

Nye udgivne danske standarder og forslag til høring

Januar 2025

01.020

Terminologi (principper og koordinering)

Terminology (principles and coordination)

Nye Standarder

DS/ISO 24617-12:2025

DKK 747,00

Identisk med ISO 24617-12:2025

Håndtering af sprogsourcer – Rammer for semantisk annotation (SemAF) – Del 12: Kvantificering

This document specifies a markup language called QuantML for annotating and representing semantic phenomena relating to quantification in natural language. QuantML comprises an extensible markup language (XML)-based representation format, an abstract syntax and a semantics.

Projektleder: Maria Gabriella Banck

01.040.01

Generelt. Terminologi. Standardisering. Dokumentation (ordliste)

Generalities. Terminology. Standardization. Documentation (Vocabularies)

Nye Standarder

DS/IEC TS 63346-1-1:2024

DKK 355,00

Identisk med IEC TS 63346-1-1:2024 ED1

Hjælpesystemer til lavspændingsmateriel – Del 1-1: Terminologi

IEC TS 63346-1-1:2024 contains the terms used by low-voltage auxiliary power systems in power stations, substations, converter substations and associated telecommunications equipment. Terms relating to low-voltage auxiliary power systems in nuclear power stations and railways substations are beyond the scope of this document.

01.040.03

Serviceydelser. Virksomhedsorganisation, virksomhedsledelse og kvalitet. Administration. Transport. Sociologi (ordliste)

Services. Company organization, management and quality. Administration. Transport. Sociology (Vocabularies)

Nye Standarder

DS/ISO 56000:2025

DKK 665,00

Identisk med ISO 56000:2025

Innovationsledelse – Grundprincipper og anvendt terminologi

This document defines terms for and establishes the fundamental concepts and principles of innovation management.

This document is applicable to:

- all types of organizations, regardless of type, sector, maturity-level or size;
- all types of innovations (e.g. product, service, process, model, method);

c) all forms of innovation (e.g. incremental to radical, disruptive);

d) all types of approaches (e.g. internal and open innovation, user-, market-, design- and technology-driven innovation activities).

Projektleder: Mette Juul Sandager

01.040.11

Sundhedsteknologi (ordliste)

Health care technology (Vocabularies)

Offentliggjorte forslag

DSF/ISO/DIS 19223-3

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 19223-3

Respiratorer og relateret udstyr – Terminologi og semantik – Del 3: Respiratorisk behandling

This document establishes a vocabulary of terms and semantics for respiratory care not addressed in sufficient detail by ISO 19223:2019 or ISO 4135:2022.

It is applicable

- in respiratory high-flow therapy device standards
- in sleep apnoea breathing therapy device standards
- in ventilatory support device standards
- in health informatics standards
- for labelling on medical electrical equipment and medical electrical systems
- in medical electrical equipment and medical electrical system instructions for use and accompanying documents
- for medical electrical equipment and medical electrical systems interoperability, and
- in electronic health records.

This document excludes mechanical ventilation, high-frequency ventilation, negative pressure ventilation, liquid ventilation, and extracorporeal membrane oxygenation.

Projektleder: Lærke Høllund

01.040.25

Produktionsteknik (ordliste)

Manufacturing engineering (Vocabularies)

Nye Standarder

DS/EN 1083-1:2024

DKK 880,00

Identisk med EN 1083-1:2024

Motordrevne børster – Del 1: Definitioner og nomenklatur

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system.

This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Projektleder: Pernille Rasmussen

DS/ISO/TS 23164:2025

DKK 747,00

Identisk med ISO/TS 23164:2025

Automationsystemer og integration – Kernevokabular for industridata

This document specifies a vocabulary for industrial data that defines generic terms for things that exist in more than one industrial domain.

The following are within the scope of this document:

- definition of terms for generic types of industrial thing;
- EXAMPLE 1 Definitions of the terms “material object”, “artefact” and “product” are within the vocabulary.
- definition of terms relevant to assemblies, systems and their breakdown structures;
- definition of terms relevant to activities and participation in activities;
- definition of terms relevant to positions and roles in organizations;
- definition of terms relevant to behaviour, capability and function;
- definition of terms relevant to state and condition;
- definition of terms relevant to specifications, designs and plans;
- definition of terms relevant to versions, alternatives and configurations for specifications, designs and plans;
- definition of terms relevant to signals and other carriers of information and to devices that process signals and information;
- definition of terms relevant to physical quantities and properties.

The following are outside the scope of this document:

- definition of terms that are relevant to data themselves, rather than the things that data are about;
- EXAMPLE 2 Definitions of the terms “data” and “information” are not within the vocabulary.
- definition of terms that are relevant to representations.
- EXAMPLE 3 Definitions of the terms “representation” and “model” are not within the vocabulary.

Projektleder: Søren Lütken Storm

01.040.29

Elektroteknik (ordliste)

Electrical engineering (Vocabularies)

Nye Standarder

DS/IEC TS 63346-1-1:2024

DKK 355,00

Identisk med IEC TS 63346-1-1:2024 ED1

Hjælpesystemer til lavspændingsmateriel – Del 1-1: Terminologi

IEC TS 63346-1-1:2024 contains the terms used by low-voltage auxiliary power systems in power stations, substations, converter substations and associated telecommunications equipment. Terms relating to low-voltage auxiliary power systems in nuclear power stations and

railways substations are beyond the scope of this document.

01.040.35

Informationsteknologi (Ordlister)

Information technology. Office machines (Vocabularies)

Offentliggjorte forslag

DSF/ISO/IEC FDIS 24760-1

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/IEC FDIS 24760-1

IT-sikkerhed og privatliv – Arkitektur for identitetsadministration – Del 1: Nøglebegreber og terminologi

This document:

- defines terms for identity management and specifies core concepts of identity and identity management, and their relationships,
- is applicable to any information system where information relating to identity is processed or stored,
- has been given the status of a horizontal document, as it applies concepts such as distinguishing the term “identity” from the term “identifier” on the implementation of systems for the management of identity information and on the requirements for the implementation and operation of a framework for identity management, as it provides an important contribution to assess identity management systems with regard to their privacy-friendliness and their ability to assure the relevant attributes of an identity, and consequently it provides a foundation and a common understanding for any other standard addressing identity, identity information, and identity management.

Projektleder: Berit Aadal

DSF/prEN ISO 22739

Deadline: 2025-03-17

Relation: CENCLC

Identisk med ISO 22739:2024

og prEN ISO 22739

Blockchain og distributed ledger-teknologi – Anvendt terminologi

This document provides fundamental terminology for blockchain and distributed ledger technologies.

Projektleder: Pernille Rasmussen

01.040.61

Beklædningsindustri (ordliste)

Clothing industry (Vocabularies)

Nye Standarder

DS/EN ISO 20537:2025

DKK 665,00

Identisk med ISO 20537:2025

og EN ISO 20537:2025

Fodtøj – Identifikation af defekter under visuel inspektion – Terminologi

This document defines the most common terms related to defects that occur in the manufacture, storage and usage of foot-

wear and that can be determined during visual inspection of the end product.

NOTE The photos are given as examples and do not represent all possible instances.

Projektleder: Pernille Rasmussen

DS/ISO 20537:2025

DKK 575,00

Identisk med ISO 20537:2025

Fodtøj – Identifikation af defekter under visuel inspektion – Terminologi

This document defines the most common terms related to defects that occur in the manufacture, storage and usage of footwear and that can be determined during visual inspection of the end product.

NOTE The photos are given as examples and do not represent all possible instances.

01.040.77

Metallurgi (ordliste)

Metallurgy (Vocabularies)

Nye Standarder

DS/EN ISO 8044:2025

DKK 575,00

Identisk med ISO 8044:2024

og EN ISO 8044:2025

Korrosion af metaller og legeringer – Anvendt terminologi

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations.

Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials.

Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Projektleder: Merete Westergaard Bennick

DS/ISO 8044:2024

DKK 575,00

Identisk med ISO 8044:2024

Korrosion af metaller og legeringer – Anvendt terminologi

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations.

Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials.

Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Projektleder: Lone Skjerning

01.040.91

Byggematerialer og byggeri (ordliste)

Construction materials and building (Vocabularies)

Offentliggjorte forslag

DSF/ISO/DIS 21174

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 21174

Døre, vinduer og curtain walling – Beslag til døre og vinduer – Terminologi

This ISO standard specifies the terminology for hardware used in windows and pedestrian doors.

Hardware in this document refers to building hardware.

This document mainly only refers to the terminology of hardware used for the connection between window sash/casement, door leaf, and their corresponding frames as well as the hardware used for operating the window sash/casement and door leaf.

This document is neither for the terminology of fixing elements used as a means of connecting the hardware to the door and window sash/casement profile or frame, nor the hardware used for connection between door/ window frame and their openings, such as screws, bolts, etc.

This document does not set out physical definitions related to performance requirements and associated test methods of the hardware.

Projektleder: Marika Englén

01.070

Farvesymboler

Colour coding

Offentliggjorte forslag

DSF/prEN ISO 22324

Deadline: 2025-03-17

Relation: CEN

Identisk med ISO 22324:2022

og prEN ISO 22324

Sikkerhed og robusthed – Beredskabsledelse – Retningslinjer for farvekodet alarm

This International Standard establishes the colour codes for expressing the degree of safety or danger. The colour codes should be used to gain the attention of both first response personnel and/or the people at risk about the severity of situation to solicit them to seek more information or to take appropriate safety actions specified by prior notification. Unlike safety signs which convey static information, colour codes should be used to let the people at risk know the recent changes in status in terms of safetydanger continuum. The colours between red and green in terms of hue will be used to express the status in terms of safetydanger continuum. The degree of safetydanger continuum

should be less than nine because of human capacity to distinguish at one time.

This standard is applicable to all locations and all sectors where safety-related questions may be posed.

However, it is not applicable to, generally speaking, to those sectors subject to a regulation which may differ.

Projektleder: Pernille Rasmussen

01.080.01

Grafiske symboler. Generelt

Graphical symbols in general

Nye Standarder

DS/EN IEC 81355-1:2025

DKK 747,00

Identisk med IEC 81355-1:2024 ED1

og EN IEC 81355-1:2025

Industrialnæg, installationer og udstyr samt industriprodukter – Klassifikation og betegnelse af information – Del 1: Grundlæggende regler og klassifikationsstabeller

IEC 81355-1:2024 provides rules and guidelines for the classification and designation of information containers based on their inherent content. This document is applicable for information used in the life cycle of a system, e.g., industrial plants, construction entities and equipment.

This document defines classes of information and their information kind classification code (ICC). The defined classes and codes provided are used as values associated with metadata, e.g., in information management systems (see IEC 82045-1 and IEC 82045-2).

The rules, guidelines and classes are general and are applicable to all technical areas, for example, mechanical engineering, electrical engineering, construction engineering and process engineering. They can be used for systems based on different technologies or for systems combining several technologies.

This document also has the status of a horizontal publication in accordance with IEC Guide 108. It is intended for use by technical committees in preparation of publications related to classification and designation of information.

IEC 81355-1:2024 cancels and replaces the second edition of IEC 61355-1 published in 2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 61355-1:2008:

- focusing on classification of information rather than classification of document kinds;
- introduced a classification scheme based on inherent content of information;
- introduced a distinction between an information container and a document, the latter being for human perception;
- introduction of information kind classification code (ICC), replacing document kind classification code (DCC);
- introduced structuring of information containers;

f) introduced an information model of the concepts dealt with;

g) introduced a conversion table for merging from the use of DCC to the use of ICC.

Projektleder: Peter Damgaard

01.080.10

Offentlige informationssymboler.

Skilte. Tavler. Mærkater

Public information symbols. Signs. Plates. Labels

Nye Standarder

DS/EN ISO 7010:2020/A7:2024

DKK 355,00

Identisk med ISO 7010:2019/Amd 7:2023

og EN ISO 7010:2020/A7:2024

Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 7

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

Projektleder: Pernille Rasmussen

DS/EN ISO 7010:2020/A8:2024

DKK 320,00

Identisk med ISO 7010:2019/Amd 8:2024

og EN ISO 7010:2020/A8:2024

Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 8

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

Projektleder: Pernille Rasmussen

01.080.20

Grafiske symboler til brug på specielt udstyr

Graphical symbols for use on specific equipment

Nye Standarder

DS/EN ISO 7010:2020/A7:2024

DKK 355,00

Identisk med ISO 7010:2019/Amd 7:2023

og EN ISO 7010:2020/A7:2024

Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 7

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

Projektleder: Pernille Rasmussen

DS/EN ISO 7010:2020/A8:2024

DKK 320,00

Identisk med ISO 7010:2019/Amd 8:2024

og EN ISO 7010:2020/A8:2024

Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 8

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

Projektleder: Pernille Rasmussen

01.080.30**Grafiske symboler til brug på maskintekniske tegninger og byggetegninger, skemaer, planer, kort og i relevant teknisk produktdokumentation**

Graphical symbols for use on mechanical engineering and construction drawings, diagrams, plans, maps

Nye Standarder**DS/EN IEC 81355-1:2025**

DKK 747,00

Identisk med IEC 81355-1:2024 ED1

og EN IEC 81355-1:2025

Industrialanlæg, installationer og udstyr samt industriprodukter – Klassifikation og betegnelse af information – Del 1: Grundlæggende regler og klassifikationsstabeller

IEC 81355-1:2024 provides rules and guidelines for the classification and designation of information containers based on their inherent content. This document is applicable for information used in the life cycle of a system, e.g., industrial plants, construction entities and equipment.

This document defines classes of information and their information kind classification code (ICC). The defined classes and codes provided are used as values associated with metadata, e.g., in information management systems (see IEC 82045-1 and IEC 82045-2).

The rules, guidelines and classes are general and are applicable to all technical areas, for example, mechanical engineering, electrical engineering, construction engineering and process engineering. They can be used for systems based on different technologies or for systems combining several technologies.

This document also has the status of a horizontal publication in accordance with IEC Guide 108. It is intended for use by technical committees in preparation of publications related to classification and designation of information.

IEC 81355-1:2024 cancels and replaces the second edition of IEC 61355-1 published in 2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 61355-1:2008:

- focusing on classification of information rather than classification of document kinds;
- introduced a classification scheme based on inherent content of information;
- introduced a distinction between an information container and a document, the latter being for human perception;
- introduction of information kind classification code (ICC), replacing document kind classification code (DCC);
- introduced structuring of information containers;
- introduced an information model of the concepts dealt with;
- introduced a conversion table for merging from the use of DCC to the use of ICC.

Projektleder: Peter Damgaard

01.080.50**Grafiske symboler til brug på informationsteknologiske og telekommunikationstekniske tegninger og i relevant teknisk produktdokumentation**

Graphical symbols for use on information technology and telecommunications technical drawings

Nye Standarder**DS/ISO/IEC 15416:2025**

DKK 665,00

Identisk med ISO/IEC 15416:2025

Automatisk identifikation og datafangstteknikker – Specifikation for prøvning af kvalitet af strekkodetryk – Lineære symboler

This document

– specifies the methodology for the measurement of specific attributes of bar code symbols,

– defines a method for evaluating these measurements and deriving an overall assessment of symbol quality, and

– gives information on possible causes of deviation from optimum grades to assist users in taking appropriate corrective action.

This document applies to those symbolologies for which a reference decode algorithm has been defined, and which are intended to be read using linear scanning methods, but its methodology can be applied partially or wholly to other symbolologies.

Projektleder: Tomas Lundstrøm

01.120**Standardisering. Generelle regler**

Standardization. General rules

Nye Standarder**DS/ISO/TR 23975:2025**

DKK 955,00

Identisk med ISO/TR 23975:2025

Traditionel kinesisk medicin – Prioriteret liste over medicin med en enkelt urt til brug for udarbejdelse af standarder

This document provides a reference of single herbal medicines in order of their priority in the development of international standards.

This document also provides a reference of the principles and the methodology for the priority evaluation of single herbal medicines.

In addition to text written in the official ISO languages (English, French, Russian), this document gives text in Chinese. This text is published under the responsibility of the Member Body for China (SAC) and is given for information only. Only the text given in the official languages can be considered as ISO text.

DS-hæfte 1: Januar 2025

DKK 295,00

Standarder og deres relation til de enkelte direktiver

This DS-hæfte contains all CEN/CENELEC/ETSI harmonized standards which references have been published in the Official Journal of the European Communities.

Products complying with harmonized standards may be assumed to conform to the essential requirements to any New Approach directive. This booklet includes information concerning the Low voltage equipment directive.

Projektleder: Mikkel Hvass

01.140.20**Informationsvidenskab**

Information sciences

Offentliggjorte forslag**DSF/ISO/DIS 22144**

Deadline: 2025-03-06

Relation: ISO

Identisk med ISO/DIS 22144

Oplysningers ægthed – Metadatasæt til sikring mod manipulation af indhold

This document describes the technical aspects of the C2PA architecture known as Content Credentials. It is a model for storing and accessing cryptographically verifiable information whose trustworthiness can be assessed based on a defined trust model. Included in this document is information about how to create and process a C2PA Manifest and its components, including the use of digital signature technology for enabling tamper-evidence as well as establishing trust.

Projektleder: Berit Aadal

03.060**Finanser. Bankvæsen. Monetære systemer. Forsikring**

Finances. Banking. Monetary systems. Insurance

Nye Standarder**DS/ISO/IEC 27562:2024**

DKK 665,00

Identisk med ISO/IEC 27562:2024

Informationsteknologi – Sikkerhedsteknikker – Retningslinjer for privatlivsbeskyttelse inden for fintech

This document provides guidelines on privacy for fintech services.

It identifies all relevant business models and roles in consumer-to-business relations and business-to-business relations, as well as privacy risks and privacy requirements, which are related to fintech services. It provides specific privacy controls for fintech services to address privacy risks.

This document is based on the principles from ISO/IEC 29100, ISO/IEC 27701, and ISO/IEC 29184, the privacy impact assessment framework described in ISO/IEC 29134, and the risk management guideline described in ISO 31000. It also provides guidelines focusing on a set of privacy requirements for each stakeholder.

This document can be applicable to all kinds of organizations such as regulators, institutions, service providers and product providers in the fintech service environment.

Projektleder: Berit Aadal

DS/ISO/TR 22126-2:2025

DKK 747,00

Identisk med ISO/TR 22126-2:2025

Finansielle ydelser – Semantisk teknologi – Del 2: OWL-repræsentation af ISO 20022-baseret metamodel og e-repository

This document is concerned with the representation of the ISO 20022 e-Repository contents in RDF and OWL by developing a case study around the ISO 20022 auth.016 sample message (hereafter simply referred to as “auth.016”). This includes:

- transformation of the sample message into an RDF instance graph;
- demonstrating a set of SPARQL rules that transform the auth.016 message into a FIX TradeCaptureReport(35=AE) message (hereafter simply referred to as “FIX AE”);
- expressing the metamodel, business components and message components exactly with a custom RDF vocabulary;
- representing those schemas as OWL schemas using OWL vocabulary when possible and annotation properties otherwise;
- creating instance graphs for the auth.016 sample messaging using the vocabulary of the business components and message components.

This document also discusses the choices that arise in structuring RDF documents equivalent to documents in XML, and FIX Tag-Value format balancing considerations such as preserving the order of parts of the message versus creating graphs that are suitable for RDFS and OWL inference.

Projektleder: Maria Gabriella Banck

03.080

Serviceydelser

Services

Nye Standarder

DS/IEC 63310:2025

DKK 470,00

Identisk med IEC 63310:2025 ED1

Kriterier for funktional ydeevne for robotter anvendt i AAL-forbundne hjemmemiljøer

IEC 63310:2025 deals with the functional performance criteria and guidelines for robots intended for use in the active assisted living connected home environment (AAL CHE).

This document does not cover safety requirements of robots.

This document is applicable to robots which provide the AAL user (or AAL care recipient) with one or more of the following services and support in the AAL CHE:

- information and data management;
- monitoring service;
- communication support;
- activity support;
- mobility support;
- other support.

AAL robots can be subject to additional relevant regulations and standards.

This document is not applicable to robots used for medical purposes.

Projektleder: Marika Vindbjerg

03.080.30

Serviceydelser over for forbrugere

Services for consumers

Nye Standarder

DS/ISO 16520:2025

DKK 470,00

Identisk med ISO 16520:2025

Turisme og relaterede services – Restauranter og catering – Anvendt terminologi

This document defines terms used in the tourism industry in the field of restaurants and catering.

This document applies to restaurants and catering services, which prepare and serve or deliver food and beverages to customers.

This document does not apply to the production line of food and beverages.

Projektleder: Helle Harms

03.100.01

Virksomhedsorganisation og virksomhedsledelse. Generelt

Company organization and management in general

Offentliggjorte forslag

DSF/ISO/DIS 13659

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 13659

Chain of custody – Massebalance – Krav og retningslinjer

This document provides requirements and guidelines for the application of the book and claim chain of custody model. It is applicable to any flow of materials or products or processes within a system, including how to attribute specified characteristics to flows of such processes.

This document provides requirements and guidelines for the following matters, amongst others:

- general requirements for the book and claim chain of custody model;
- differentiations from mass balance;
- system boundaries including geography and time;
- attribution of material flows in and out;
- conversion factors;
- transparency, communication, and claims.

Projektleder: Charlotte Vincentz Fischer

DSF/ISO/DIS 13662

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 13662

Chain of custody – Massebalance – Krav og retningslinjer

This document provides requirements and guidelines for the application of the mass balance chain of custody model, as defined in ISO 22095, to any material or product flow within mass balance systems, including how to attribute specified characteristics to flows of such processes.

This document provides requirements and guidelines for the following matters, amongst others:

- differentiations from controlled blending and book & claim;
- general requirements for organizations active in a mass balance chain of custody;
- system boundaries including geography and time;
- conversion factors;
- the rolling average percentage method;
- the credit method;
- transparency, communication, and claims.

Projektleder: Charlotte Vincentz Fischer

DSF/prEN ISO 22324

Deadline: 2025-03-17

Relation: CEN

Identisk med ISO 22324:2022

og prEN ISO 22324

Sikkerhed og robusthed – Beredskabsledelse – Retningslinjer for farvekodet alarm

This International Standard establishes the colour codes for expressing the degree of safety or danger. The colour codes should be used to gain the attention of both first response personnel and/or the people at risk about the severity of situation to solicit them to seek more information or to take appropriate safety actions specified by prior notification. Unlike safety signs which convey static information, colour codes should be used to let the people at risk know the recent changes in status in terms of safetydanger continuum. The colours between red and green in terms of hue will be used to express the status in terms of safetydanger continuum. The degree of safetydanger continuum should be less than nine because of human capacity to distinguish at one time.

This standard is applicable to all locations and all sectors where safetyrelated questions may be posed.

However, it is not applicable to, generally speaking, to those sectors subject to a regulation which may differ.

Projektleder: Pernille Rasmussen

DSF/prEN ISO 22329

Deadline: 2025-03-17

Relation: CEN

Identisk med ISO 22329:2021

og prEN ISO 22329

Sikkerhed og robusthed – Beredskabsledelse – Vejledning i brug af sociale medier i nødsituationer

This document specifies guidelines for a use of social media in emergency management. It gives guidance on how to use social media before, during and after an emergency and how social media can support the work of emergency services. On the one hand, these guidelines are directed to authorities (governmental as well as non-governmental organisations) involved in emergency management.

On the other hand, they are directed to citizens who want to use social media in emergency situations.

These guidelines shall help social media users to use these new media as efficiently as possible.

Projektleder: Pernille Rasmussen

03.100.20**Handel. Kommerciel funktion. Markedsføring**

Trade. Commercial function. Marketing

Offentliggjorte forslag**DSF/ISO/DIS 21800****Deadline: 2025-03-12**

Relation: ISO

Identisk med ISO/DIS 21800

Vejledning til organisationer til at øge forbrugernes forståelse af vilkår og betingelser online

Specification of guidance to the providers of goods, services and digital content on the clear design and presentation of online terms and conditions to maximise consumer understanding and reduce detriment.

03.100.30**Styring af menneskelige ressourcer**

Management of human resources

Offentliggjorte forslag**DSF/ISO/DIS 18436-2****Deadline: 2025-03-23**

Relation: ISO

Identisk med ISO/DIS 18436-2

Tilstandsovervågning og diagnosticering af maskiner – Krav til træning og certificering af personel – Del 2: Overvågning af vibrationstilstand og diagnosticering

ISO 18436-2:2014 specifies requirements for the training, relevant experience, and examination of personnel performing condition monitoring and diagnostics of machines using vibration analysis (VA).

A certificate or declaration of conformity to the requirements of ISO 18436-2:2014 in accordance with ISO 18436-1, provides recognition and evidence that individuals are able to perform vibration measurements and analysis for machinery condition monitoring and diagnostics using a range of vibration measurement equipment. ISO 18436-2:2014 specifies a four-category classification programme that is based on the technical areas delineated herein.

Projektleder: Liselotte Sørensen

03.100.40**Forskning og udvikling**

Research and development

Nye Standarder**DS/EN ISO 56001:2024**

DKK 665,00

Identisk med ISO 56001:2024

og EN ISO 56001:2024

Innovationsledelse – Innovationsledelsessystemer – Krav

This document specifies requirements for an innovation management system that an organization can use to develop and demonstrate its innovation capability, enhance its innovation performance, and realize value for users, customers and other interested parties. The requirements in this document are generic.

This document is applicable to any organization, regardless of type or size, products

and services provided, or the types of innovations and innovation approaches used.

Projektleder: Pernille Rasmussen

DS/EN ISO 56008:2024

DKK 880,00

Identisk med ISO 56008:2024

og EN ISO 56008:2024

Innovationsledelse – Værktøjer og metoder til målinger af innovationsaktivitet – Vejledning

This document provides guidance for the definition, implementation, evaluation, and improvement of the measurements necessary to effectively manage innovation activities in an organization. It establishes the fundamentals of innovation operation measurements and guides their application towards four areas:

- measurements for establishing and launching innovation initiatives;
- measurements for innovation processes;
- measurements for innovation initiatives;
- measurements of innovation portfolios.

This document is applicable to:

- organizations that are seeking to define and implement an innovation operations measurement approach;
- organizations and interested parties seeking to improve the areas of accountability, transparency, and evidence-based assessment of innovation operations;
- customers, investors, and other interested parties, seeking confidence in the organization's innovation operations management and its results;
- providers of training in innovation operations and measurements, including assessment of and consultancy for achieving results;
- experts in innovation operations evaluation and impact assessment, favoring the use of a harmonized international guidance standard;
- innovation policy makers and program managers who are looking to obtain evidence of progress and desired outcomes of innovation activities supported through public policies and programs.

All of the guidance provided within this document is generic and intended to be applicable to:

- all types of organizations regardless of sector or size, whether they be private, public, not-for-profit, governmental or societal;
- all types of innovations (e.g. product, service, process, model, and method) ranging from incremental to radical;
- all types of time horizons, from short-term to long-term evaluation and measurement.

Projektleder: Pernille Rasmussen

DS/ISO 56000:2025

DKK 665,00

Identisk med ISO 56000:2025

Innovationsledelse – Grundprincipper og anvendt terminologi

This document defines terms for and establishes the fundamental concepts and principles of innovation management.

This document is applicable to:

- a) all types of organizations, regardless of type, sector, maturity-level or size;
- b) all types of innovations (e.g. product, service, process, model, method);
- c) all forms of innovation (e.g. incremental to radical, disruptive);
- d) all types of approaches (e.g. internal and open innovation, user-, market-, design- and technology-driven innovation activities).

Projektleder: Mette Juul Sandager

03.100.70**Ledelsessystemer**

Management systems

Nye Standarder**DS/EN ISO 56001:2024**

DKK 665,00

Identisk med ISO 56001:2024

og EN ISO 56001:2024

Innovationsledelse – Innovationsledelsessystemer – Krav

This document specifies requirements for an innovation management system that an organization can use to develop and demonstrate its innovation capability, enhance its innovation performance, and realize value for users, customers and other interested parties. The requirements in this document are generic.

This document is applicable to any organization, regardless of type or size, products and services provided, or the types of innovations and innovation approaches used.

Projektleder: Pernille Rasmussen

DS/IEC SRD 63301-1:2024

DKK 747,00

Identisk med IEC SRD 63301-1:2024 ED1

Smarte byer: usecase-indsamling og -analyse – Vandsystemer i smarte byer – Del 1: Analyse på højt niveau

IEC SRD 63301-1:2024 provides an overview of water systems in smart cities, establishes a general approach for use case collection and analysis, and identifies major stakeholders and application areas for high-level analysis of water systems.

The construction of a smart city can create benefits for a society and its stakeholders. Water is a critical resource to support urban development and its sustainable use is recognized as a UN Sustainable Development Goal. Water infrastructure development, water management efficiency, water supply resilience, and the safe operation and use of water are important focal areas for smart cities.

This document focuses on water systems management, specifically water security whether directly from a natural source or via man-made infrastructure. Information and communications technologies (ICT) and electro-technologies can provide grea-

ter visibility and control, however their application does depend on the characteristics of individual water markets. Technology is not a panacea for resolving all issues and problems.

A gap exists in effective coordination and clear orientation and how industry and stakeholders are engaged within it.

Major stakeholders of water management and use include citizens, the water authority (government), and organizations (associations, business groups, utility companies). Each stakeholder has different and competing interests, market relationships and touch points to water system infrastructure, processes, operations, management and use.

Modelling these complex interactions into a systems architecture is a valuable exercise in understanding the issues, gaps and opportunities for sustainable water management.

This document focuses on use case collection and analysis to elicit requirements to support technical committees in preparing sustainable water management standards for cities and communities.

Projektleder: Tomas Lundstrøm

DS/ISO 14001:2015/Amd 1:2024

DKK 0,00

Identisk med ISO 14001:2015/Amd 1:2024

Miljøledelsessystemer – Krav og vejledning – Tillæg 1: Tiltag i forbindelse med klimaforandringer

ISO 14001:2015 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.

ISO 14001:2015 helps an organization achieve the intended outcomes of its environmental management system, which provide value for the environment, the organization itself and interested parties. Consistent with the organization's environmental policy, the intended outcomes of an environmental management system include:

- enhancement of environmental performance;
 - fulfilment of compliance obligations;
 - achievement of environmental objectives.
- ISO 14001:2015 is applicable to any organization, regardless of size, type and nature, and applies to the environmental aspects of its activities, products and services that the organization determines it can either control or influence considering a life cycle perspective. ISO 14001:2015 does not state specific environmental performance criteria.

ISO 14001:2015 can be used in whole or in part to systematically improve environmental management. Claims of conformity to ISO 14001:2015, however, are not acceptable unless all its requirements are incorporated into an organization's environmental management system and fulfilled without exclusion.

Projektleder: Maria de Freiesleben Christoffersen

03.120.20

Produkt- og virksomhedscertificering. Overensstemmelsesvurdering

Product and company certification.

Conformity assessment

Nye Standarder

DS/CEN/CLC/TR 17894:2024

DKK 747,00

Identisk med CEN/CLC/TR 17894:2024

Kunstig intelligens (AI) – Overensstemmelsesvurdering for kunstig intelligens

This document sets out a review of the current methods and practices (including tools, assets, and conditions of acceptability) for conformity assessment in respect to, among others, products, services, processes, management systems, organizations, or persons, as relevant for the development and use of AI systems. It includes an industry horizontal (vertical agnostic) perspective as well as an industry vertical perspective.

This document focuses only on the process of assessment and gap analysis of conformity. It defines the objects of conformity related to AI systems and all other related aspects of the process of conformity assessment. The document also reviews to what extent AI poses specific challenges with respect to assessment of, for example, software engineering, data quality and engineering processes.

This document takes into account requirements and orientations from policy frameworks such as the EU AI strategy and those from CEN and CENELEC member countries.

This document is intended for technologists, standards bodies, regulators and interested parties.

Projektleder: Kim Skov Hilding

03.120.30

Anvendelse af statistiske metoder

Application of statistical methods

Nye Standarder

DS/EN IEC 62309:2025

DKK 665,00

Identisk med IEC 62309:2024 ED2

og EN IEC 62309:2025

Pålidelighed af levetidsforlængede produkter og nye produkter, der indeholder genbrugte dele

IEC 62309:2024 introduces the concept to check the reliability and functionality of reused parts and their usage within new products. It also provides information and criteria about the assurance [for example, testing and analysis, required for products containing reused parts, which are declared "qualified-as-good-as-new" (QAGAN)] relative to the designed life of the product.

This document specifies requirements to be satisfied before making a declaration or applying a designation of QAGAN. This document also gives guidance to support any organisation that makes declarations about dependability of products containing reused parts.

In this document, the term "product" covers electrical, electro-mechanical,

mechanical parts or hardware that can contain software.

"Qualified-as-good-as-new" (QAGAN) does not apply to reused materials or large structures and large systems, nor does it cover software products, concepts, and ideas.

The purpose of this document is to ensure by tests and analysis that the reliability and functionality of a new product containing reused parts is comparable to a product that contains only new parts. This would justify the manufacturer granting the next customer the full warranty of the product with "qualified-as-good-as-new" (QAGAN) parts.

Annex A describes extending useful life by refurbishment, updating, upgrading, maintenance and used as second-hand. These concepts are defined and the requirements for using the term with reference to this document are stated.

This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the previous Annex A has been separated into Annex B (Dependability aspects) and Annex C (Example with QAGAN parts);
- b) a new normative Annex A has been written with expansion of lifecycle activities, to describe extending the useful life by refurbishment, life extension, updating, upgrading and second-hand use;
- c) revision of Figure 1 accordingly;
- d) minor editorial alignments throughout the document;
- e) the abbreviation "quagan" has been changed "QAGAN" to reflect more contemporary use.

Projektleder: Maria Gabriella Banck

03.200.01

Fritid og turisme generelt

Leisure and tourism in general

Nye Standarder

DS/ISO 16520:2025

DKK 470,00

Identisk med ISO 16520:2025

Turisme og relaterede services – Restauranter og catering – Anvendt terminologi

This document defines terms used in the tourism industry in the field of restaurants and catering.

This document applies to restaurants and catering services, which prepare and serve or deliver food and beverages to customers.

This document does not apply to the production line of food and beverages.

Projektleder: Helle Harms

03.220.01**Transport. Generelt**

Transport in general

Offentliggjorte forslag**DSF/ISO/DIS 16499-1****Deadline: 2025-03-22**

Relation: ISO

Identisk med ISO/DIS 16499-1

Bæredygtig mobilitet og transport – Automatiseret mobilitet ved hjælp af fysisk og digital infrastruktur – Del 1: Servicerollearkitektur

This document describes a basic role model of smart city automated mobility services as a common platform for smart city instantiation. It provides a paradigm describing:

a) a framework architecture for the provision of an automated mobility service b) a description of the concept of operations, and the role models c) a conceptual architecture between actors involved in the provision/receipt of automated mobility service applications d) references for the key documents on which the architecture is based e) a taxonomy of the organization of generic procedures. scope is specialized in defining the requirements of the basic role and functional model of service for the introduction of automated mobility services including infrastructure facilities to support mobility in urban and rural areas.

In-vehicle control system is not in scope of this document.

Projektleder: Tomas Lundstrøm

03.220.20**Vejtransport**

Road transport

Offentliggjorte forslag**DSF/prEN ISO 17573-2****Deadline: 2025-03-09**

Relation: CEN

Identisk med ISO/TS 17573-2:2020

og prEN ISO 17573-2

Elektronisk afgiftsopkrævning – Systemarkitektur for køretøjsrelateret opkrævning – Del 2: Terminologi

This document defines terms within the field of electronic fee collection (EFC).

This document defines:

- terms within the fields of electronic fee collection and road user charging;
- terms that are used in standards related to electronic fee collection;
- terms of a more general use that are used more specifically in standards related to electronic fee collection.

This document does not define:

- Terms related primarily to other fields that operate in conjunction with EFC, such as terms for intelligent transport systems (ITS), common payment systems, the financial sector, etc.
- Deprecated terms.

Projektleder: Per Velk

03.220.30**Transport med jernbane**

Transport by rail

Offentliggjorte forslag**DSF/ISO/DIS 24675-2****Deadline: 2025-03-30**

Relation: ISO

Identisk med ISO/DIS 24675-2

Jernbaner – Køretidsberegning til udarbejdelse af køreplaner – Del 2: Afstand-tid-diagrammer og fartkurver

In order to create punctual timetables, it is necessary to accurately calculate and plan out running time between stopping or passing points, headway between trains, train scheduling, rolling stock scheduling, driver and crew scheduling, operation scheduling in stations and depots and line / infrastructure capacity.

Among these values, shortest running time between stopping or passing points must be calculated first, as this is the basis of timetabling.

This document describes a practical procedure to create and verify distance-speed diagrams and speed curves using the parameters specified in ISO 24675-1. Shortest running time is obtained by numerically integrating the speed curves.

This enables railway infrastructure managers, railway operators and related organizations to calculate accurate running time at the stage of setting up feasible and punctual daily timetables, seasonal timetables, annual timetables, strategic timetables for long-term perspective, and other timetables of a railway system.

This document excludes running time calculation used for purposes other than timetabling.

Projektleder: Per Velk

07.060**Geologi. Meteorologi. Hydrologi**

Geology. Meteorology. Hydrology

Nye Standarder**DS/IEC TS 62600-101:2024**

DKK 810,00

Identisk med IEC TS 62600-101:2024 ED2

Marin energi – Teknologier til omdannelse af bølgekræft, tidevandskræft og anden vandkræft – Del 101: Vurdering og karakterisering af bølgeenergiressourcer

IEC TS 62600-101:2024 establishes a system for estimating, analysing and reporting the wave energy resource at sites potentially suitable for the installation of Wave Energy Converters (WECs). This document is to be applied at all stages of site assessment, from initial investigations to detailed project design. This document is to be applied in conjunction with the IEC Technical Specification on WEC performance (IEC TS 62600-100) to estimate the mean annual energy production of a WEC or WEC array as described in the methodology in Annex A. This document is not intended for estimation of extreme wave conditions. The framework and methodologies prescribed in this document are intended to ensure that only adequate models are used, and that they are applied

in an appropriate manner to ensure confidence and consistency in the reported results. Moreover, the document prescribes methods for analysing metocean data (including the data generated by modelling) in order to properly quantify and characterize the temporal and spatial attributes of the wave energy resource, and for reporting the results of a resource assessment in a comprehensive and consistent manner.

Projektleder: Per Velk

07.080**Biologi. Botanik. Zoologi**

Biology. Botany. Zoology

Offentliggjorte forslag**DSF/ISO/DIS 16921-2****Deadline: 2025-03-15**

Relation: ISO

Identisk med ISO/DIS 16921-2

Bioteknologi – Transgenesystemer – Del 2: Vejledning i metoder til kvantificering af virale vektorer

This document provides minimum requirements for quantifying viral vectors in term of physical titer and functional titer. It provides key considerations for general methods for viral vector quantification as well as for method selection, measurement process, data analysis, and reporting. This document is applicable to all types of viral vectors (e.g., adeno-associated, adenovirus, retrovirus, lentivirus, herpesvirus) for therapeutic use, including their research and development.

This document is not intended for viral vectors for non-health sectors.

Projektleder: Lærke Høllund

DSF/ISO/DIS 8934-1**Deadline: 2025-03-22**

Relation: ISO

Identisk med ISO/DIS 8934-1

Bioteknologi – Analytiske metoder til undersøgelse af cellers levedygtighed – Del 1: Generelle krav og overvejelser

This document specifies definitions and general requirements for cell viability analytical methods. It provides general considerations for selecting and establishing fit-for-purpose cell viability analytical methods. It also provides considerations for managing sources of variability for cell viability measurements during pre-analytical, analytical, and post-analytical phases.

This document is applicable to cells in suspension, cells adhered to a substrate, and cells in complex matrices.

This document is primarily applicable to cell viability measurements of nucleated mammalian cells.

Several sector/application-specific international and national standards for cell viability currently exist. When applicable, the user can consult existing standards when operating with their scope.

Projektleder: Lærke Høllund

07.100.30

Levnedsmiddelmikrobiologi

Food microbiology

Nye Standarder

DS/EN 18033:2024

DKK 355,00

Identisk med EN 18033:2024

Fødevareautenticitet – Kvantitering af heste-DNA i forhold til pattedyr-DNA i rått oksekød

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample.

Results of this equine assay are expressed in terms of equine (*Equus* genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus *Equus* and therefore detects horse, mule, donkey and zebra DNA.

The method has been previously validated in a collaborative study and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background.

The limit of detection has been determined experimentally to be at least 17 horse haploid genome equivalents (HGE) for both the equine PCR and the mammalian PCR based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative study was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background.

The compliance assessment process is not part of this document.

Projektleder: Pernille Rasmussen

07.120

Nanoteknologi

Nanotechnologies

Offentliggjorte forslag

DSF/ISO/DTS 21361

Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DTS 21361

Nanoteknologi – Metode til kvantificering af luftkoncentration i kønrøg og amorft silicium i nanoområdet udtaget fra industrielt miljø med blandet støv

This document provides guidelines to quantify and identify air concentration (number of particles/cm³) of particles of carbon black and/or amorphous silica by size in air samples collected in a mixed dust industrial manufacturing environment.

The method is defined for air samples collected with an electrical low pressure cascade impactor (ELPCI) on a 25 mm polycarbonate substrate. The method is suitable for sampling in manufacturing environments where there are a variety of particle types contributing to the overall atmosphere. This method is applicable only to environments with chemically and physically distinct particles contributing to aerosols or when confounders can be controlled (e.g. diesel sources). Other samp-

ling methods can also be suitable, though this document is limited to describing methods associated with the electrical low pressure cascade impactor.

Samples collected with the electrical low pressure cascade impactor are analyzed via TEM and EDS to for particle morphology and elemental composition, respectively, to permit identification of particles by type. This information is then used, in conjunction with particle concentration by size range, as determined by the electrical low pressure cascade impactor, to determine concentration of the materials of interest by size.

11.040.10

Anæstesi-, respirator- og genoplivningsudstyr

Anaesthetic, respiratory and reanimation equipment

Offentliggjorte forslag

DSF/ISO/DIS 19223-3

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 19223-3

Respiratorer og relateret udstyr – Terminologi og semantik – Del 3: Respiratorisk behandling

This document establishes a vocabulary of terms and semantics for respiratory care not addressed in sufficient detail by ISO 19223:2019 or ISO 4135:2022.

It is applicable

- in respiratory high-flow therapy device standards
- in sleep apnoea breathing therapy device standards
- in ventilatory support device standards
- in health informatics standards
- for labelling on medical electrical equipment and medical electrical systems
- in medical electrical equipment and medical electrical system instructions for use and accompanying documents
- for medical electrical equipment and medical electrical systems interoperability, and
- in electronic health records.

This document excludes mechanical ventilation, high-frequency ventilation, negative pressure ventilation, liquid ventilation, and extracorporeal membrane oxygenation.

Projektleder: Lærke Høllund

DSF/prEN ISO 80601-2-70

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 80601-2-70

og prEN ISO 80601-2-70

Elektromedicinsk udstyr – Del 2-70: Særlige krav til grundliggende sikkerhed og væsentlige funktioner af udstyr til åndedrætsbehandling af søvnapnø

This document is applicable to the basic safety and essential performance of sleep apnoea breathing therapy equipment, hereafter referred to as ME equipment, intended to alleviate the symptoms of patients who suffer from obstructive sleep apnoea by delivering a therapeutic breathing pressure to the respiratory tract of the patient. Sleep apnoea breathing therapy equipment is intended for use in the home healthcare environment by lay ope-

rators as well as in professional healthcare institutions.

* Sleep apnoea breathing therapy equipment is not considered to utilize a physiologic closed-loop-control system unless it uses a physiological patient variable to adjust the therapy settings.

This document excludes sleep apnoea breathing therapy equipment intended for use with neonates.

This document is applicable to ME equipment or an ME system intended for those patients who are not dependent on mechanical ventilation.

This document is not applicable to ME equipment or an ME system intended for those patients who are dependent on mechanical ventilation such as patients with central sleep apnoea.

This document is also applicable to those accessories intended by their manufacturer to be connected to sleep apnoea breathing therapy equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the sleep apnoea breathing therapy equipment.

Masks and application accessories intended for use during sleep apnoea breathing therapy are additionally addressed by ISO 17510. Refer to Figure AA.1 for items covered further under this document.

If a clause or subclause is specifically intended to be applicable to ME equipment only, or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant.

Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard.

NOTE – See also 4.2 of the general standard.

This document is not applicable to high-frequency jet ventilators (HFJVs) or high-frequency oscillatory ventilators (HFOVs), which are given in ISO 80601-2-87[13].

This document does not specify the requirements for ventilators or accessories intended for critical care ventilators for ventilator-dependent patients, which are given in ISO 80601-2-12.

This document does not specify the requirements for ventilators or accessories intended for anaesthetic applications, which are given in ISO 80601-2-13[8].

This document does not specify the requirements for ventilators or accessories intended for home care ventilators for ventilator-dependent patients, which are given in ISO 80601-2-72[9].

This document does not specify the requirements for ventilators or accessories intended for emergency and transport, which are given in ISO 80601-2-84[12].

This document does not specify the requirements for ventilators or accessories intended for home-care ventilatory support, which are given in ISO 80601-2-79[10] and ISO 80601-2-80[11].

Projektleder: Lærke Høllund

11.040.25**Sprøjter, kanyler og katetre**

Syringes, needles and catheters

Offentliggjorte forslag

DSF/ISO/DIS 11040-3

Deadline: 2025-03-22

Relation: ISO

Identisk med ISO/DIS 11040-3

Præfyldte injektionssprøjter – Del 3: Forsegling til beholdere med dental lokalbedøvelse

ISO 11040-3:2012 specifies the shape, dimensions, material, performance requirements and labelling of seals for dental local anaesthetic cartridges intended for single use only.

NOTE The potency, purity, stability and safety of a medicinal product during its manufacture and storage can be significantly affected by the nature and performance of the primary packaging.

Projektleder: Bibi Nellemose

11.040.40**Implantater til kirurgi, protetik og ortoptik**

Implants for surgery, prosthetics and orthotics

Offentliggjorte forslag

DSF/ISO/DIS 6631

Deadline: 2025-03-01

Relation: ISO

Identisk med ISO/DIS 6631

Medicinsk vævsteknologi – Kvantificering af bovin type I-kollagenpeptid med væskrokromatografi – Tandemmassepektrometri

This standard provides a method for quantification of type I collagen which was extracted from bovine tissues (e.g. skin, tendon, bone, etc.) with liquid chromatography-mass spectrometry (LC-MS).

The method described in this standard is intended to be used for collagen-based scaffold which will be used for constructing tissue-engineered medical products (TEMPs), and as well as for collagen-based biomaterials used for tissue regeneration and reconstruction or wound dressing.

Projektleder: Lærke Høllund

11.040.55**Diagnostisk udstyr**

Diagnostic equipment

Nye Standarder

DS/EN IEC 60601-2-34:2024

DKK 810,00

Identisk med IEC 60601-2-34:2024 ED4 og EN IEC 60601-2-34:2024

Elektromedicinsk udstyr – Del 2-34: Særlige krav til grundlæggende sikkerhed og væsentlige funktionsegenskaber for udstyr til invasiv blodtryksmonitorering

IEC 60601-2-34:2024 applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of INVASIVE BLOOD PRESSURE MONI-

TORING EQUIPMENT as defined in 201.3.63, hereinafter also referred to as ME EQUIPMENT.

This document applies to INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT intended for use in professional healthcare facilities and in the EMERGENCY MEDICAL SERVICE ENVIRONMENT.

This document does not apply to catheter tubing, catheter needles, Luer locks, taps and tap tables that connect to the DOME.

This document does not apply to non-invasive blood pressure monitoring equipment.

If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as follows:

The clause or subclause applies to ME EQUIPMENT, as default and, only if the corresponding safety measure or function is not completely integrated into the ME EQUIPMENT but implemented as part of an ME SYSTEM, the clause or subclause applies to the ME SYSTEM.

IEC 60601-2-34:2024 cancels and replaces the third edition of IEC 60601-2-34 published in 2011 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- revision to align with IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020, as well as new versions of collateral standards and amendments thereto;
- expansion of the scope to the emergency medical service environment;
- changed essential performance in Table 201.101;
- changed requirement for ingress protection;
- added primary operating functions;
- deleted Annex BB Alarm diagrams.

Projektleder: Marika Vindbjerg

11.060.20**Tandlægeudstyr**

Dental equipment

Offentliggjorte forslag

DSF/ISO/DIS 11040-3

Deadline: 2025-03-22

Relation: ISO

Identisk med ISO/DIS 11040-3

Præfyldte injektionssprøjter – Del 3: Forsegling til beholdere med dental lokalbedøvelse

ISO 11040-3:2012 specifies the shape, dimensions, material, performance requirements and labelling of seals for dental local anaesthetic cartridges intended for single use only.

NOTE The potency, purity, stability and safety of a medicinal product during its manufacture and storage can be significantly affected by the nature and performance of the primary packaging.

Projektleder: Bibi Nellemose

11.080.20**Steriliserings- og desinfektionsmidler**

Disinfectants and antiseptics

Nye Standarder

DS/EN 17122:2019+A1:2024

DKK 575,00

Identisk med EN 17122:2019+A1:2024

Kemiske desinfektionsmidler og antiseptika – Kvantitativ ikke-porøs overfladetest til vurdering af kemiske desinfektionsmidlers og antiseptikas antimikrobielle effekt over for virus inden for veterinærrområdet – Testmetode og krav – fase 2, trin 2

This European Standard specifies a test method and the minimum requirements for virucidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation when diluted with hard water, or – in the case of ready-to-use-products – with water.

This European Standard applies to products that are used in the veterinary area on non-porous surfaces without mechanical action i.e. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry to the processing industry. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

NOTE 1 – The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used.

NOTE 2 – This method corresponds to a Phase 2 Step 2 test.

NOTE 3 – Using this European Standard, it is possible to determine the virucidal activity of the undiluted product.

NOTE 4 – This standard uses Porcine Parvovirus because Bovine Enterovirus Type 1 (ECBO) virus used in the suspension test EN 14675 cannot be used for surface testing because of its loss of titre during drying. Porcine

Parvovirus has comparable resistance to ECBO virus.

Projektleder: Lærke Høllund

11.100.10**In vitro-diagnostiske testsystemer**

In vitro diagnostic test systems

Nye Standarder

DS/EN ISO 5649:2024

DKK 747,00

Identisk med ISO 5649:2024

og EN ISO 5649:2024

Medicinske laboratorier – Begreber og specifikationer for udformning, udvikling, implementering og brug af laboratorieudviklede prøvninger

This document establishes requirements for assuring quality, safety, performance and documentation of laboratory-developed tests (LDTs) as per their intended use for the diagnosis, prognosis, moni-

toring, prevention or treatment of medical conditions.

It outlines the general principles and assessment criteria by which an LDT shall be designed, developed, characterized, manufactured, validated (analytically and clinically) and monitored for internal use by medical laboratories.

The scope includes regulatory authority approved IVD medical devices that are used in a manner differing from approved labelling or instructions for use for that device (e.g. use of a sample type not included in the intended use, use of instruments or reagents not included in the labelling).

While this document follows a current best practice and state-of-the-art approach, it does not provide specific details on how to achieve these requirements within specific disciplines of the medical laboratory nor specific technology platforms.

This document does not specify requirements for examination procedures developed by research or academic laboratories developing and using testing systems for non-IVD purposes. However, the concepts presented in this document can also be useful for these laboratories.

This document does not apply to the design, development and industrial production of commercially used IVD medical devices.

Projektleder: Nina Kjar

DS/ISO 5649:2024

DKK 665,00

Identisk med ISO 5649:2024

Medicinske laboratorier – Begreber og specifikationer for udformning, udvikling, implementering og brug af laboratorieu udviklede prøvninger

This document establishes requirements for assuring quality, safety, performance and documentation of laboratory-developed tests (LDTs) as per their intended use for the diagnosis, prognosis, monitoring, prevention or treatment of medical conditions.

It outlines the general principles and assessment criteria by which an LDT shall be designed, developed, characterized, manufactured, validated (analytically and clinically) and monitored for internal use by medical laboratories.

The scope includes regulatory authority approved IVD medical devices that are used in a manner differing from approved labelling or instructions for use for that device (e.g. use of a sample type not included in the intended use, use of instruments or reagents not included in the labelling).

While this document follows a current best practice and state-of-the-art approach, it does not provide specific details on how to achieve these requirements within specific disciplines of the medical laboratory nor specific technology platforms.

This document does not specify requirements for examination procedures developed by research or academic laboratories developing and using testing systems for non-IVD purposes. However, the concepts presented in this document can also be useful for these laboratories.

This document does not apply to the design, development and industrial pro-

duction of commercially used IVD medical devices.

Projektleder: Nina Kjar

11.100.20

Biologisk vurdering af medicinsk udstyr

Biological evaluation of medical devices

Nye Standarder

DS/EN ISO 14155:2020/A11:2024

DKK 320,00

Identisk med EN ISO 14155:2020/A11:2024

Klinisk afprøvning af medicinsk udstyr til mennesker – God klinisk praksis

This document addresses good clinical practice for the design, conduct, recording and reporting of clinical investigations carried out in human subjects to assess the clinical performance or effectiveness and safety of medical devices.

For post-market clinical investigations, the principles set forth in this document are intended to be followed as far as relevant, considering the nature of the clinical investigation (see Annex I).

This document specifies general requirements intended to

– protect the rights, safety and well-being of human subjects,

– ensure the scientific conduct of the clinical investigation and the credibility of the clinical investigation results,

– define the responsibilities of the sponsor and principal investigator, and

– assist sponsors, investigators, ethics committees, regulatory authorities and other bodies involved in the conformity assessment of medical devices.

NOTE 1 – Users of this document need to consider whether other standards and/or national requirements also apply to the investigational device(s) under consideration or the clinical investigation. If differences in requirements exist, the most stringent apply.

NOTE 2 – For Software as a Medical Device (SaMD) demonstration of the analytical validity (the SaMD's output is accurate for a given input), and where appropriate, the scientific validity (the SaMD's output is associated to the intended clinical condition/physiological state), and clinical performance (the SaMD's output yields a clinically meaningful association to the target use) of the SaMD, the requirements of this document apply as far as relevant (see Reference [4]). Justifications for exemptions from this document can consider the uniqueness of indirect contact between subjects and the SaMD.

This document does not apply to in vitro diagnostic medical devices. However, there can be situations, dependent on the device and national or regional requirements, where users of this document might consider whether specific sections and/or requirements of this document could be applicable.

Projektleder: Lone Skjorning

11.120.10

Medikamenter

Medicaments

Nye Standarder

DS/ISO/TR 23975:2025

DKK 955,00

Identisk med ISO/TR 23975:2025

Traditionel kinesisk medicin – Prioriteret liste over medicin med en enkelt urt til brug for udarbejdelse af standarder

This document provides a reference of single herbal medicines in order of their priority in the development of international standards.

This document also provides a reference of the principles and the methodology for the priority evaluation of single herbal medicines.

In addition to text written in the official ISO languages (English, French, Russian), this document gives text in Chinese. This text is published under the responsibility of the Member Body for China (SAC) and is given for information only. Only the text given in the official languages can be considered as ISO text.

11.180

Hjælpemidler til funktionshæmmede eller handicappede personer

Aids for disabled or handicapped persons

Nye Standarder

DS/IEC 63310:2025

DKK 470,00

Identisk med IEC 63310:2025 ED1

Kriterier for funktional ydeevne for robotter anvendt i AAL-forbundne hjemmemiljøer

IEC 63310:2025 deals with the functional performance criteria and guidelines for robots intended for use in the active assisted living connected home environment (AAL CHE).

This document does not cover safety requirements of robots.

This document is applicable to robots which provide the AAL user (or AAL care recipient) with one or more of the following services and support in the AAL CHE:

- information and data management;
- monitoring service;
- communication support;
- activity support;
- mobility support;
- other support.

AAL robots can be subject to additional relevant regulations and standards.

This document is not applicable to robots used for medical purposes.

Projektleder: Marika Vindbjerg

11.180.10**Bevægelseshjælpemidler og tilpasning**

Aids and adaptation for moving

Offentliggjorte forslag**DSF/ISO/DIS 16840-6****Deadline: 2025-03-14**

Relation: ISO

Identisk med ISO/DIS 16840-6

Kørestolssæder – Del 6: Bestemmelse af siddepuders egenskaber efter simuleret brug

ISO 16840-6:2015 specifies apparatus, test methods, and disclosure requirements for generating aging effects in a seat cushion that reproduce those seen in use. It also provides methods of determining changes in the physical and mechanical properties of seat cushions based on their age and use. ISO 16840-6:2015 provides a set of tests that simulate wear and tear, which can be useful to validate warranty claims and to provide information about product, life, and performance limitations associated with product use.

Projektleder: Lærke Høllund

11.180.20**Hjælpemidler til inkontinens og stomi**

Aids for incontinence and ostomy

Offentliggjorte forslag**DSF/prEN ISO 15621****Deadline: 2025-03-09**

Relation: CEN

Identisk med ISO/DIS 15621

og prEN ISO 15621

Urin- og/eller afføringsabsorberende hjælpemidler – Generelle retningslinjer for evaluering

ISO 15621:2017 gives guidelines for evaluating absorbent incontinence aids for urine and/or faeces. It provides a context for the procedures described in other International Standards and published testing procedures. General factors relating to incontinence products and their usage are also addressed.

Projektleder: Lærke Høllund

11.180.30**Hjælpemidler til blinde eller svagsygnede personer**

Aids for blind or partially sighted people

Offentliggjorte forslag**DSF/prEN 18156****Deadline: 2025-03-31**

Relation: CEN

Identisk med prEN 18156

Taktil skrift – Krav til fremstilling og anvendelse af braille og taktile skrifttyper

This document specifies requirements and technical specifications for information in tactile lettering in the built environment.

It sets out rules for content, design, arrangement and application of information ele-

ments so that blind and partially sighted people are able to locate, identify, fluently read and interpret this information.

This document does not describe technical methods for producing tactile lettering.

This document only applies to permanently installed tactile lettering.

Projektleder: Lærke Høllund

13.020.01**Miljø og miljøbeskyttelse. Generelt**

Environment and environmental protection in general

Offentliggjorte forslag**DSF/prEN IEC 62321-13:2025****Deadline: 2025-03-24**

Relation: CLC

Identisk med IEC 62321-13 ED1

og prEN IEC 62321-13:2025

Bestemmelse af særlige stoffer i elektrotekniske produkter – Del 13: Bisphenol A i plastik ved hjælp af påvisning ved væske-kromatografi-diode-array (LC-DAD), væske-kromatografi med massespektrometri (LC-MS) og væske-kromatografi med tandemmassespektrometri (LC-MS/MS)

This International standard specifies three techniques for the determination of free Bisphenol A (BPA) in plastics of electrochemical products.

The liquid chromatography – diode array detector (LC-DAD) and liquid chromatography mass spectrometry (LC-MS) and liquid chromatography tandem mass spectrometry (LC-MS/MS). These test methods are described in the normative part of this standard. These test methods have been evaluated for use with PC, PC/ABS, PP matrices containing free BPA between 20 mg/kg to 500 mg/kg as shown in the Pre-IIS 13 results in Annex C and IIS 13 results in Annex D. The use of these methods for BPA concentration ranges of plastics, other than those specified in Annex C, Annex D has not been evaluated.

Projektleder: Charlotte Vincentz Fischer

13.020.10**Miljøledelse**

Environmental management

Nye Standarder**DS/ISO 14001:2015/Amd 1:2024**

DKK 0,00

Identisk med ISO 14001:2015/Amd 1:2024

Miljøledelsessystemer – Krav og vejledning – Tillæg 1: Tiltag i forbindelse med klimaforandringer

ISO 14001:2015 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.

ISO 14001:2015 helps an organization achieve the intended outcomes of its environmental management system,

which provide value for the environment, the organization itself and interested parties. Consistent with the organization's environmental policy, the intended outcomes of an environmental management system include:

- enhancement of environmental performance;
- fulfilment of compliance obligations;
- achievement of environmental objectives.

ISO 14001:2015 is applicable to any organization, regardless of size, type and nature, and applies to the environmental aspects of its activities, products and services that the organization determines it can either control or influence considering a life cycle perspective. ISO 14001:2015 does not state specific environmental performance criteria.

ISO 14001:2015 can be used in whole or in part to systematically improve environmental management. Claims of conformity to ISO 14001:2015, however, are not acceptable unless all its requirements are incorporated into an organization's environmental management system and fulfilled without exclusion.

Projektleder: Maria de Freiesleben Christoffersen

13.020.20**Miljøøkonomi. Bæredygtighed**

Environmental economics. Sustainability

Offentliggjorte forslag**DSF/ISO/DIS 16499-1****Deadline: 2025-03-22**

Relation: ISO

Identisk med ISO/DIS 16499-1

Bæredygtig mobilitet og transport – Automatiseret mobilitet ved hjælp af fysisk og digital infrastruktur – Del 1: Servicerollearkitektur

This document describes a basic role model of smart city automated mobility services as a common platform for smart city instantiation. It provides a paradigm describing:

- a) a framework architecture for the provision of an automated mobility service
- b) a description of the concept of operations, and the role models
- c) a conceptual architecture between actors involved in the provision/receipt of automated mobility service/applications
- d) references for the key documents on which the architecture is based
- e) a taxonomy of the organization of generic procedures. scope is specialized in defining the requirements of the basic role and functional model of service for the introduction of automated mobility services including infrastructure facilities to support mobility in urban and rural areas.

In-vehicle control system is not in scope of this document.

Projektleder: Tomas Lundstrøm

DSF/prEN ISO 14093
Deadline: 2025-03-17

Relation: CEN

Identisk med ISO 14093:2022

og prEN ISO 14093

Mekanismer anvendt ved finansiering af lokale klimatilpasninger – Præstationsbaseret bevilling til robust klimatilpasning – Krav og retningslinjer

This document establishes an approach and methodology for a country-based mechanism to channel climate finance to subnational authorities to support climate change adaptation and to increase local resilience thereby contributing to the achievement of the goals of the 2015 Paris Agreement of the United Nations Framework Convention on Climate Change (UNFCCC) and the UN Sustainable Development Goals (SDGs). The country-based mechanism uses performance-based climate resilience grants (PBCRGs) which ensure programming and verification of climate change expenditures at the local level, offering strong incentives for performance improvements in enhanced resilience.

This document provides requirements and guidelines and is applicable to organizations such as national and subnational authorities, donors, companies, financial institutions and international organizations that are involved in implementing a country-based mechanism for channelling climate finance to subnational authorities to support climate change adaptation and resilience.

NOTE – Another mechanism for supporting local adaptation is by direct support at the local level by donors without any financial flows from national government.

Projektleder: Kasper Hillgaard Mühlbach

13.020.40

Forurening, forureningsbekæmpelse og miljøbevarende foranstaltninger

Pollution, pollution control and conservation

Offentliggjorte forslag

DSF/FprCEN ISO/TS 14092

Deadline: 2025-03-24

Relation: CEN

Identisk med ISO/TS 14092:2020

og FprCEN ISO/TS 14092

Tilpasning til klimaforandringer – Krav og vejledning til tilpasningsplanlægning i lokaladministrationer og -samfund

This document specifies requirements and guidance on adaptation planning for local governments and communities.

This document supports local governments and communities in adapting to climate change based on vulnerability, impacts and risk assessments. In working with relevant interested parties, it also supports the setting of priorities, and the development and subsequent updating of an adaptation plan.

Projektleder: Kasper Hillgaard Mühlbach

13.020.99

Andre standarder vedrørende miljøbeskyttelse

Other standards related to environmental protection

Offentliggjorte forslag

DSF/ISO/DIS 6319

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO/DIS 6319

Skibs- og marineteknologi – Beskyttelse af havmiljø – Udførelse og dokumentation af rengøring til bekæmpelse af marin begroning under vandlinjen

This document provides best practices for planning and conducting in-water cleaning (IWC) operations safely, efficiently and in an environmentally sound manner. Additionally, this document provides best practices for reporting on the effectiveness of IWC operations.

This document addresses all forms of IWC of external submerged surfaces, which are hull and niche areas, all types and levels of biofouling, which means biofilms, micro-fouling and macrofouling, conducted both with and without capture. It does not address internal piping.

The document has been established to inform ports, regulatory agencies, ship biofouling IWC service providers, inspection service providers, IWC equipment manufacturers, coating manufacturers, ship owners, ship managers, ship operators and other relevant stakeholders.

Projektleder: Per Velk

13.030.20

Flydende affald. Slam

Liquid wastes. Sludge

Nye Standarder

DS/CWA 18153:2024

DKK 810,00

Identisk med CWA 18153:2024

Udnyttelse fra saltvand – Genvinding af mineraler og metaller fra saltvand i anlæg til afsaltning af havvand

According to the European Critical Raw Material Act, the diversification of raw material supply chains is fostered.

The Sea4Value project contributes to the diversification of raw materials sourcing and aims to secure the supply of raw materials from already existing sources. Brines produced in seawater desalination plants are multi-mineral and are an enormous potential source of minerals and metals as 19,744 plants are installed worldwide. By now, these brines are not broadly used for the extraction of (critical) raw materials, instead the brines are discarded. See Figure 1.

The EU-funded Sea4Value project is the first attempt to recover minerals and metals from brines produced in seawater desalination plants (SWDP) in a cost-effective way. The main focus is on separating, concentrating and crystallising Molybdenum, Magnesium, Scandium, Vanadium, Gallium, Boron, Indium, Lithium, Rubidium and Calcium from brines, where they can be found in low concentrations. To do

that, a multiminerall and modular process is developed for brine valorisation. The implementation of brine valorisation in seawater desalination plants offers new business opportunities, which can bring value to markets, environment, and society.

With this CEN Workshop, brine valorisation, i.e. brine mining, is to be standardised so that it can serve as a building block for a secure supply of raw materials in the future. To achieve this, it is necessary to remove the barriers to the introduction of a new process and new raw materials by ensuring reliability, knowledge transfer, and quality. Common standards help remove technical barriers to trade, open up markets and make businesses more competitive.

This CEN Workshop Agreement (CWA) which has been developed by the CEN Workshop aims to provide guidance and recommendations on best practices for sustainable brine valorisation to ensure transfer of innovation into practice. The guidance refers on the processing of brines to recover minerals and metals and on the properties of the recovered minerals and metals.

In order to achieve a common understanding, a language for describing brine valorisation needs to be developed as well as terms and system boundaries of brine valorisation need to be defined.

Moreover, the CWA describes, explains, and agrees on the core process steps of brine valorisation. This includes advice on the fundamental prerequisites; pre-treatment, key (technologic) elements/methods and post-treatment are specified and recommendations for planning, design, implementation and operation are given.

The CWA provides recommendations on good practice approaches, advice on the requirements of circularity in SWDP as well as considerations on environmental and economic impacts and evaluation. Besides the recommendations for the process of brine valorisation, recommendations are also made for the recovered product, the minerals and metals, to ensure that the new products meet the market demand.

The CEN Workshop Agreement is intended to be used by operators of seawater desalination plants, engineering companies, end-users, traders and distributor of recovered minerals and metals as well as government and environmental authorities.

The CWA does not provide guidance and recommendations for sustainable valorisation of brines that are not produced in seawater desalination plants.

Projektleder: Pernille Rasmussen

13.030.50**Materialegenanvendelse**

Recycling

Nye Standarder**DS/CEN/TS 18116:2024**

DKK 320,00

Identisk med CEN/TS 18116:2024

Termoplastrør og fittings – Retningslinjer for genanvendeligt design

This document specifies design for recycling guidelines for thermoplastics pipes and fittings, used as construction products or used for water supply to irrigation systems.

NOTE 1 – Components used in irrigation systems such as flexibles and drip lines are not part of this document.

NOTE 2 – Pipes and fittings used for cable management are not part of this document.

NOTE 3 – Packaging of pipes and fittings is not part of this document.

The guidelines in this document are developed to facilitate mechanical recycling.

NOTE 4 – The guidelines could also be beneficial for chemical recycling.

Thermoplastics pipes and fittings are considered to be those, where the total volume of the thermoplastic compound/formulation exceeds 50 %.

This document can also be used for other thermoplastics products used in a piping system such as manholes, inspection chambers, infiltration boxes and valves.

Projektleder: Henryk Stawicki

DS/EN 17188:2024

DKK 355,00

Identisk med EN 17188:2024

Materialer fra udtjente dæk (ELT) – Prøvedtag af granulat og pulvere opbevaret i bigbags og smallbags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags.

Sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived.

The methods specified in this document are applicable, for example, when the samples are to be tested for e.g. bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, impurities.

Projektleder: Mette Juul Sandager

DS/EN 17189:2024

DKK 320,00

Identisk med EN 17189:2024

Materialer fra udtjente dæk (ELT) – Bestemmelse af granulat og pulvers faktiske densitet – Metode baseret på vandpyknometri

This document specifies methods and test protocols used to determine the true den-

sity of granulates and powders produced from ELTs, based on water pycnometry.

This document is applicable for powders and granulates below 12 mm.

Projektleder: Mette Juul Sandager

13.040.01**Luftkvalitet. Generelt**

Air quality in general

Nye Standarder**DS/ISO/TR 24107:2024**

DKK 810,00

Identisk med ISO/TR 24107:2024

Luftkvalitet – Validering af metoder til måling af luftkvalitet i standardiseringsprocessen

This document provides an overview of the validation of air quality measurement methods in the standardization process.

This document deals with robustness testing and interlaboratory testing as the two main steps of partial and full validation. It applies to the different inter-related elements of air quality measurement methods, covering e.g. sampling, sample preparation, storage and transportation of the sample, extraction, analysis or quantification of a measured component and reporting.

Consequently, this document focuses on the "why" and "what" of validation tasks in direct relation to the different steps of the standardization process. This document is focused on the validation tasks for measurement methods either for the whole measurement process or for one of its constituent parts.

Given the informative aim of this document, it does not contain detailed procedures for performing the validation tasks, such as number of laboratories, number of samples, etc.

This document is relevant to measurement methods in ISO/TC 146 and all of its subcommittees.

Projektleder: Lone Skjerning

13.040.20**Omgivende luft**

Ambient atmospheres

Nye Standarder**DS/EN 14211:2024**

DKK 1.055,00

Identisk med EN 14211:2024

Luftkvalitet – Standardmetode til måling af koncentrationen af nitrogen-dioxid og nitrogenmonoxid ved kemiluminescens

This document specifies a continuous measurement method for the determination of the concentrations of nitrogen dioxide and nitrogen monoxide present in ambient air based on the chemiluminescence measuring principle. This document describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate chemiluminescence analyser by means of type testing. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data

quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use.

The method is applicable to the determination of the concentration of nitrogen dioxide present in ambient air up to 500 µg/m³. This concentration range represents the certification range for nitrogen dioxide for type testing.

The method is applicable to the determination of the concentration of nitrogen monoxide present in ambient air up to 1 200 µg/m³. This concentration range represents the certification range for nitrogen monoxide for the type testing.

NOTE 1 – It is possible to use other ranges depending on the levels present in ambient air.

NOTE 2 – When this document is used for purposes other than for measurements required by Directive 2008/50/EC, the ranges and uncertainty requirements possibly do not apply.

The method covers the determination of ambient air concentrations of nitrogen dioxide and nitrogen monoxide in zones classified as rural areas, urban-background areas, traffic-orientated locations and locations influenced by industrial sources.

The results are expressed in µg/m³ (at 20 °C and 101,3 kPa).

NOTE 3 – 500 µg/m³ of nitrogen dioxide corresponds to 261 nmol/mol of nitrogen dioxide at 20 °C and 101,3 kPa. 1 200 µg/m³ of nitrogen monoxide corresponds to 962 nmol/mol of nitrogen monoxide at 20 °C and 101,3 kPa.

This document contains information for different groups of users.

Clause 5 to Clause 7 and Annex B and Annex C contain general information about the principles of NO_x measurement by chemiluminescence analyser and sampling equipment.

Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type testing of NO_x analysers. These sections contain information about:

- type testing conditions, test procedures and test requirements;
- analyser performance requirements;
- evaluation of the type testing results;
- evaluation of the uncertainty of the measurement results of the NO_x analyser based on the type testing results.

Clause 9 to Clause 11 and Annex F and Annex G are directed towards monitoring networks performing the practical measurements of NO_x in ambient air. These sections contain information about:

- initial installation of the analyser in the monitoring network and acceptance testing;
- ongoing quality assurance/quality control;
- calculation and reporting of measurement results;
- evaluation of the uncertainty of measurement results under practical monitoring conditions.

This document represents an evolution of earlier editions (EN 14211:2005 and EN 14211:2012). It is advisable that when equipment is procured it complies fully with this document.

NOTE 4 – Type testing performed prior to the publication of this document for the

purpose of demonstrating equivalence are still valid.

NOTE 5 – Analysers type tested prior to the publication of this document remain valid for use for regulated monitoring purposes.

Projektleder: Lone Skjærning

DS/EN 14212:2024

DKK 1.055,00

Identisk med EN 14212:2024

Luftkvalitet – Standardmetode til måling af koncentrationen af svovldioxid ved hjælp af ultraviolet fluorescens

This document specifies a continuous measurement method for the determination of the concentration of sulfur dioxide present in ambient air based on the ultraviolet fluorescence measuring principle. This document describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate ultraviolet fluorescence analyser by means of type testing. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use.

The method is applicable to the determination of the mass concentration of sulphur dioxide present in ambient air up to 1000 µg/m³. This concentration range represents the certification range for sulfur dioxide for type testing.

NOTE 1 – It is possible to use other ranges depending on the levels present in ambient air.

NOTE 2 – When this document is used for purposes other than for measurements required by Directive 2008/50/EC, the ranges and uncertainty requirements possibly do not apply.

The method covers the determination of ambient air concentrations of sulfur dioxide in locations classified as rural areas, urban-background areas, and for sampling influenced by traffic or industrial sources.

The results are expressed in µg/m³ (at 20 °C and 101,3 kPa).

NOTE 3 – 1 000 µg/m³ of SO₂ corresponds to 376 nmol/mol of SO₂.

This document contains information for different groups of users.

Clause 5 to Clause 7 and Annex C and Annex D contain general information about the principles of sulfur dioxide measurement by ultraviolet fluorescence analyser and sampling equipment.

Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type testing of sulfur dioxide analysers. These sections contain information about:

- type testing conditions, test procedures and test requirements;
 - analyser performance requirements;
 - evaluation of the type testing results;
 - evaluation of the uncertainty of the measurement results of the sulfur dioxide analyser based on the type testing results.
- Clause 9 to Clause 11 and Annex F and Annex G are directed towards monitoring networks performing the practical mea-

surements of sulfur dioxide in ambient air. These sections contain information about:

- initial installation of the analyser in the monitoring network and acceptance testing;
- ongoing quality assurance/quality control;
- calculation and reporting of measurement results;
- evaluation of the uncertainty of the measurement results under practical monitoring conditions.

This document represents an evolution of earlier editions (EN 14212:2005 and EN 14212:2012). It is advisable that when equipment is procured it complies fully with this document.

NOTE 4 – Type testing performed prior to the publication of this document for the purpose of demonstrating equivalence are still valid.

NOTE 5 – Analysers type tested prior to the publication of this document remain valid for use for regulated monitoring purposes.

Projektleder: Lone Skjærning

DS/EN 14625:2024

DKK 955,00

Identisk med EN 14625:2024

Luftkvalitet – Standardmetode til måling af koncentrationen af ozon ved ultraviolet fotometri

This European Standard specifies a continuous measurement method for the determination of the concentrations of ozone present in ambient air based on the ultraviolet photometric measuring principle. This standard describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate ultraviolet photometric analyser by means of type approval tests. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use.

The method is applicable to the determination of the concentration of ozone present in ambient air up to 500 µg/m³.

This concentration range represents the certification range for ozone for the type approval test.

NOTE 1 – Other ranges may be used for measurement systems applied at rural locations monitoring ecosystems.

NOTE 2 – When the standard is used for other purposes than Directive 2008/50/EC, the ranges and uncertainty requirements may not apply.

The method covers the determination of ambient air concentrations of ozone in zones classified as rural areas, urban and urban-background areas.

The results are expressed in µg/m³ (at 20 °C and 101,3 kPa).

NOTE 3 – 500 µg/m³ of O₃ corresponds to 250 nmol/mol of O₃ at 20 °C and 101,3 kPa.

This standard contains information for different groups of users.

Clauses 5 to 7 and Annexes B and C contain general information about the principles of ozone measurement by ultraviolet

photometric analyser and sampling equipment.

Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type-approval testing of ozone analysers. These sections contain information about:

- type-approval test conditions, test procedures and test requirements;
 - analyser performance requirements;
 - evaluation of the type-approval test results;
 - evaluation of the uncertainty of the measurement results of the ozone analyser based on the type-approval test results.
- Clauses 9 to 11 and Annexes F and G are directed towards monitoring networks performing the practical measurements of ozone in ambient air. These sections contain information about:
- initial installation of the analyser in the monitoring network and acceptance testing;
 - ongoing quality assurance/quality control;
 - calculation and reporting of measurement results;
 - evaluation of the uncertainty of measurement results under practical monitoring conditions.

Projektleder: Lone Skjærning

DS/EN 14626:2024

DKK 955,00

Identisk med EN 14626:2024

Luftkvalitet – Standardmetode til måling af koncentrationen af kulilte ved ikke-spredende infrarød spektroskopi

This European Standard specifies a continuous measurement method for the determination of the concentration of carbon monoxide present in ambient air based on the non-dispersive infrared spectroscopic measuring principle.

This standard describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate non-dispersive infrared spectroscopic analyser by means of type approval tests. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use.

The method is applicable to the determination of the mass concentration of carbon monoxide present in ambient air up to 100 mg/m³ carbon monoxide. This concentration range represents the certification range for the type approval test.

NOTE 1 – Other ranges may be used depending on the levels present in ambient air.

NOTE 2 – When the standard is used for other purposes than for measurements required by Directive 2008/50/EC, the ranges and uncertainty requirements may not apply.

The method covers the determination of ambient air concentrations of carbon monoxide in zones classified as rural areas, urban-background areas and traffic-ori-

entated locations and locations influenced by industrial sources.

The results are expressed in mg/m³ (at 20 °C and 101,3 kPa).

NOTE 3 – 100 mg/m³ of CO corresponds to 86 µmol/mol of CO.

This standard contains information for different groups of users.

Clauses 5 to 7 and Annexes B, C and D contain general information about the principles of carbon monoxide measurement by non-dispersive infrared spectroscopic analyser and sampling equipment.

Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type-approval testing of carbon monoxide analysers. These sections contain information about:

- type-approval test conditions, test procedures and test requirements;
- analyser performance requirements;
- evaluation of the type-approval test results;
- evaluation of the uncertainty of the measurement results of the carbon monoxide analyser based on the type approval test results.

Clauses 9 to 11 and Annex F are directed towards monitoring networks performing the practical measurements of carbon monoxide in ambient air. These sections contain information about:

- initial installation of the analyser in the monitoring network and acceptance testing;
- ongoing quality assurance/quality control;
- calculation and reporting of measurement results;
- evaluation of the uncertainty of measurement results under practical monitoring conditions.

Projektleder: Lone Skjerning

DS/EN 14750:2024

DKK 1.055,00

Identisk med EN 14750:2024

Jernbaner – Varme-, ventilations- og airconditionlæg beregnet til rullende materiel: Komfortparametre og typeprøvnings

This document establishes thermal comfort parameters for areas accessible to passengers and staff on railway vehicles.

This document also specifies conditions, performance values and the comfort parameter validation methods.

This document is applicable to urban (metro, tramway), suburban and/or regional vehicles equipped with cooling and/or heating/ventilation systems. This document does not apply to main line vehicles and driver's cabs which are considered in separate Standards.

Projektleder: Per Velk

13.040.40

Emissioner fra stationære kilder

Stationary source emissions

Nye Standarder

DS/EN 14385:2024

DKK 810,00

Identisk med EN 14385:2024

Emissioner fra stationære kilder – Bestemmelse af den totale emission af As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl og V

This document specifies a manual reference method for the determination of the mass concentration of specific elements in stationary source emissions. The method is applicable to each of the specific elements in the concentration range of 0,005 mg/m³ to 5 mg/m³.

This document has been validated for the determination of the mass concentration of metals in incineration exhaust gases – applying the performance criteria stated in Clause 9 – for the following elements:

- arsenic (As), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), manganese (Mn), nickel (Ni), lead (Pb), antimony (Sb), thallium (Tl), and vanadium (V) and their compounds.

The document can be used to determine metals other than those listed above (for example, selenium (Se) (ISO 17211), tellurium (Te), beryllium (Be), tin (Sn) and zinc (Zn)).

NOTE 1 – These other metals mentioned above are commonly required by National Regulations, but this document currently has not yet been validated for these metals.

The document was validated for waste incinerators, but it is also applicable to other industrial processes, the practical experience shows that it can be applied over wide concentration ranges and various emission sources.

If mercury is intended to be determined as well, this can be sampled in a side stream arrangement of the sampling train (EN 13211) [5].

NOTE 2 – This document has been validated with the described materials, equipment, sampling, and digestion performances etc., followed by analyses with atomic absorption spectroscopy (AAS) and inductively coupled plasma optical emission spectroscopy (ICP-OES,) or inductively coupled mass spectrometry (ICP-MS). This does not exclude the use of other types of equipment or analyses that meet the requirements and have been proven to be equivalent to the described European Standard.

Projektleder: Lone Skjerning

DS/ISO 19694-4:2023

DKK 470,00

Identisk med ISO 19694-4:2023

Emissioner fra stationære kilder – Bestemmelse af drivhusgas (GHG) i energiintensive industrier – Del 4: Aluminiumindustri

This document specifies a harmonized method for calculating the emissions of greenhouse gases from the electrolysis section of primary aluminium smelters and aluminium anode baking plants. This document also specifies key performance

indicators for the purpose of benchmarking of aluminium and boundaries.

Projektleder: Lone Skjerning

13.060.01

Vandkvalitet. Generelt

Water quality in general

Nye Standarder

DS/ISO/TR 24589-1:2024

DKK 747,00

Identisk med ISO/TR 24589-1:2024

Eksempler på god asset management-praksis inden for vandforsynings- og spildevandssystemer – Del 1: Vandforsyning

This document contains selected examples for good practice approaches for the management of assets of drinking water supply systems. This document is intended as a supporting document for ISO 24516-1 and ISO 24516-2, which contain guidelines for the management of assets of drinking water systems. As such, this document can contribute to realize value from existing assets when following the guidelines for the management of assets of drinking water systems approaches in the strategic, tactical, and operational plans given in ISO 24516-1 and ISO 24516-2.

NOTE A recapitulative table of the examples covered in this document is provided in Annex A.

Projektleder: Henryk Stawicki

13.060.25

Vand til industribrug

Water for industrial use

Nye Standarder

DS/IEC TS 63165:2024

DKK 525,00

Identisk med IEC TS 63165:2024 ED1

Krav til industrielle systemer til analyse af vandkvalitet – Fotometri

IEC TS 63165:2024 applies to the industrial water quality analyzer system that uses a photometric method to determine the concentration of one or more chemical components in industrial water (water used in manufacturing, processing, cooling, washing, boiler, etc).

The objective of this document is to:

- specify the terminology and definitions related to the performance characteristics of a photometric industrial water quality analyzer system;
- unify the performance expression and verifying methods of such an analyzer system;
- specify the test procedures to be used in making statements on the performance characteristics of a photometric industrial water quality analyzer system.

Projektleder: Søren Lütken Storm

13.060.45

Undersøgelse af vand. Generelt

Examination of water in general

Offentliggjorte forslag

DSF/prEN 18069

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 18069

Vandundersøgelse – Minimumkrav til valg, installation, validering og drift af måleudstyr

This document specifies requirements for the selection, installation, qualification, and operation of continuous measuring devices (CMDs). The overall objective is to obtain representative and reliable measurements when using CMDs to monitor water quality.

This document applies to continuous measuring devices for monitoring physical and chemical parameters in different types of water.

Projektleder: Maria de Freiesleben Christoffersen

13.080.10

Jords kemiske egenskaber

Chemical characteristics of soils

Offentliggjorte forslag

DSF/ISO/DIS 13196

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 13196

Jordundersøgelse – Sortering af udvalgte elementer ved energifordelende røntgenfluorescensspektrometri ved brug af håndholdt eller transportabelt instrument

ISO 13196:2013 specifies the procedure for screening soils and soil-like materials for selected elements when handheld or portable energy-dispersive XRF spectrometers are used. This quick method is assumed to be applied on-site to obtain qualitative or semiquantitative data that assists decisions on further sampling strategy for assessing soil quality. The higher the efforts for pretreatment used on soil samples, the better the analytical results can be expected.

ISO 13196:2013 does not explicitly specify elements for which it is applicable, since the applicability depends on the performance of the apparatus and the objective of the screening. The elements which can be determined are limited by the performance of the instruments used, the concentration of the element present in the soil, and the requirements of the investigation (e.g. guideline value).

For Hg, Cd, Co, Mo, V and Sb, a majority of instruments are not sensitive enough to reach sufficiently low limits of quantification (LOQ) to meet the requirements (limit or threshold values) set in the ordinances of different countries. In this case, other methods need to be employed to measure these low concentrations. Usually, wet chemical methods are used, based on aqua regia extracts, in combination with optical or mass spectrometric (MS) methods like atomic absorption spectrometry (AAS),

inductively coupled plasma/optical emission spectrometry (ICP/OES) or ICP/MS.

Projektleder: Maria de Freiesleben Christoffersen

13.110

Maskinsikkerhed

Safety of machinery

Offentliggjorte forslag

DSF/ISO/DIS 11553-2

Deadline: 2025-03-15

Relation: ISO

Identisk med ISO/DIS 11553-2

Maskinsikkerhed – Lasermaskiner – Del 2: Sikkerhedskrav til håndholdte eller håndbetjente lasermaskiner

This document specifies the requirements for hand-held or hand-operated laser processing machines (HLM)

and their components as well as assemblies. HLM is the machine in which laser radiation is generated, where the laser provides sufficient energy/power to cause a phase transition in a part of the workpiece and where the laser output or workpiece to be processed is guided manually or hand-held during the laser process.

HLM includes the laser device, beam-guiding device (e.g., mirror, fibre, lenses), beam-shaping device (e.g., telescope, focusing), and controls. The laser assembly as an integral part of the HLM or only the laser processing head is hand-held or hand-operated during the laser process.

This document does not apply:

- to laser processing machines which are remotely controlled by a manual controller (hand-operated controller), such as joy sticks, keyboard, etc., without touching a workpiece or a part mechanically connected with the laser processing head by using the hand(s) of the operator (user).

- to laser processing machines without a drive system which may not belong to machinery. And the laser processing apparatus without moving parts, which may not be considered as machinery in "Type C standard".

Projektleder: Nina Kjar

DSF/prEN IEC 62046:2024

Deadline: 2025-03-05

Relation: CLC

Identisk med IEC 62046 ED2

og prEN IEC 62046:2024

Maskinsikkerhed – Anvendelse af beskyttelsesudstyr til tilstedeværelsesdetektion

This International Standard specifies requirements for the selection, positioning, configuration and commissioning of sensitive protective equipment to detect the momentary or continued presence of persons in order to protect those persons from dangerous part(s) of machinery in industrial applications. This standard covers the application of electro-sensitive protective equipment (ESPE) specified in IEC 61496 (all parts) and pressure-sensitive mats and floors specified in ISO 13856-1.

It takes into account the characteristics of the machinery, the sensitive protective equipment, the environment and human

interaction by persons of 14 years and older.

This document includes informative annexes to provide guidance on the application of sensitive protective equipment to detect the presence of persons. These annexes contain examples to illustrate the principles of this standard. These examples are not intended to be the only solutions to a given application and are not intended to restrict innovation or advancement of technology. The examples are provided only as representative solutions to illustrate some of the concepts of integration of sensitive protective equipment, and have been simplified for clarity, so they may be incomplete.

It is intended that this document is used in conjunction with ISO 13855.

Projektleder: Lars Kamarainen

DSF/prEN ISO 11553-2

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 11553-2

og prEN ISO 11553-2

Maskinsikkerhed – Lasermaskiner – Del 2: Sikkerhedskrav til håndholdte eller håndbetjente lasermaskiner

This document specifies the requirements for hand-held or hand-operated laser processing machines (HLM)

and their components as well as assemblies. HLM is the machine in which laser radiation is generated, where the laser provides sufficient energy/power to cause a phase transition in a part of the workpiece and where the laser output or workpiece to be processed is guided manually or hand-held during the laser process.

HLM includes the laser device, beam-guiding device (e.g., mirror, fibre, lenses), beam-shaping device (e.g., telescope, focusing), and controls. The laser assembly as an integral part of the HLM or only the laser processing head is hand-held or hand-operated during the laser process.

This document does not apply:

- to laser processing machines which are remotely controlled by a manual controller (hand-operated controller), such as joy sticks, keyboard, etc., without touching a workpiece or a part mechanically connected with the laser processing head by using the hand(s) of the operator (user).

- to laser processing machines without a drive system which may not belong to machinery. And the laser processing apparatus without moving parts, which may not be considered as machinery in "Type C standard".

NOTE – "hand-operated laser processing machine" is synonymous with "hand-guided laser processing machine"

in this document. Hand-operated laser processing machines often use manual force reduction means such as wheels, supports, etc., for manual positioning of the laser processing heads or the workpieces.

It is applicable to HLMs using laser radiation to process materials.

Projektleder: Pernille Rasmussen

13.180 Ergonomi Ergonomics

Offentliggjorte forslag

DSF/ISO/DIS 16710-2
Deadline: 2025-03-28

Relation: ISO

Identisk med ISO/DIS 16710-2

Ergonomiske metoder – Del 2: En metode for analyse af arbejde til understøttelse af design

This document describes a procedure for analysing human activity in relation to specifying and refining the human component in the design or redesign of machinery and work systems.

NOTE 1 – The ergonomics methodology described in this document could also be applied to the design or redesign of products and non-work systems.

This document is intended to assist project leaders in implementing human and physical resources, methods and schedules as well as in preparing the documents necessary to meeting related requirements.

The ergonomics methodology described can be applied to all different stages in design projects from the earliest concept to the final “prototype” or “mock-up”, whatever the industrial field or sector.

The objective of this standard is to achieve a solution that takes into account as many situations as possible which all users – including operators, maintenance staff and installers, may encounter. This will ultimately allow improved usability of the machinery and more robust technical solutions, combined with significantly greater system resilience, user autonomy and accessibility.

NOTE 2 – Examples of the application of the methodology described in this document are provided in Annex A.

Projektleder: Søren Nielsen

13.220.01

Beskyttelse mod brand. Generelt

Protection against fire in general

Nye Standarder

DS/ISO 19702:2024
DKK 880,00

Identisk med ISO 19702:2024

Retningslinjer for prøvetagning og analyse af giftige gasser og dampe i røggasser ved hjælp af FTIR-spektroskopi

This document specifies requirements and makes recommendations for sampling systems for use in small-scale and large-scale fire tests, for the selection of parameters and use of the FTIR instrument, and for the collection and use of calibration spectra.

The primary purpose of the methods outlined in this document is to measure the concentrations of chemical species in fire effluents which can be used to:

- provide data for use in combustion toxicity assessment without requiring biological studies;
- allow the calculation of yield data in fire characterization studies;

c) provide data for use in mathematical modelling of hazard to life from the fire effluent by characterizing the effluent composition generated by physical fire models;

d) characterize the effluent composition of small-scale physical models and larger-scale fires for comparative purposes;

e) assist in the validation of numerical fire models;

f) set the conditions for exposure in biological studies if required;

g) monitor biological studies where used; and h) assist in the interpretation of biological studies where used.

This document specifies principles of sampling and methods for the individual analysis, in fire effluents, of airborne volume fractions of carbon monoxide (CO), carbon dioxide (CO₂), hydrogen cyanide (HCN), hydrogen chloride (HCl), hydrogen bromide (HBr), nitric oxide (NO), nitrogen dioxide (NO₂) and acrolein (CH₂CHCHO).

NOTE Depending on the optical path length, there can potentially be some saturation of certain spectral lines at high concentration, leading to incorrect volume fractions.

In most common cases, a wide concentration range can be measured by an FTIR instrument. Typically, it is in the range of a few µl/l to thousands of µl/l for HCl, HBr, HF, SO₂, NO_x, and HCN, and up to a few per cent for CO, CO₂ and H₂O. These mentioned species are only indicative, and many other species could be added.[27] Although not specifically defined in this document, as they were not specifically studied in the SAFIR project,[18] the method presented is also suitable for analysis of other gaseous species, including e.g. hydrogen fluoride (HF) and sulfur dioxide (SO₂) with appropriate sampling methods. Calibration methods are provided in this document. Guidance is also given on the recommended cleaning, servicing and operating checks and procedures to be carried out on the FTIR instrument and the sampling systems which are considered essential for maintaining the instrument in a suitable condition for use in fire effluent analysis.

Sampling is considered to be an integral part of the whole FTIR measurement methodology and recommendations are made for the design, maintenance and operation of suitable systems.

This document provides general recommendations for the sampling and analysis of fire effluents based on best practice as determined from a wide variety of small-scale and large-scale standard and ad hoc fire test studies. This document is not necessarily applicable for use in specific published fire test methods where FTIR is specified as a requirement for effluent sampling and analysis in that particular test. In these cases, the specific requirements for the sampling and analysis by FTIR within the published standard test procedures are followed. However, if such specific requirements have not been published, this edition of this document can be used as a basis for acceptable results.

Projektleder: Marika Englén

13.220.10 Brandlukning

Fire-fighting

Nye Standarder

DS/EN 1846-2:2024
DKK 810,00

Identisk med EN 1846-2:2024

Brandbekæmpelses- og redningskøretøjer – Del 2: Generelle krav – Sikkerhed og ydeevne

This document specifies the common requirements for safety and the (minimum) common performance requirements of firefighting and rescue service vehicles as designated in EN 1846-1.

NOTE 1 – Categories and mass classes of these vehicles are given in EN 1846-1.

NOTE 2 – Vehicle means terrestrial vehicles that can also drive on rails and amphibious vehicles.

When drafting this document, it has been assumed that the finished standard automotive chassis (or the chassis designed in accordance with the same principles) that is the basis for the firefighting or rescue vehicle offers an acceptable safety level for its basic transport functions within the limits specified by the manufacturer. Therefore, this document does not formulate requirements for this chassis.

This document deals with all significant hazards, hazardous situations and events relevant to firefighting and rescue service vehicles, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer.

Complementary specific requirements for aerial appliances are the subject of the following European

Standards:

- EN 1777: Hydraulic platforms (HPs) for firefighting and rescue services,
- EN 14043: Turntable ladders with combined movements,
- EN 14044: Turntable ladders with sequential movements.

NOTE 3 – Additional regulations, not dealt with in this document, can apply in relation with the use of the vehicles on public roads.

This document deals with firefighting and rescue vehicles intended for use in a temperature range from –15 °C to +40 °C.

NOTE 4 – In the case of utilization outside this temperature range, additional measures might be necessary as agreed between the manufacturer and the user. Such requirements are outside the scope of this document.

1.2 This document does not deal with the following types of firefighting or rescue vehicles or equipment:

- vehicles designed exclusively for carrying personnel;
- vehicles with a gross laden mass not exceeding 3 t;
- boats;
- aircraft;
- railway vehicles;
- ambulances (see EN 1789);
- provisions for non-firefighting removable equipment driven by PTO;

- airport vehicles in the scope of the recommendations of the International Civil Aviation Organization (ICAO).

1.3 This document deals with the technical requirements to minimize the hazards listed in Annex K which can arise during operational use, routine checking and maintenance of firefighting and rescue service vehicles when carried out in accordance with the specifications given by the manufacturer or his authorized representative.

It does not cover the hazards generated by:

- non-permanently installed equipment i.e. portable equipment carried on the vehicle;
- use in potentially explosive atmospheres;
- commissioning and decommissioning;
- electromagnetic compatibility.

Additional measures not dealt with in this document might be necessary for specific use (e.g. fire in natural environment, flooding, etc.).

1.4 This document is not applicable to machines that are manufactured before its date of publication as a European Standard.

Projektleder: Henryk Stawicki

13.220.20

Brandbeskyttelse

Fire protection

Offentliggjorte forslag

DSF/EN 13565-2:2018+AC:2019/prA1

Deadline: 2025-03-30

Relation: CEN

Identisk med EN 13565-2:2018+AC:2019/prA1

Stationære brandslukningsanlæg – Skumanlæg – Del 2: Projektering, installation og vedligeholdelse

This document specifies the requirements and describes the methods for design, installation, testing and maintenance of low, medium, and high expansion foam fire extinguishing systems.

Foam systems may be used to suppress the release of toxic vapours but this application is outside the scope of this document.

This document provides guidance for the design of various foam systems available to persons with knowledge and experience in determining the selection of foam fire extinguishing systems which will be effective in protecting specific hazard configurations. For the application of this standard, a risk assessment by a qualified and experienced person should be performed for both new and existing systems, however the risk assessment is outside the scope of this document.

This document does not cover a risk analysis carried out by a competent person. Nothing in this document is intended to restrict new technologies or alternative arrangements, provided that the level of foam system performance prescribed in this standard is not lowered, and supported by documented evidence/test reports. All foam systems are generally unsuitable for the following:

- chemicals, such as cellulose nitrate, that release sufficient oxygen or other oxidizing agents which can sustain combustion;
- energized unenclosed electrical equipment;
- metals such as sodium, potassium and sodium-potassium alloys which are reactive to water;
- hazardous, water-reactive materials such as triethyl-aluminium and phosphorous pentoxide;
- combustible metals such as aluminium and magnesium.

Projektleder: Henryk Stawicki

DSF/prEN 15004-2

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 15004-2

Stationære brandslukningsanlæg – Gaslukningsanlæg – Del 2: Fysiske egenskaber ved og anlægsprojektering af gaslukningsanlæg med FK-5-1-12-slukningsmiddel

This document specifies requirements for gaseous fire-extinguishing systems, with respect to FK-5-1-12 extinguishant. It includes details of physical properties, specification, usage and safety aspects.

This document is applicable only to systems operating at nominal pressures of 25 bar, 34,5 bar, 42 bar, 50 bar and 70 bar1 with nitrogen propellant. This does not preclude the use of other systems.

1 1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm².

Projektleder: Henryk Stawicki

13.220.50

Byggematerialers og -elementers modstandsevne over for brand

Fire-resistance of building materials and elements

Offentliggjorte forslag

DSF/prEN 13381-11

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 13381-11

Prøvningsmetoder til bestemmelse af bidrag til bærende bygningsdeles brandmodstandsevne – Del 11: Anvendt beskyttelse af massive stål-stænger i spænding ved brandprøvnin-ger med mekanisk belastning

This document describes the test and assessment procedure for determining the contribution of reactive fire protection systems to the fire resistance of solid steel bars used as tension members, when exposed to the standard temperature/time curve specified in EN 1363-1. In special circumstances, where specified in National Building Regulations, there can be a need to subject reactive fire protection systems to a slow heating curve (smouldering fire) as defined in EN 1363-2. The corresponding test and assessment procedure are described in Annex E. The fire protection performance is determined by testing mechanically loaded steel bars in horizontal orientation. Information regarding the testing of additional unloaded specimens is given to assess the influ-

ence of the bar orientation and smouldering fire behaviour.

The principles of the testing and assessment procedure can also be applied for other section shapes such as angles, channels and flats. This document does not include steel bars used as reinforcement in concrete construction.

The document is applicable to steel bars up to a maximum diameter of 130 mm. In the case of rectangular bars, the maximum edge length shall be limited to 130 mm with a maximum aspect ratio of 2:1 against the shorter edge length.

The test programme and the assessment are designed to cover:

- a range of valid fire protection classification periods;
- a range of thickness of the applied reactive fire protection system;
- a range of steel bar dimensions and profiles;
- a range of specified design temperatures;
- a range of load utilisation factors in case of fire;
- a range of bar orientation.

This document also provides the assessment procedure, which prescribes how the analysis of the test data shall be made and gives guidance on the procedures by which interpolation shall be undertaken. The assessment procedure is used to establish:

a) on the basis of data derived from mechanically loaded testing steel bar; any practical constraints on the use of the reactive fire protection system under fire test conditions (the physical performance);

b) on the basis of the temperature data derived from testing steel bar the thermal properties of the reactive fire protection system (the thermal performance).

The limits of applicability of the results of the assessment arising from the fire test are defined together with permitted direct application of the results to different steel types and sizes over the range of thicknesses of the applied reactive fire protection system tested.

Projektleder: Marika Englén

13.260

Beskyttelse mod elektrisk stød. Arbejde under spænding

Protection against electric shock. Live working

Nye Standarder

DS/HD 60364-5-52:2011/A1:2025

DKK 355,00

Identisk med IEC 60364-5-52:2009/AMD1:2024 ED3

og HD 60364-5-52:2011/A1:2025

Elektriske lavspændingsinstallationer – Del 5-52: Valg og installation af elektrisk materiel – Ledningssystemer

IEC 60364-5-52:2009 deals with the selection and erection of wiring systems. This third edition cancels and replaces the second edition, published in 2001, and constitutes a technical revision. The main changes with respect to the previous edition are as follows: – Subclause 521.4 introduces minor changes with regard to busbar trunking systems and powertrack

systems. – Subclause 523.6 introduces minor changes with regard to the sizing of cables where harmonic currents are present. – A new subclause 523.9 concerning single-core cables with a metallic covering has been introduced. – Clause 525 introduces changes in the maximum value of voltage drop permitted between the origin of the consumer's installation and the equipment which should not be greater than that given in the relevant annex. – Clause 526 introduces minor changes to electrical connections including additional exceptions for inspection of connections and additional notes. – Clause 528 introduces additional requirements with regard to proximity of underground power and telecommunication cables. – Clause 529 introduces minor changes to selection and erection of wiring systems in relation to maintainability, including cleaning.

Projektleder: Lars Kamarainen

DS/IEC TR 62263:2024

DKK 575,00

Identisk med IEC TR 62263:2024 ED2

Arbejde under spænding – Retningslinjer for installering og vedligehold af fiberoptiske kabler på luftledninger

IEC TR 62263:2024 covers procedures for the installation and maintenance of optical fibre cables on single and multi-circuit overhead power lines, including:

- optical ground wire (OPGW) fibre cable;
- optical phase conductor fibre cable (OPPC);
- optical attached fibre cable (OPAC);
- all dielectric self supporting (ADSS) optical fibre cable.

Relevant electrical hazards are also discussed.

Projektleder: Søren Lütken Storm

13.280

Beskyttelse mod elektromagnetiske felter og stråling

Radiation protection

Nye Standarder

DS/EN ISO 20553:2025

DKK 665,00

Identisk med ISO 20553:2025

og EN ISO 20553:2025

Beskyttelse mod stråling – Tilsyn med personale med erhvervsrisiko for intern kontamination med radioaktive stoffer

This document specifies the minimum requirements for the design of programmes to monitor workers exposed to the risk of internal contamination by radioactive material and establishes principles for the development of compatible goals and requirements for monitoring programmes.

This document specifies the a) purposes of monitoring and monitoring programmes, b) description of the different categories of monitoring programmes, c) quantitative criteria for conducting monitoring programmes, d) suitable monitoring methods and criteria for their selection, e) information that has to be collected for the design of a monitoring programme, f) general requirements for monitoring programmes (e.g. detection limits, tolerated uncertainties), g) frequencies of measurements calcu-

lated using the ICRP Occupational Intakes of Radionuclides (OIR) series, h) individual monitoring in specific cases (intake of actinides, intake via a wound and intake through the intact skin), i) quality assurance, and j) documentation, reporting and record-keeping.

This document does not apply to

- the monitoring of exposure to radon and its radioactive decay products,
- detailed descriptions of measuring methods and techniques,
- detailed procedures for in vivo measurements and in vitro analysis,
- interpretation of measurements results in terms of dose,
- biokinetic data and mathematical models for converting measured activities into absorbed dose, equivalent dose and effective dose,
- the investigation of the causes or implications of an exposure or intake.

Projektleder: Pernille Rasmussen

DS/IEC TR 63424-1:2024

DKK 955,00

Identisk med IEC TR 63424-1:2024 ED1

Validering af algoritmer til kontrol af dynamisk effekt og bestemmelse af middelværdi for eksponeringstid – Del 1: Implementering af radiocellenet for SAR-frekvenser op til 6 GHz

IEC TR 63424-1:2024 describes the methods for validating dynamic power control and (dynamic) exposure time-averaging (DPC-ETA) algorithms used in RF modem chipsets of wireless devices. The DPC-ETA implementations are exposure-based, where SAR is time-averaged according to power recorded by the RF modem. Time-averaging windows up to six minutes consistent with applicable SAR limits and regulatory policies are considered for frequencies up to 6 GHz. The DPC-ETA power control parameters are established based on SAR compliance results with all relevant design and operating tolerances taken into consideration. The device output power is controlled by DPC-ETA to maintain SAR compliance in real-time. While SAR compliance is evaluated independently by applying IEC/IEEE 62209-1528:2020 [1], this document contains information for algorithm validation.

Quasi-static and dynamic power control test sequences are described in this document for algorithm validation. The test sequences are sent from a radio communication tester (RCT) and DPC-ETA responses are measured with conducted and radiated power measurement methods to confirm algorithm functionality. Test sequences for wireless configurations that need validation, including wireless mode transitions, call drop, handover, discontinuous transmission, and simultaneous transmission are described. Considerations for measurement automation to acquire time-aligned results for correlation with power changes in the test sequences are provided. DPC-ETA algorithms are validated by correlating the normalized power measurement results with the expected behaviours of an implementation for the applied test sequences. The procedures in this document also support algorithm validation of modular transmitters using an appropriate test platform. Guidance for using SAR methods in place of radiated power measurements and capacitive

proximity sensor triggering with time-averaged detection are also included.

NOTE 1 A separate document will be considered to validate DPC-ETA implementations above 6 GHz, according to near-field millimetre-wave band power density exposure requirements. Substantially shorter time-averaging window durations, on the order of a few seconds, can be required to satisfy some national regulatory requirements.

NOTE 2 The scope of this document is limited to cellular network technologies that have RF modem transmission power dictated by a base station and therefore can be tested using RCT test sequences. Cellular network technologies (also referred to as wireless wide area networks (WWAN)) include Global System for Mobile Communications (GSM), Universal Mobile Telecommunication System (UMTS), Long-Term Evolution (LTE) and 5G New Radio (NR), including other related 2G, 3G, 4G, and 5G specifications, respectively. A separate document will be considered for validating DPC-ETA implementations for wireless local area network (WLAN) technologies, such as those based on the IEEE 802.11 standards series. With WLAN technologies, the transmit power is dictated independently by the RF modem and can be specific to each power control implementation, requiring different testing approaches.

NOTE 3 The procedures in this document can also be considered for 3GPP [2] 5G NR FR1 bands above 6 GHz.

NOTE 4 This document does not address algorithm validation for simultaneous transmission configurations involving transmitters that are not controlled by DPC-ETA operations in the RF modem. These are evaluated according to regulatory requirements.

Projektleder: Marika Vindbjerg

DS/ISO 20553:2025

DKK 575,00

Identisk med ISO 20553:2025

Beskyttelse mod stråling – Tilsyn med personale med erhvervsrisiko for intern kontamination med radioaktive stoffer

This document specifies the minimum requirements for the design of programmes to monitor workers exposed to the risk of internal contamination by radioactive material and establishes principles for the development of compatible goals and requirements for monitoring programmes.

This document specifies the a) purposes of monitoring and monitoring programmes, b) description of the different categories of monitoring programmes, c) quantitative criteria for conducting monitoring programmes, d) suitable monitoring methods and criteria for their selection, e) information that has to be collected for the design of a monitoring programme, f) general requirements for monitoring programmes (e.g. detection limits, tolerated uncertainties), g) frequencies of measurements calculated using the ICRP Occupational Intakes of Radionuclides (OIR) series, h) individual monitoring in specific cases (intake of actinides, intake via a wound and intake through the intact skin), i) quality assurance, and j) documentation, reporting and record-keeping.

This document does not apply to

- the monitoring of exposure to radon and its radioactive decay products,
- detailed descriptions of measuring methods and techniques,
- detailed procedures for in vivo measurements and in vitro analysis,
- interpretation of measurements results in terms of dose,
- biokinetic data and mathematical models for converting measured activities into absorbed dose, equivalent dose and effective dose,
- the investigation of the causes or implications of an exposure or intake.

13.300

Beskyttelse mod farligt gods

Protection against dangerous goods

Nye Standarder

DS/EN 14025:2023/AC:2024

DKK 0,00

Identisk med EN 14025:2023/AC:2024

Tanke til transport af farligt gods – Metalliske tryktanke – Udformning og konstruktion

This document specifies the minimum requirements for the design and construction of metallic pressure tanks for the transport of dangerous goods by road and rail and sea. It is not applicable to gravity-discharge tanks according to RID/ADR 6.8.2.1.14 (a).

This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply.

Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.3. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025.

This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493.

If not otherwise specified, provisions which take up the whole width of the page apply to all kind of tanks. Provisions contained in a single column apply only to:

-tanks according to RID/ADR Chapter 6.8 (left-hand column);

-portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Projektleder: Pernille Rasmussen

13.340.10

Beskyttelsesbeklædning

Protective clothing

Offentliggjorte forslag

DSF/prEN ISO 9185

Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 9185

og prEN ISO 9185

Beskyttelsesbeklædning – Vurdering af materialers modstandsevne ved påførsel af smeltet metal i sprøjt

ISO 9185:2007 specifies a method for assessing the heat penetration resistance of materials intended for use in clothing to protect against large splashes of molten metal. It provides specific procedures for assessing the effects of splashes of molten aluminium, molten cryolite, molten copper, molten iron and molten mild steel.

The principle of the test method is applicable to a wider range of hot molten materials than those for which specific procedures are set out, provided that appropriate measures are applied to protect the test operator.

Projektleder: Merete Westergaard Bennick

13.340.30

Åndedrætsværn

Respiratory protective devices

Nye Standarder

DS/ISO 16900-11:2025

DKK 355,00

Identisk med ISO 16900-11:2025

Åndedrætsværn – Prøvningsmetoder og -udstyr – Del 11: Bestemmelse af synsfelt

This document specifies the laboratory test method for determining the field of vision for a respiratory protective device (RPD).

Projektleder: Merete Westergaard Bennick

DS/ISO 16900-6:2021/Amd 1:2025

DKK 270,00

Identisk med ISO 16900-6:2021/Amd 1:2025

Åndedrætsværn – Prøvningsmetoder og -udstyr – Del 6: Komponenters og forbindelsers mekaniske modstandsevne/styrke

This document specifies the method of test for the mechanical resistance and strength of components of respiratory protective devices.

Projektleder: Merete Westergaard Bennick

13.340.50

Beskyttelse af ben og fødder

Leg and foot protection

Offentliggjorte forslag

DSF/ISO 22568-2:2019/DAMd 1

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO 22568-2:2019/DAMd 1

Fodværn – Fod- og benbeskyttelse – Krav og prøvningsmetoder til vurdering af bestanddele til fodtøj – Del 2: Tåværn af ikke-metallisk materiale

This Standard specifies requirements and test methods for non-metallic toecaps, intended to function as components of PPE footwear (e.g. as described by EN ISO 20345, EN ISO 20346 and EN ISO 20347)

Projektleder: Merete Westergaard Bennick

13.340.60

Beskyttelse mod at falde og glide

Protection against falling and slipping

Offentliggjorte forslag

DSF/prEN 341

Deadline: 2025-03-30

Relation: CEN

Identisk med prEN 341

Personligt faldsikringsudstyr – Nedfaldsudstyr til redningsbrug

This document specifies requirements, test methods, marking and manufacturer's instructions and information for descender devices fitted with a built-in speed-regulating system, which include descent lines (hereinafter referred to as lines). These descender devices are intended to be used in a rescue system to provide protection against falling from a height when accessing/leaving positions at a height.

This document does not specify requirements for descender devices that are used for descending in mountaineering, rope access or work positioning systems.

Projektleder: Merete Westergaard Bennick

13.340.99

Andet beskyttelsesudstyr

Other protective equipment

Offentliggjorte forslag

DSF/prEN 16716

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 16716

Bjergbestigningsudstyr – Lavineairbagsystemer – Sikkerhedskrav og prøvningsmetoder

This document specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche.

This document does not consider personal protection against impact or cold temperature.

Projektleder: Mette Juul Sandager

17.020**Metrologi og måling. Generelt**

Metrology and measurement in general

Offentliggjorte forslag**DSF/ISO/DIS 23131-2****Deadline: 2025-03-06**

Relation: ISO

Identisk med ISO/DIS 23131-2

Elipsometri – Del 2: Volumenmodel (bulkmateriale)

This document specifies the process for determining the optical or dielectric constants by means of ellipsometric measurements and their analysis based on the bulk material model.

If the assumptions of the bulk material model are strictly met, it is possible to determine the optical constants

(refractive index n and extinction coefficient k) or the dielectric constants (real part ϵ_1 and imaginary part ϵ_2)

of the material directly. Alternatively, optical (and) or dielectric (and) pseudo constants will be determined, which depend on the measurement angle of incidence ϕ . The degree of consistency of the pseudo constants in the relevant spectral range, determined from measurements at different angles of incidence, represents a necessary prerequisite for the validity or quality of the bulk material model.

Projektleder: Merete Westergaard Bennick

DSF/ISO/DIS 23131-3**Deadline: 2025-03-06**

Relation: ISO

Identisk med ISO/DIS 23131-3

Elipsometri – Del 3: Transparent enkeltlagsmodel

This document uses ellipsometric measurements and their analysis to specify the method for the determination of the layer thickness d of a transparent layer and the optical (refractive index n) or dielectric (real part ϵ_1) constants/functions based on the transparent single layer model within a spectral region, for which $k = 0$ applies.

Projektleder: Merete Westergaard Bennick

17.060**Måling af volumen, masse, vægtfylde, viskositet**

Measurement of volume, mass, density, viscosity

Nye Standarder**DS/EN ISO 8655-7:2022/A1:2024**

DKK 320,00

Identisk med ISO 8655-7:2022/Amd 1:2024

og EN ISO 8655-7:2022/A1:2024

Volumetrisk udstyr med stempelmekanisme – Del 7: Alternative måleprocedurer til bestemmelse af volumen – Tillæg 1

This document specifies alternative measurement procedures for the determination of volume of piston-operated volumetric apparatus.

The procedures are applicable to complete systems comprising the basic apparatus

and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by delivery process (Ex). Methods described in this document are suitable for various maximum nominal volumes of piston-operated volumetric apparatus. It is the responsibility of the user to select the appropriate method.

Projektleder: Nina Kjar

DS/ISO 8655-7:2022/Amd 1:2024

DKK 270,00

Identisk med ISO 8655-7:2022/Amd 1:2024

Volumetrisk udstyr med stempelmekanisme – Del 7: Alternative måleprocedurer til bestemmelse af volumen – Tillæg 1

This document specifies alternative measurement procedures for the determination of volume of piston-operated volumetric apparatus.

The procedures are applicable to complete systems comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by delivery process (Ex). Methods described in this document are suitable for various maximum nominal volumes of piston-operated volumetric apparatus. It is the responsibility of the user to select the appropriate method.

Projektleder: Nina Kjar

17.140.20**Støj fra maskiner og udstyr**

Noise emitted by machines and equipment

Offentliggjorte forslag**DSF/ISO/DIS 13347-3****Deadline: 2025-03-22**

Relation: ISO

Identisk med ISO/DIS 13347-3

Ventilatorer – Bestemmelse af lydeffekt under standardiserede laboratoriemæssige forhold – Del 3: Måling på indhulningsflader

ISO 13347-3:2004 applies to industrial fans as defined in ISO 5801 and ISO 13349. It is limited to the determination of airborne sound emission for the specified set-ups. Vibration is not measured, nor is the sensitivity of airborne sound emission to vibration effects determined.

The sizes of fan which can be tested in accordance with ISO 13347-3:2004 are limited only by the practical aspects of the test set-up. Dimensional limitations, test fan dimensions, and air performance will control the room size, power and mounting requirements for the test fan.

The test arrangements in ISO 13347-3:2004 establish the laboratory conditions necessary for a successful test. Rarely will it be possible to meet these requirements in situ and ISO 13347-3:2004 is not intended for field measurements. Intending users are reminded that, in these situations, there may well be additional acoustic system effects where inlet and outlet conditions at the fan are less than ideal.

The enveloping surface methods may be used for the determination of open inlet

and/or open outlet sound power level of fans for standardized installation types.

An estimation (with increased uncertainty) of ducted sound power for fans too small, or otherwise inconvenient, for testing by the in-duct method described in ISO 5136 may also be obtained by the addition of end reflection corrections.

Projektleder: Charlotte Vartou Forsingdal

17.140.50**Elektroakustik**

Electroacoustics

Nye Standarder**DS/EN IEC 63305:2024**

DKK 810,00

Identisk med IEC 63305:2024 ED1

og EN IEC 63305:2024

Undervandsakustik – Kalibrering af modtagere af akustiske bølgevektorer i frekvensområdet 5 Hz til 10 kHz

IEC 63305:2024 specifies methods and procedures for calibration of vector receivers in the frequency range 5 Hz to 10 kHz, which are applicable to vector receivers based on the two different principles. In addition, it describes an absolute method of inertial vector receiver calibration in air using optical interferometry.

Usually, acoustic wave vector receivers are designed and constructed based on one of two principles. One is the sound pressure difference (gradient) principle. When measuring with this sensor, the vector receiver is rigidly fixed on a mount and supported in water. The other is the co-vibrating (inertial) principle. When measuring with this sensor, the vector receiver is suspended on a mount and supported in water in a non-rigid manner, which allows the vector receiver co-vibrate in the same direction as the sound particle in the sound wave field.

Many methods have been used to calibrate vector receivers, such as free-field calibration, calibration in standing wave tube and calibration in a travelling wave tube.

Projektleder: Pernille Rasmussen

17.160**Vibrationer, stød og vibrationsmålinger**

Vibrations, shock and vibration measurements

Offentliggjorte forslag**DSF/ISO/DIS 18436-2****Deadline: 2025-03-23**

Relation: ISO

Identisk med ISO/DIS 18436-2

Tilstandsovervågning og diagnosticering af maskiner – Krav til træning og certificering af personel – Del 2: Overvågning af vibrationstilstand og diagnosticering

ISO 18436-2:2014 specifies requirements for the training, relevant experience, and examination of personnel performing condition monitoring and diagnostics of machines using vibration analysis (VA).

A certificate or declaration of conformity to the requirements of ISO 18436-2:2014

in accordance with ISO 18436-1, provides recognition and evidence that individuals are able to perform vibration measurements and analysis for machinery condition monitoring and diagnostics using a range of vibration measurement equipment. ISO 18436-2:2014 specifies a four-category classification programme that is based on the technical areas delineated herein.

Projektleder: Liselotte Sørensen

17.220.20

Måling af elektriske og magnetiske størrelser

Measurement of electrical and magnetic quantities

Nye Standarder

DS/EN IEC 60688:2024

DKK 1.055,00

Identisk med IEC 60688:2024 ED5

og EN IEC 60688:2024

Elektriske måletransducere til konvertering af elektriske størrelser for a.c.- og d.c.-strøm til analoge eller digitale signaler

IEC 60688:2024 applies to transducers (TRD) with electrical inputs and outputs for making measurements of AC or DC electrical quantities. The output signal can be in the form of an analogue or digital signal. This document applies to measuring transducers used for converting electrical quantities such as:

- current,
- voltage,
- active power,
- reactive power,
- power factor,
- phase angle,
- frequency,
- harmonics or total harmonic distortion,
- apparent power, and
- DC power to an output signal.

This document applies a) if the fundamental frequency of the input(s) lies between 0 Hz and 1 500 Hz, b) to the electrical measuring transducer if it is part of a system for the measurement of an electrical or non-electrical quantity, c) to transducers for use in a variety of applications such as telemetry and process control and in one of a number of defined environments.

This document is not applicable for:

- instrument transformers that comply with IEC 61869 (all parts),
- transmitters for use in an industrial process application that comply with IEC 60770 (all parts),
- power metering and monitoring devices (PMD) that comply with IEC 61557-12,
- meters that comply with the IEC 62053 series,
- handheld sensors,
- residual current monitoring devices (RCMs) that comply with IEC 62020-1,
- residual current detecting devices (RDC-DD) that comply with IEC 62955,

- in-cable control and protection devices (IC-CPDs) that comply with IEC 62752,

- modular residual current devices (MRCDS) that comply with IEC 60947 2:2016/AMD1:2019, Annex M.

Within the measuring range, the output signal is a function of the measurand. An auxiliary supply can be required.

This document is intended:

- to specify the terminology and definitions relating to transducers whose main application is in industry,
- to unify the test methods used in evaluating transducer performance,
- to specify accuracy limits and output values for transducers.

IEC 60688:2024 cancels and replaces the fourth edition published in 2021. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- updating normative references;
- updating definitions;
- updating structure;
- adding DC power measurement.

Projektleder: Pernille Rasmussen

DS/EN IEC 61557-1:2021/A1:2024

DKK 320,00

Identisk med IEC 61557-1:2019/AMD1:2024 ED3

og EN IEC 61557-1:2021/A1:2024

Elektrisk sikkerhed i lavspændings-distributionsystemer op til 1000 V vekselstrøm og 1500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 1: Generelle krav

This part of IEC 61557 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC.

When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable.

NOTE – The term "measuring equipment" will hereafter be used to designate "testing, measuring and monitoring equipment".

Other parts of IEC 61557 can specify additional requirements or deviations.

This document does not cover functional safety or cybersecurity.

Projektleder: Pernille Rasmussen

DS/EN IEC 61557-10:2024

DKK 355,00

Identisk med IEC 61557-10:2024 ED3

og EN IEC 61557-10:2024

Elektrisk sikkerhed i lavspændingsdistributionsystemer op til 1 000 V vekselstrøm og 1 500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 10: Kombineret måleudstyr

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the

respective parts of IEC 61557, into one piece of apparatus.

Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this document.

Projektleder: Pernille Rasmussen

DS/EN IEC 62974-1:2024

DKK 665,00

Identisk med IEC 62974-1:2024 ED2

og EN IEC 62974-1:2024

Overvågnings- og målesystemer, der anvendes til indsamling, aggregering og analyse af data – Del 1: Krav til udstyr

IEC 62974-1:2024 specifies product and performance requirements for devices that fall under the heading of "monitoring and measuring systems used for data collection, aggregation and analysis", for industrial, commercial, and similar use rated below or equal to 1 kV AC and 1,5 kV DC.

These devices are fixed and are intended to be used indoors as panel-mounted devices, or as modular devices fixed on a DIN rail, or as housing devices fixed on a DIN rail, or as devices fixed by other means inside a cabinet.

These devices are used to upload or download information (energy measured on loads, power metering and monitoring data, temperature information, etc.), mainly for energy efficiency purposes. These devices are known as energy servers (ESE), energy data loggers (EDL), data gateways (DGW) and I/O data concentrators (IODC) and are grouped together under the family name of Data Management Devices (DMD).

This document does not cover:

- devices used only in the consumer market (living quarters) or household;
- devices used in the smart metering infrastructure (e.g. smart meters);
- devices used in the smart grid infrastructure;
- devices used as IT servers in the information technology business;
- power metering and monitoring devices (PMD);
- I/O data concentrators already covered by a specific product standard;
- communication protocols and interoperability;
- power quality instruments (PQI);
- software used for the data collection and analysis of the power quality for the supply side.

IEC 62974-1:2024 cancels and replaces the first edition published in 2017. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- the performance criteria have been reviewed;
- EMC and safety requirements have been improved;
- mechanical requirements have been clarified and amended.

Projektleder: Pernille Rasmussen

17.220.99**Andre standarder vedrørende elektricitet og magnetisme**

Other standards related to electricity and magnetism

Nye Standarder**DS/EN IEC 62836:2024**

DKK 747,00

Identisk med IEC 62836:2024 ED1

og EN IEC 62836:2024

Måling af indre elektriske felter i isolationsmaterialer – Metode med udbredning af trykbølge gennem elektrisk ladet materiale

IEC 62836:2024 provides an efficient and reliable procedure to test the internal electric field in the insulating materials used for high-voltage applications, by using the pressure wave propagation (PWP) method. It is suitable for a planar and coaxial geometry sample with homogeneous insulating materials of thickness larger or equal to 0,5 mm and an electric field higher than 1 kV/mm, but it is also dependent on the thickness of the sample and the pressure wave generator.

This first edition cancels and replaces IEC TS 62836 published in 2020.

This edition includes the following significant technical changes with respect to IEC TS 62836:

- addition of Clause 12 for the measurement of space charge distribution in a planar sample;
- addition of Clause 13 for coaxial geometry samples;
- addition of Annex D with measurement examples for coaxial geometry samples;
- addition of a Bibliography;
- measurement examples for a planar sample have been moved from Clause 12 in IEC TS 62836 to Annex C.

Projektleder: Maria Gabriella Banck

17.240**Måling af felter og stråling**

Radiation measurements

Offentliggjorte forslag**DSF/prEN 50663:2025**

Deadline: 2025-03-17

Relation: CLC

Identisk med prEN 50663:2025

Generisk standard til vurdering af elektronisk og elektrisk laveffektudstyr i forhold til grænser for menneskelig påvirkning fra elektromagnetiske felter (10 MHz – 300 GHz)

This document provides electromagnetic field (EMF) exposure conformity assessment methods for low power electronic and electrical equipment. It is applicable to intentionally radiating equipment operating at frequencies between 10 MHz and 300 GHz with time-averaged transmitted power less than or equal to 20 mW in case of equipment intended for use by the general public, or less than or equal to 100 mW in case of equipment intended for use only by workers when at work, respectively. In the context of this document, time-averaging is over any 6-min period up to 10 GHz and over any 68/f1.05

-minute period (f in GHz) for frequencies exceeding 10 GHz.

It also applies to non-intentionally radiating equipment in the same frequency range.

Projektleder: Marika Vindbjerg

19.040**Miljøprøvning**

Environmental testing

Offentliggjorte forslag**DSF/prEN IEC 60721-3-5:2024**

Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60721-3-5 ED3

og prEN IEC 60721-3-5:2024

Klassifikation af miljømæssige betingelser – Del 3: Klassifikation af grupper af miljømæssige påvirkningsparametre og deres alvorgrad – Sektion 5: Installationer i køretøjer på land

This part of IEC 60721 classifies the groups of environmental parameters and their severities to which a product, not forming part of the vehicle, is subjected when installed on or in a ground vehicle. Such products are for example radios, communication systems, fare meters, flow meters for liquids transported by the vehicle, for example milk, petroleum products, etc. Vehicles where products may be permanently or temporarily installed include :

- road vehicles: passenger cars, commercial vehicles, special vehicles, towing vehicles, trailers, mopeds, motorcycles,
- rail vehicles: trains, trams,
- tracked vehicles: excavators, cranes, rubber tracked vehicles,
- overland vehicles: four-wheel drive cars, tractors, snow scooters,
- handling and storage vehicles: fork-lift trucks (manual and robot), luggage transporters, and
- self-propelled machinery: diggers, harvesters.

Although this document is not intended for products forming part of the vehicles, the environmental condition classification may also be used for some exchangeable parts, installed in a similar way and in the same locations of the vehicle as products which do not form part of the vehicle. Only severe conditions which may be harmful to products are included.

Conditions of storage, transportation and handling are given in IEC 60721-3-1 and IEC 60721-3-2. Classification of storage and transportation environmental conditions are given

Projektleder: Charlotte Vincentz Fischer

DSF/prEN IEC 60721-3-7:2024

Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60721-3-7 ED3

og prEN IEC 60721-3-7:2024

Klassifikation af miljømæssige betingelser – Del 3: Klassifikation af grupper af miljømæssige påvirkningsparametre og deres alvorgrad – Sektion 7: Transportabel og ikke-stationær brug

This part of IEC 60721 classifies the groups of environmental parameters and

their severities to which products are subject to during portable and non-stationary use. This includes periods of transfer, down time, maintenance and repair.

The environmental conditions encompassed by these groups include the environmental conditions occurring:

- at locations where the product may be placed or used temporarily and
- during the transfer of products between different locations.

The conditions of portable and non-stationary use to which products may be exposed include land-based and offshore, weatherprotected, and non-weatherprotected locations. The conditions also include those occurring during transfer between locations.

The environmental conditions specified in this document are applicable to products which are frequently moved from place to place, particularly when the transfer time may be a significant proportion of the product's lifetime. During such transfer the product is unlikely to have any special packaging.

Projektleder: Charlotte Vincentz Fischer

19.080**Elektrisk og elektronisk prøvning**

Electrical and electronic testing

Nye Standarder**DS/EN IEC 61442:2024**

DKK 665,00

Identisk med IEC 61442:2023 ED3

og EN IEC 61442:2024

Prøvningsmetoder for tilbehør til kraftkabler med mærkespændinger fra 6 kV (Um = 7,2 kV) til 36 kV (Um = 42 kV)

IEC 61442:2023 is available as IEC 61442:2023 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.

IEC 61442:2023 specifies the test methods applicable for type testing accessories for power cables with rated voltages from 3,6/6 (7,2) kV up to 18/30 (36) kV. The test methods specified in this document apply to accessories for extruded and paper insulated cables according to IEC 60502-2 and IEC 60055-1 respectively.

Projektleder: Maria Gabriella Banck

19.100**Ikke-destruktiv prøvning**

Non-destructive testing

Offentliggjorte forslag**DSF/prEN ISO 32543-3**

Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 32543-3

og prEN ISO 32543-3

Ikke-destruktiv prøvning – Karakterisering af brændpletter i industrielle røntgensystemer – Del 3: Måling af den effektive brændpletstørrelse ved mini- og mikrofokusrøntgenrør

This document specifies a method for the measurement of focal spot dimensions

within the range of 5 µm to 300 µm of X-ray systems up to and including 225 kV tube voltage. This determination is based on the evaluation of an image with a dedicated focal spot that has been radiographically recorded using an edge and evaluated with a digital method.

The imaging quality and the resolution of X-ray images depend highly on the characteristics of the effective focal spot, in particular the size and the two-dimensional intensity distribution as seen from the detector plane.

For the characterisation of commercial X-ray tube types (i.e. for advertising or trade) the specific maximum values of annex A should be preferred.

Projektleder: Lone Skjerning

19.120

Analyse af partikelstørrelse. Sigtning.

Particle size analysis. Sieving

Nye Standarder

DS/ISO 13317-5:2025

DKK 810,00

Identisk med ISO 13317-5:2025

Bestemmelse af partikelstørrelsesfordeling ved sedimentering i væske ved gravitation – Del 5: Fotosedimentering

This document specifies principles and methods for the use of gravitational photo-sedimentation techniques for the characterization of dispersed phases of suspensions and emulsions. These techniques monitor the gravity-induced phase separation of particulate materials dispersed in liquids by recording photometric signals (i.e. intensity of transmitted or scattered light) as a function of either vertical position or measurement time, or both.

This document does not cover particle migration by centrifugal, electric or magnetic forces, or sedimentation at high particle concentrations (e.g. zone sedimentation). Moreover, it does not cover the determination of properties other than sedimentation velocity and particle size (i.e. it does not cover particle concentration, particle shape, particle density, zeta-potential or apparent viscosity).

Additionally, this document does not cover alternative techniques for gravitational sedimentation including balance based and X-ray based techniques.

NOTE This document does not purport to address all the safety problems associated with its use.

Projektleder: Lærke Høllund

21.020

Egenskaber og udformning af maskiner, apparater og udstyr

Characteristics and design of machines, apparatus, equipment

Nye Standarder

DS/EN IEC 62309:2025

DKK 665,00

Identisk med IEC 62309:2024 ED2

og EN IEC 62309:2025

Pålidelighed af levetidsforlængede produkter og nye produkter, der indeholder genbrugte dele

IEC 62309:2024 introduces the concept to check the reliability and functionality of reused parts and their usage within new products. It also provides information and criteria about the assurance [for example, testing and analysis, required for products containing reused parts, which are declared "qualified-as-good-as-new" (QAGAN)] relative to the designed life of the product. This document specifies requirements to be satisfied before making a declaration or applying a designation of QAGAN. This document also gives guidance to support any organisation that makes declarations about dependability of products containing reused parts.

In this document, the term "product" covers electrical, electro-mechanical, mechanical parts or hardware that can contain software.

"Qualified-as-good-as-new" (QAGAN) does not apply to reused materials or large structures and large systems, nor does it cover software products, concepts, and ideas.

The purpose of this document is to ensure by tests and analysis that the reliability and functionality of a new product containing reused parts is comparable to a product that contains only new parts. This would justify the manufacturer granting the next customer the full warranty of the product with "qualified-as-good-as-new" (QAGAN) parts.

Annex A describes extending useful life by refurbishment, updating, upgrading, maintenance and used as second-hand. These concepts are defined and the requirements for using the term with reference to this document are stated.

This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- the previous Annex A has been separated into Annex B (Dependability aspects) and Annex C (Example with QAGAN parts);
- a new normative Annex A has been written with expansion of lifecycle activities, to describe extending the useful life by refurbishment, life extension, updating, upgrading and second-hand use;
- revision of Figure 1 accordingly;
- minor editorial alignments throughout the document;
- the abbreviation "quagan" has been changed "QAGAN" to reflect more contemporary use.

Projektleder: Maria Gabriella Banck

21.060.10

Bolte, skruer, tapskruer

Bolts, screws, studs

Nye Standarder

DS/EN ISO 3506-4:2025

DKK 470,00

Identisk med ISO 3506-4:2025

og EN ISO 3506-4:2025

Befæstelselementer – Mekaniske egenskaber for befæstelselementer af korrosionsbestandigt rustfrit stål – Del 4: Pladeskruer med specificerede produkt- og hårdhedsklasser

This document specifies the mechanical and physical properties of tapping screws made of corrosion resistant austenitic, martensitic, ferritic and duplex stainless steels, with specified grades and hardness classes.

ISO 3506-6 provides general rules and additional technical information on suitable stainless steels and their properties (detailed properties of stainless steel grades, corrosion behaviour with regards to pitting, crevice and intergranular corrosion, magnetic properties, etc.).

WARNING – Tapping screws conforming to the requirements of this document are tested at the ambient temperature range of 10 °C to 35 °C and are used in applications ranging from –20 °C to +150 °C. It is possible that they do not retain the specified mechanical and physical properties at lower and/or elevated temperatures. Therefore, it is the responsibility of the user to determine the appropriate choices based on service environment conditions of the assembly (see also Clauses 5 and 6).

This document applies to tapping screws with threads ST2,2 to ST8, in accordance with ISO 1478.

This document does not apply to tapping screws with special properties, such as weldability.

Projektleder: Erling Richard Trudsø

DS/ISO 3506-4:2025

DKK 470,00

Identisk med ISO 3506-4:2025

Befæstelselementer – Mekaniske egenskaber for befæstelselementer af korrosionsbestandigt rustfrit stål – Del 4: Pladeskruer med specificerede produkt- og hårdhedsklasser

This document specifies the mechanical and physical properties of tapping screws made of corrosion resistant austenitic, martensitic, ferritic and duplex stainless steels, with specified grades and hardness classes.

ISO 3506-6 provides general rules and additional technical information on suitable stainless steels and their properties (detailed properties of stainless steel grades, corrosion behaviour with regards to pitting, crevice and intergranular corrosion, magnetic properties, etc.).

WARNING – Tapping screws conforming to the requirements of this document are tested at the ambient temperature range of 10 °C to 35 °C and are used in applications ranging from –20 °C to +150 °C. It is possible that they do not retain the specified mechanical and physical properties at lower and/or elevated temperatures. Therefore, it is the responsibility of the user to

determine the appropriate choices based on service environment conditions of the assembly (see also Clauses 5 and 6).

This document applies to tapping screws with threads ST2,2 to ST8, in accordance with ISO 1478.

This document does not apply to tapping screws with special properties, such as weldability.

Projektleder: Pernille Rasmussen

21.100.20

Rullelejer

Rolling bearings

Nye Standarder

DS/ISO 16281:2025

DKK 665,00

Identisk med ISO 16281:2025

Rulningslejer – Metode til beregning af modificeret normeret referencelevetid for universelt belastede lejer

This document defines the calculation of the modified reference rating life taking into consideration lubrication, contamination, and fatigue load limit of the bearing material, as well as tilting or misalignment, operating clearance of the bearing and internal load distribution on rolling elements. The calculation method provided in this document covers influencing parameters additional to those described in ISO 281.

The general directions and limitations given in ISO 281 apply to this document. The calculation methods pertain to the fatigue life of the bearings. Other mechanisms of failure, like wear or microspalling (gray-staining), lie outside the scope of this document.

This document applies to single- and multi-row radial and thrust ball bearings, subjected to radial and axial load and with radial clearance and tilt taken into account. It also applies to single- and multi-row radial and thrust roller bearings, subjected to radial and axial load and with radial clearance, edge stress and tilt taken into account. References to methods for the analysis of the internal load distribution under general load are given.

The calculation of load distribution and basic reference rating life is also applicable to hybrid bearings, using the dynamic load ratings per ISO 20056-1[2]. The calculation of the modified reference rating life is not applicable to hybrid bearings.

Projektleder: Søren Nielsen

DS/ISO 17956:2025

DKK 440,00

Identisk med ISO 17956:2025

Rulningslejer – Metoder til beregning af den effektive statiske sikkerhedsfaktor for universelt belastede rulningslejer

This document specifies the calculation of the effective static safety factor under consideration of tilt or misalignment, operating clearance of the bearing, and internal load distribution on rolling elements. The calculation method provided in this document covers influencing parameters in addition to those described in ISO 76.

The directions and limitations given in ISO 76 and ISO 20056-2 apply to this document. The calculation method per-

tains to the static safety factor of the bearings. Other mechanisms of failure, like false brinelling, fatigue life, wear or microspalling (gray-staining), lie outside the scope of this document.

This document applies to single and multi-row radial and thrust ball and roller bearings, subjected to radial and axial load and with radial clearance and tilt taken into account. References to methods for the analysis of the internal load distribution under general load are given.

The analysis of effective static safety factor for multi-row bearings or bearings of a more complex geometry can be derived from the formulae given in this document. For these bearings, the load distribution for each individual row is considered.

The calculation of effective static safety factor is also applicable to hybrid bearings, using the static load ratings according to ISO 20056-2.

Projektleder: Søren Nielsen

23.020.20

Beholdere og containere monteret på køretøjer

Vessels and containers mounted on vehicles

Nye Standarder

DS/EN 14025:2023/AC:2024

DKK 0,00

Identisk med EN 14025:2023/AC:2024

Tanke til transport af farligt gods – Metalliske tryktanke – Udformning og konstruktion

This document specifies the minimum requirements for the design and construction of metallic pressure tanks for the transport of dangerous goods by road and rail and sea. It is not applicable to gravity-discharge tanks according to RID/ADR 6.8.2.1.14 (a).

This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply.

Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.3. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025.

This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493.

If not otherwise specified, provisions which take up the whole width of the page

apply to all kind of tanks. Provisions contained in a single column apply only to:

-tanks according to RID/ADR Chapter 6.8 (left-hand column);

-portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Projektleder: Pernille Rasmussen

23.020.30

Trykbeholdere

Gas pressure Pressure vessels, gas cylinders

Nye Standarder

DS/EN ISO 7866:2012/A2:2025

DKK 320,00

Identisk med ISO 7866:2012/Amd 2:2024 og EN ISO 7866:2012/A2:2025

Gasflasker – Genfyldelige, sømløse, aluminiumlegerede gasflasker – Konstruktion, fremstilling og prøvning – Tillæg 2

ISO 7866:2012 specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes and tests at time of manufacture of refillable seamless aluminium alloy gas cylinders of water capacities up to and including 150 litres for compressed, liquefied and dissolved gases for worldwide use (normally up to +65 °C).

Projektleder: Lone Skjerning

DS/INSTA 852:2024

DKK 575,00

Gasflaskeventiler til prøvetryk op til 300 bar – Ventilindgangs- og ventilafgangsforbindelser

This document covers cylinder valve outlet connections and couplings for gas cylinder valves for medical and industrial gases. Table 1 shows those gases, which the valves apply to. This document only contains dimensioning of outlet connections with related couplings.

Cylinder valves for cylinder test pressures up to 300 bar.

This document does not cover LPG, poisonous, corrosive or refrigerant gasses.

Projektleder: Lone Skjerning

23.020.35

Gasflasker

Gas cylinders

Nye Standarder

DS/EN ISO 11118:2025

DKK 665,00

Identisk med ISO 11118:2025

og EN ISO 11118:2025

Gasflasker – Metalliske engangsflasker – Specifikation og prøvningsmetoder

This document specifies requirements for the material, design, inspections, construction and workmanship, manufacturing processes, and tests at manufacture of non-refillable metallic gas cylinders of welded, brazed, or seamless construction. This document also specifies the requirements for the non-refillable sealing devices and their methods of testing. It is applicable to non-refillable metallic gas

cylinders for compressed and liquefied gases.

NOTE The specific gases permitted in cylinders constructed to this document can be limited by national or international requirements.

This document is applicable to cylinders where:

a) the test pressure does not exceed 250 bar₁) (i.e. $p_h \leq 250$ bar) for liquefied gases and 450 bar for compressed gases; or b) the product of the test pressure and the water capacity does not exceed 1 000 bar-litres (i.e. $p_h V \leq 1\ 000$ bar l); or c) the test pressure exceeds 45 bar and the water capacity does not exceed 5 l (i.e. for $p_h > 45$ bar, then $V \leq 5$ l).

1) 1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm²

Projektleder: Lone Skjerning

DS/EN ISO 7866:2012/A2:2025

DKK 320,00

Identisk med ISO 7866:2012/Amd 2:2024 og EN ISO 7866:2012/A2:2025

Gasflasker – Genfyldelige, sømløse, aluminiumlegerede gasflasker – Konstruktion, fremstilling og prøvning – Tillæg 2

ISO 7866:2012 specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes and tests at time of manufacture of refillable seamless aluminium alloy gas cylinders of water capacities up to and including 150 litres for compressed, liquefied and dissolved gases for worldwide use (normally up to +65 °C).

Projektleder: Lone Skjerning

DS/ISO 11118:2025

DKK 665,00

Identisk med ISO 11118:2025

Gasflasker – Metalliske engangsflasker – Specifikation og prøvningsmetoder

This document specifies requirements for the material, design, inspections, construction and workmanship, manufacturing processes, and tests at manufacture of non-refillable metallic gas cylinders of welded, brazed, or seamless construction. This document also specifies the requirements for the non-refillable sealing devices and their methods of testing. It is applicable to non-refillable metallic gas cylinders for compressed and liquefied gases.

NOTE The specific gases permitted in cylinders constructed to this document can be limited by national or international requirements.

This document is applicable to cylinders where:

a) the test pressure does not exceed 250 bar₁) (i.e. $p_h \leq 250$ bar) for liquefied gases and 450 bar for compressed gases; or b) the product of the test pressure and the water capacity does not exceed 1 000 bar-litres (i.e. $p_h V \leq 1\ 000$ bar l); or c) the test pressure exceeds 45 bar and the water capacity does not exceed 5 l (i.e. for $p_h > 45$ bar, then $V \leq 5$ l).

1) 1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm²

Projektleder: Lone Skjerning

23.020.40

Kryogenbeholdere

Cryogenic vessels

Offentliggjorte forslag

DSF/ISO/DIS 20421-1

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO/DIS 20421-1

Kryogenbeholdere – Store transportable vakuumisolerede beholdere – Del 1: Design, fremstilling, inspektion og prøvning

This document specifies requirements for the design, fabrication, inspection and testing of large transportable vacuum-insulated cryogenic vessels of more than 450 l volume, which are permanently (fixed tanks) or not permanently (dismountable tanks and portable tanks) attached to a means of transport, for one or more modes of transport.

This document applies to large transportable vacuum-insulated cryogenic vessels for fluids specified in 3.1 and does not apply to vessels designed for toxic fluids.

This document does not include the general vehicle requirements, e.g. running gear, brakes, lighting, etc.

NOTE 1 – This document does not cover specific requirements for refillable liquid-hydrogen tanks that are primarily dedicated as fuel tanks in vehicles. For fuel tanks used in land vehicles, see ISO 13985.

NOTE 2 – This document does not cover specific requirements for refillable liquid hydrogen and LNG tanks that are primarily dedicated as fuel tanks in vehicles. For fuel tanks used in vehicles, see ISO 13985.

23.040.01

Rørledningskomponenter og rørledninger generelt

Pipeline components and pipelines in general

Nye Standarder

DS/EN 15266:2024

DKK 747,00

Identisk med EN 15266:2024

Bøjelige korrugerede rørsæt i rustfrit stål til gasledninger med driftstryk op til 0,2 MPa (2 bar)

This document specifies the requirements for material, design, manufacture, testing, marking and documentation of stainless steel pliable corrugated gas tubing kits for gas installation pipework with a maximum allowable pressure (PS):

- less than or equal to 0,5 bar within a nominal size range from DN 10 to DN 50 (class 1); and

- less than or equal to 2 bar within a nominal size range from DN 10 to DN 25 (class 2).

This document applies to stainless steel pliable corrugated gas tubing kits used for 1st, 2nd and 3rd family gases (see EN 437) in residential, commercial and industrial gas installations to be installed outdoors

or indoors at a temperature range from –20 °C to +60 °C.

This document does not apply to:

- pliable tubing without cover;

- corrugated safety metal hose assemblies for connection to moveable appliances.

NOTE – This document does not cover the installation aspects of stainless steel pliable corrugated gas tubing kits.

Projektleder: Lone Skjerning

23.040.05

Rørledninger og tilhørende dele til udendørs systemer til tr

Pipelines and its parts for external sewage systems

Offentliggjorte forslag

DSF/ISO/DIS 11300-2

Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DIS 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

– lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-2

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-2

og prEN ISO 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which

transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

- lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25 °C for water supply networks. For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

23.040.20

Plastrørledninger

Plastics pipes

Offentliggjorte forslag

DSF/ISO/DIS 11300-1

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-1

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-3

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-3

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 13272

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 13272

Plastrørssystemer til jordlagte trykløse afløb – PVC-U, PP, PP-MD og PE – Specifikationer for nedstignings- og inspektionsbrønde i trafikerede områder og underjordiske anlæg

ISO 13272:2011 specifies the definitions and requirements for buried manholes and inspection chambers (circular or non-circular) installed to a maximum depth of 6 m from ground level to the invert of the main chamber and manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifiers (PP-MD) or polyethylene (PE). These products are intended for use in traffic areas and underground installations conforming to the general requirements given in EN 476 and are used outside the building structure (application area code "U"). They are therefore marked accordingly with a "U".

ISO 13272:2011 is only applicable to those chamber/manhole items where the manufacturer has clearly stated in the documentation how the components shall

be assembled to create a complete manhole or inspection chamber.

The inspection chambers covered by ISO 13272:2011 comprise the following:

- inspection chambers providing access to the drainage or sewerage system by means of inspection and cleaning equipment;
- chambers designated as manholes providing man access to the drainage or sewerage system.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-1

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-1

og prEN ISO 11300-1

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-3

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-3

og prEN ISO 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

23.040.40

Metal fittings

Metal fittings

Offentliggjorte forslag

DSF/prEN 10253-3

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 10253-3

Rørformstykker – Del 3: Austenitisk og austenitisk-ferritisk (duplex) plastisk forarbejdet rustfrit stål uden specifikke inspektionskrav

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements.

This document specifies:

- steel grades and their chemical compositions;
- mechanical properties;
- dimensions and tolerances;
- requirements for inspection and testing;
- inspection documents;
- marking;
- handling and packaging.

Projektleder: Lone Skjerning

23.040.45

Plast fittings

Plastics fittings

Offentliggjorte forslag

DSF/ISO/DIS 11300-1

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which

are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.
- and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

- PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;
- PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-3

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 13272

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 13272

Plastrørssystemer til jordlagte trykløse afløb – PVC-U, PP, PP-MD og PE – Specifikationer for nedstignings- og inspektionsbrønde i trafikerede områder og underjordiske anlæg

ISO 13272:2011 specifies the definitions and requirements for buried manholes and inspection chambers (circular or non-circular) installed to a maximum depth of 6 m from ground level to the invert of the main chamber and manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifiers (PP-MD) or polyethylene (PE). These products are intended for use in traffic areas and underground installations conforming to the general requirements given in EN 476 and are used outside the building structure (application area code "U"). They are therefore marked accordingly with a "U".

ISO 13272:2011 is only applicable to those chamber/manhole items where the manufacturer has clearly stated in the documentation how the components shall be assembled to create a complete manhole or inspection chamber.

The inspection chambers covered by ISO 13272:2011 comprise the following:

- inspection chambers providing access to the drainage or sewerage system by means of inspection and cleaning equipment;
- chambers designated as manholes providing man access to the drainage or sewerage system.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-1

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-1

og prEN ISO 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.
- and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

– PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-3

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-3

og prEN ISO 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with close-fit pipes.

Projektleder: Henryk Stawicki

23.040.60

Flanger, koblinger og samlinger

Flanges, couplings and joints

Offentliggjorte forslag

DSF/ISO/DIS 13954

Deadline: 2025-03-22

Relation: ISO

Identisk med ISO/DIS 13954

Plastrør og -fittings – Prøvning af dekhæson ved afskrælning af elektrosvæjste PE-samlinger med nominal yderdiameter større end eller lig med 90 mm

This document specifies a test method to assess ductility of the fusion joint interface of polyethylene electrofusion socket assemblies for use in pipe systems for the distribution of fluids. This method is applicable to assemblies, with nominal outside diameters greater than or equal to 90 mm.

Projektleder: Henryk Stawicki

23.040.70

Slanger og slangesamlinger

Hoses and hose assemblies

Offentliggjorte forslag

DSF/ISO/DIS 28017

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO/DIS 28017

Gummislanger og slangekoblinger, tråd- eller tekstilforstærkede, til opmudring – Specifikation

This document specifies requirements for two types, seven classes and three grades of wire- or textile-reinforced dredging hoses with nominal sizes ranging from 100 to 1 300. Within each class, all grades and sizes have the same maximum working pressure. Such hoses are suitable for the delivery or suction of seawater or freshwater mixed with silt, sand, coral and small stones with a specific gravity in the range from 1,0 to 2,3 at ambient temperature ranging from -10 °C to +40 °C or for low-temperature hoses (designated -LT) ranging from -20 °C to +40 °C. This document covers two types of hose, as follows:

- type 1: floating type, for delivery only, which includes flotation material to give the hose buoyancy;
- type 2: submarine type for delivery and suction.

This document does not specify requirements concerning the service life of hoses or hose assemblies. Specifying such requirements is the responsibility of the customer, in consultation with the hose manufacturer.

23.060.40

Trykregulatorer

Pressure regulators

Offentliggjorte forslag

DSF/prEN 12186

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 12186

Gasinfrastruktur – Gastryksregulatorstationer til transmission og distribution – Funktionskrav

This document describes the functional requirements relevant for design, materials, construction, testing and operation of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service.

This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gaseous fuels heavier than air and/or toxic or corrosive gases are not covered by this document.

This document does not apply to gas pressure control stations in operation prior to the publication of this standard. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the

type of gas, e.g. repurposing for the use with hydrogen.

The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this standard can be used as a guideline.

If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies.

This document contains the basic system requirements for gas pressure control stations. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards.

NOTE – For combined control and measuring stations, the additional requirements of EN 1776 can apply.

The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetry, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or other relevant standards.

The requirements of this document are based on good gas engineering practice under conditions normally encountered in the gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed.

The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction and operation.

Projektleder: Birgitte Ostertag

23.100.20

Cylindre

Cylinders

Offentliggjorte forslag

DSF/prEN 13001-3-6

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 13001-3-6

Kraner – Generel konstruktion – Del 3-6: Grænsetilstande og sikkerhedsdokumentation for maskiner – Hydrauliske cylindre

This document is to be used together with the other generic parts of the EN 13001 series of standards, see Annex E, as well as pertinent crane type product EN standards, and as such they specify general conditions, requirements and methods to, by design and theoretical verification, prevent mechanical hazards of hydraulic cylinders that are part of the load carrying structures of cranes. Hydraulic piping, hoses and connectors used with the cylinders are not within the scope of this document, as well as cylinders made from other material than carbon steel.

NOTE 1 – Specific requirements for particular crane types are given in the appro-

appropriate European product standards, see Annex E.

The significant hazardous situations and hazardous events that could result in risks to persons during intended use are identified in Annex F. Clauses 4 to 7 of this document provide requirements and methods to reduce or eliminate these risks:

- a) exceeding the limits of strength (yield, ultimate, fatigue);
- b) elastic instability (column buckling).

NOTE 2 – EN 13001-3-6 deals only with the limit state method in accordance with EN 13001-1.

Projektleder: Merete Westergaard Bennick

23.120

Ventilatorer. Blæsere. Klima anlæg

Ventilators. Fans. Air-conditioners

Offentliggjorte forslag

DSF/ISO/DIS 13347-3

Deadline: 2025-03-22

Relation: ISO

Identisk med ISO/DIS 13347-3

Ventilatorer – Bestemmelse af lydeffekt under standardiserede laboratorie-mæssige forhold – Del 3: Måling på indhyningsflader

ISO 13347-3:2004 applies to industrial fans as defined in ISO 5801 and ISO 13349. It is limited to the determination of airborne sound emission for the specified set-ups. Vibration is not measured, nor is the sensitivity of airborne sound emission to vibration effects determined.

The sizes of fan which can be tested in accordance with ISO 13347-3:2004 are limited only by the practical aspects of the test set-up. Dimensional limitations, test fan dimensions, and air performance will control the room size, power and mounting requirements for the test fan.

The test arrangements in ISO 13347-3:2004 establish the laboratory conditions necessary for a successful test. Rarely will it be possible to meet these requirements in situ and ISO 13347-3:2004 is not intended for field measurements. Intending users are reminded that, in these situations, there may well be additional acoustic system effects where inlet and outlet conditions at the fan are less than ideal.

The enveloping surface methods may be used for the determination of open inlet and/or open outlet sound power level of fans for standardized installation types.

An estimation (with increased uncertainty) of ducted sound power for fans too small, or otherwise inconvenient, for testing by the in-duct method described in ISO 5136 may also be obtained by the addition of end reflection corrections.

Projektleder: Charlotte Vartou Forsingdal

25.030

Additive fremstillingsmetoder

Additive manufacturing

Nye Standarder

DS/ISO/ASTM TS 52949:2025

DKK 355,00

Identisk med ISO/ASTM TS 52949:2025 Additiv fremstilling af metaller – Kvalificeringsprincipper – Installation af, drift af og ydeevne (IQ/OQ/PQ) for PBF-EB-udstyr

This document addresses installation qualification (IQ), operational qualification (OQ), and performance qualification (PQ) issues directly related to the additive manufacturing system that has a direct influence on the consolidation of material. The first three elements of process validation, process mapping, risk assessment, and validation planning, are necessary pre-conditions to machine qualification, however, they are outside the scope of this document.

This document covers issues directly related to the AM equipment and does not cover feedstock qualification or post processing beyond powder removal.

Physical facility, personnel, process and material issues are only included to the extent necessary to support machine qualification.

Projektleder: Berit Aadal

25.040.01

Industrielle automatiseringssystemer. Generelt

Industrial automation systems in general

Nye Standarder

DS/ISO/TS 23164:2025

DKK 747,00

Identisk med ISO/TS 23164:2025

Automationsystemer og integration – Kernevokabular for industridata

This document specifies a vocabulary for industrial data that defines generic terms for things that exist in more than one industrial domain.

The following are within the scope of this document:

- definition of terms for generic types of industrial thing;
- EXAMPLE 1 Definitions of the terms “material object”, “artefact” and “product” are within the vocabulary.
- definition of terms relevant to assemblies, systems and their breakdown structures;
- definition of terms relevant to activities and participation in activities;
- definition of terms relevant to positions and roles in organizations;
- definition of terms relevant to behaviour, capability and function;
- definition of terms relevant to state and condition;
- definition of terms relevant to specifications, designs and plans;
- definition of terms relevant to versions, alternatives and configurations for specifications, designs and plans;

– definition of terms relevant to signals and other carriers of information and to devices that process signals and information;

– definition of terms relevant to physical quantities and properties.

The following are outside the scope of this document:

– definition of terms that are relevant to data themselves, rather than the things that data are about;

EXAMPLE 2 Definitions of the terms “data” and “information” are not within the vocabulary.

– definition of terms that are relevant to representations.

EXAMPLE 3 Definitions of the terms “representation” and “model” are not within the vocabulary.

Projektleder: Søren Lütken Storm

25.040.30

Industrirobotter. Manipulatorer

Industrial robots. Manipulators

Nye Standarder

DS/IEC TS 63346-1-1:2024

DKK 355,00

Identisk med IEC TS 63346-1-1:2024 ED1 Hjælpesystemer til lavspændingsmateriel – Del 1-1: Terminologi

IEC TS 63346-1-1:2024 contains the terms used by low-voltage auxiliary power systems in power stations, substations, converter substations and associated telecommunications equipment. Terms relating to low-voltage auxiliary power systems in nuclear power stations and railways substations are beyond the scope of this document.

25.040.40

Industrielt procesmåling og -styring

Industrial process measurement and control

Offentliggjorte forslag

DSF/ISO/DIS 29002

Deadline: 2025-03-22

Relation: ISO

Identisk med ISO/DIS 29002

Automationsystemer og integration – Udveksling af karakteristiske data

This document is a common resource available to assist with the interoperability of characteristic data between various industrial data standards, such as the ISO 13399 series[11], the ISO 13584 series[12], the

ISO 15926 series[14], the ISO 18101 series[16], the ISO 22745 series[19], the IEC 61360 series[23] including the IEC Common Data Dictionary[30] and IEC 62656 series[25].

This document specifies a set of resources that enable organizations to use concept dictionaries as the basis for unambiguous exchange of characteristic data.

Projektleder: Søren Lütken Storm

DSF/ISO/DIS 8000-220**Deadline: 2025-03-06**

Relation: ISO

Identisk med ISO/DIS 8000-220

Datakvalitet – Del 220: Sensordata: Kvalitetsmåling

This deliverable specifies quality measures for quantitatively measuring quality characteristics of sensor data, where these characteristics are specified by ISO 8000-210.

The following are within the scope of this deliverable:

- fundamental principles and assumptions for measuring the quality of sensor data;
- quality measures for sensor data, with respect to applicable quality characteristics and corresponding data anomalies.

The following are outside the scope of this deliverable:

- specific values for each measure, where the value indicates a distinction between, for example, good quality and poor quality;
- methods to improve the quality of sensor data.

Projektleder: Søren Lütken Storm

DSF/prEN IEC 62264-2:2024**Deadline: 2025-03-10**

Relation: CLC

Identisk med IEC 62264-2 ED3

og prEN IEC 62264-2:2024

Integration af virksomhedens styrings-system – Del 2: Objekter og attributter til integration af virksomhedens styringsystem

This standard specifies interface content exchanged between manufacturing control functions and other enterprise functions as interrelated information models. The information models are represented as an interrelated collection of conceptual object models which can be used for the implementation of applications with logical data and physical data models. The data exchanges in interfaces are scoped as between Level 3 manufacturing operations and Level 4 business systems in the hierarchical model defined in IEC 62264-1. The standard's goal is to reduce the risk, cost, and errors associated with implementing the interfaces.

Since this standard's scope covers many manufacturing operations and enterprise domains and there are many different standards for those domains, the semantics of this data exchange standard are described at a conceptual level intended to enable the other standards to be mapped to these semantics. To this end, this standard defines a set of elements contained in the generic interface, together with a mechanism for extending the interface content for implementations.

The scope is limited to the definition of object models and attributes of the exchanged information defined in the IEC 62264-1 standard.

Projektleder: Søren Lütken Storm

DSF/prEN IEC 62541-7:2025**Deadline: 2025-03-26**

Relation: CLC

Identisk med IEC 62541-7 ED4

og prEN IEC 62541-7:2025

OPC Unified Architecture (OPC UA) – Del 7: Profiler

This document specifies value and structure of Profiles in the OPC Unified Architecture.

The actual Profiles are maintained in an online database and accessible via <https://profiles.opcfoundation.org/>.

OPC UA Profiles are used to segregate features with regard to testing of OPC UA products and the nature of the testing (tool based or lab based). This includes the testing performed by the OPC Foundation provided OPC UA CTT (a self-test tool) and by the OPC Foundation provided independent certification test labs. This could equally as well refer to test tools provided by another organization or a test lab provided by another organization. What is important is the concept of automated tool based testing versus lab based testing. The scope of this standard includes defining functionality that can only be tested in a lab and defining the grouping of functionality that is to be used when testing OPC UA products either in a lab or using automated tools. The definition of actual TestCases is not within the scope of this document, but the general categories of TestCases are within the scope of this document. Most OPC UA applications will conform to several, but not all of the Profiles.

Projektleder: Søren Lütken Storm

25.100.70**Slibemidler**

Abrasives

Nye Standarder**DS/EN 1083-1:2024**

DKK 880,00

Identisk med EN 1083-1:2024

Motordrevne børster – Del 1: Definitioner og nomenklatur

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system.

This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Projektleder: Pernille Rasmussen

DS/EN 1083-2:2024

DKK 355,00

Identisk med EN 1083-2:2024

Motordrevne børster – Del 2: Sikkerhedskrav

This document specifies requirements and measures for removal or reduction of hazards resulting from the design and application of power-driven brushes.

NOTE – Power-driven brushing tools are e.g. cup brushes, wheel brushes, end brushes, disc brushes, tube brushes and head brushes.

This document also contains procedures and tests for verification of compliance

with the requirements as well as safety information for use, which is made available to the user by the manufacturer.

This document does not apply to cylinder brushes and strip brushes, brushes for car washing, vacuum cleaners, floor cleaning, drain and street cleaning machines and dental brushes.

Projektleder: Pernille Rasmussen

25.160.01**Svejsning, lodning og bløddodning. Generelt**

Welding, brazing and soldering in general

Offentliggjorte forslag**DSF/ISO/DIS 18166****Deadline: 2025-03-04**

Relation: ISO

Identisk med ISO/DIS 18166

Numerisk svejsesimulering – Udførelse og dokumentation

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications.

CWM is a broad and growing area of engineering analysis.

ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself:

- heat flow during the analysis of one or more passes;
- thermal expansion as a result of the heat flow;
- thermal stresses;
- development of inelastic strains;
- effect of temperature on material properties;
- predictions of residual stress distributions;
- predictions of welding distortion.

ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth:

- physics of the heat source (e.g. laser or welding arc);
- physics of the melt pool (and key hole for power beam welds);
- creation and retention of non-equilibrium solid phases;
- solution and precipitation of second phase particles;
- effect of microstructure on material properties.

The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications.

This Technical Specification is independent of the software and implementation,

and therefore is not restricted to FEA, or to any particular industry.

It provides a consistent framework for primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results). Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency).

Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Projektleder: Lone Skjerning

DSF/prEN ISO 18166

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 18166

og prEN ISO 18166

Numerisk svejesimulering – Udførelse og dokumentation

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications.

CWM is a broad and growing area of engineering analysis.

ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself:

- heat flow during the analysis of one or more passes;
- thermal expansion as a result of the heat flow;
- thermal stresses;
- development of inelastic strains;
- effect of temperature on material properties;
- predictions of residual stress distributions;
- predictions of welding distortion.

ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth:

- physics of the heat source (e.g. laser or welding arc);
- physics of the melt pool (and key hole for power beam welds);
- creation and retention of non-equilibrium solid phases;
- solution and precipitation of second phase particles;
- effect of microstructure on material properties.

The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications.

This Technical Specification is independent of the software and implementation, and therefore is not restricted to FEA, or to any particular industry.

It provides a consistent framework for primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results).

Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency).

Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Projektleder: Lone Skjerning

25.160.10

Svejsprocesser

Welding processes

Offentliggjorte forslag

DSF/prEN 14587-3

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 14587-3

Jernbaner – Spor – Brandstuksvejsning af skinner – Del 3: Svejsning i forbindelse med sporskiftekonstruktioner

This document specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production.

This document applies to new Vignole rails manufactured in accordance to EN 13674-1 and welded by flash butt welding to crossing components in a fixed plant, and intended for use on railway infrastructures.

This document applies to cast Manganese crossings manufactured to EN 15689, fabricated crossings manufactured from rail and crossings manufactured from forged/rolled premium steels.

NOTE – EN 14587-1 is also used for the flashed butt welding of switches.

Sometimes special profiles exist in crossing construction, which are not rail profiles as defined in EN 13674 series (example: profile with machined off rail foot). In these cases, tests are defined by the rail-

way authority in participation with the manufacturer.

Projektleder: Per Velk

25.160.20

Hjælpematerialer til svejsning

Welding consumables

Nye Standarder

DS/EN ISO 14343:2025

DKK 575,00

Identisk med ISO 14343:2025

og EN ISO 14343:2025

Tilsatsmaterialer til svejsning – Tråd- og båndelektroder, tråde og stænger til lysbuesvejsning af rustfrie og varmebestandige stål – Klassifikation

This document specifies requirements for classification of wire electrodes, strip electrodes, wires and rods for gas-shielded metal arc welding, gas tungsten arc welding, plasma arc welding, submerged arc welding, electroslag welding and laser beam welding of stainless and heat-resisting steels. The classification of the wire electrodes, strip electrodes, wires and rods is based upon their chemical composition.

This document is a combined specification providing for classification utilizing a system based upon nominal composition (system A), or utilizing a system based upon alloy type (system B).

- Paragraphs which carry the label “classification according to nominal composition” and the suffix “system A”, or “ISO 14343-A”, are applicable only to products classified according to system A;
- Paragraphs which carry the label “classification according to alloy type” and the suffix “system B”, or “ISO 14343-B”, are applicable only to products classified according to system B.

- Paragraphs which carry neither label nor suffix letter are applicable to products that can be classified according to either system A or B or both.

Projektleder: Lone Skjerning

DS/ISO 14343:2025

DKK 525,00

Identisk med ISO 14343:2025

Tilsatsmaterialer til svejsning – Tråd- og båndelektroder, tråde og stænger til lysbuesvejsning af rustfrie og varmebestandige stål – Klassifikation

This document specifies requirements for classification of wire electrodes, strip electrodes, wires and rods for gas-shielded metal arc welding, gas tungsten arc welding, plasma arc welding, submerged arc welding, electroslag welding and laser beam welding of stainless and heat-resisting steels. The classification of the wire electrodes, strip electrodes, wires and rods is based upon their chemical composition.

This document is a combined specification providing for classification utilizing a system based upon nominal composition (system A), or utilizing a system based upon alloy type (system B).

- Paragraphs which carry the label “classification according to nominal composition” and the suffix “system A”, or “ISO 14343-A”, are applicable only to products classified according to system A;

b) Paragraphs which carry the label “classification according to alloy type” and the suffix “system B”, or “ISO 14343-B”, are applicable only to products classified according to system B.

c) Paragraphs which carry neither label nor suffix letter are applicable to products that can be classified according to either system A or B or both.

Projektleder: Lone Skjerning

Standardpakke - Svejsning - Tilsatsmaterialer 1

DKK 0,00

Standardpakke – Svejsning – Tilsatsmaterialer – Beklædte elektroder

This standards package contains standards for welding consumables for covered electrodes.

Projektleder: Mikkel Hvass

Standardpakke - Svejsning - Tilsatsmaterialer 2

DKK 0,00

Standardpakke – Svejsning – Tilsatsmaterialer – Tråd- og båndelektroder, tråde og stænger

This standards package contains standards for welding consumables for wire electrodes, strip electrodes, wires and rods.

Projektleder: Mikkel Hvass

25.160.30

Svejseudstyr

Welding equipment

Offentliggjorte forslag

DSF/EN IEC 60974-10:2021/prA1:2024

Deadline: 2025-03-01

Relation: CLC

Identisk med IEC 60974-10/AMD1 ED4 og EN IEC 60974-10:2021/prA1:2024

Udstyr til lysbuesvejsning – Del 10: Krav til elektromagnetisk kompatibilitet (EMC)

IEC 60974-10:2014 specifies a) applicable standards and test methods for radio-frequency (RF) emissions; b) applicable standards and test methods for harmonic current emission, voltage fluctuations and flicker; c) immunity requirements and test methods for continuous and transient, conducted and radiated disturbances including electrostatic discharges. This standard is applicable to equipment for arc welding and allied processes, including power sources and ancillary equipment, for example wire feeders, liquid cooling systems and arc striking and stabilizing devices. This third edition cancels and replaces the second edition published in 2007 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: – inclusion of optional use of a decoupling network and a load outside the test chamber; – inclusion of an alternative test setup for portable equipment; – inclusion of test conditions for complex controls, liquid cooling systems and arc striking and stabilizing devices; – update of the applicable limits related to the updated reference to CISPR 11; – exclusion of the use of narrow band relaxations for RF emission limits; – update of

the applicable limits for harmonics and flicker and inclusion of flow-charts related to the updated reference to IEC 61000-3-11 and IEC 61000-3-12; – update of the requirements for voltage dips related to the updated reference to IEC 61000-4-11 and IEC 61000-4-34; – update of the informative annex for installation and use; – inclusion of symbols to indicate the RF equipment class and restrictions for use.

Projektleder: Søren Lütken Storm

25.220.10

Overfladeforberedelse

Surface preparation

Offentliggjorte forslag

DSF/ISO/DIS 11126-10

Deadline: 2025-03-14

Relation: ISO

Identisk med ISO/DIS 11126-10

Klargøring af ståloverflader forud for påføring af maling og lignende produkter – Specifikation af ikke-metalliske slibemidler til sandblæsning – Del 10: Granat

ISO 11126-10:2017 specifies requirements for almandite garnet abrasives, as supplied for blast-cleaning. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides.

The requirements specified in ISO 11126-10:2017 apply to abrasives supplied in the “new” condition only. They do not apply to abrasives either during or after use.

Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.

NOTE – Although ISO 11126-10:2017 has been developed specifically to meet requirements for preparation of steelwork, the properties specified are generally appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

Projektleder: Merete Westergaard Bennick

DSF/prEN ISO 11126-10

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 11126-10

og prEN ISO 11126-10

Klargøring af ståloverflader forud for påføring af maling og lignende produkter – Specifikation af ikke-metalliske slibemidler til sandblæsning – Del 10: Granat

ISO 11126-10:2017 specifies requirements for almandite garnet abrasives, as supplied for blast-cleaning. It specifies ranges of particle sizes and values for apparent density, Mohs hardness, moisture content, conductivity of aqueous extract and water-soluble chlorides.

The requirements specified in ISO 11126-10:2017 apply to abrasives supplied in the

“new” condition only. They do not apply to abrasives either during or after use.

Test methods for non-metallic blast-cleaning abrasives are given in the various parts of ISO 11127.

NOTE – Although ISO 11126-10:2017 has been developed specifically to meet requirements for preparation of steelwork, the properties specified are generally appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

Projektleder: Merete Westergaard Bennick

25.220.20

Overfladebehandling

Surface treatment

Offentliggjorte forslag

DSF/prEN ISO 3210

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 3210

og prEN ISO 3210

Anodisering af aluminium og aluminiumlegeringer – Vurdering af kvaliteten af forseglede anodiseringslag ved måling af massetabet efter nedsænkning i syreopløsning(er)

ISO 3210:2017 specifies methods of assessing the quality of sealed anodic oxidation coatings on aluminium and its alloys by measurement of the loss of mass after immersion in acid solution(s).

It consists of the following two methods.

- Method 1: Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in a phosphoric acid based solution without prior acid treatment.

- Method 2: Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in a phosphoric acid based solution with prior acid treatment.

Method 1 is applicable to anodic oxidation coatings intended for decorative or protective purposes or where resistance to staining is important.

Method 2 is applicable to anodic oxidation coatings intended for outdoor architectural purposes. For less severe applications, Method 1 can be more suitable.

The methods are not applicable to the following:

- hard-type anodic oxidation coatings which normally are not sealed;
- anodic oxidation coatings that have been sealed only in dichromate solutions;
- anodic oxidation coatings produced in chromic acid solutions;
- anodic oxidation coatings that have undergone treatment to render them hydrophobic.

NOTE 1 – The methods assess the quality of hydrothermal sealing applied to anodized aluminium. They can be appropriate for other sealing methods.

NOTE 2 – The methods are destructive and can serve as reference methods in case of doubt or dispute regarding the results of the test for loss of absorptive

power (see ISO 2143) or the measurement of admittance (see ISO 2931).

Projektleder: Pernille Rasmussen

27.060.20

Gasbrændere

Gas fuel burners

Offentliggjorte forslag

DSF/ISO/DIS 23552-1
Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DIS 23552-1

Regulerings- og beskyttelsesudstyr til gasformigt eller flydende brændstof – Særlige krav – Del 1: Elektroniske systemer til regulering af brændstof-luft-forhold, herunder tilknyttede sensorer og mekaniske aktuatorer

This document specifies safety, design, construction, and performance requirements and testing for electronic fuel/air ratio control (FARC) /systems. Systems may include sensors, mechanical actuators and/

or motor/blower that make up the complete system. Systems can be described as, but not limited to:

- closed loop fuel/air ratio control systems (ERC), see 3.1.1;
- closed loop fuel/air ratio trim systems (ERT), see 3.1.2;
- fuel/air ratio supervision systems (ERS), see 3.2.

NOTE 1 – Throughout this document, the word “System” means “FARC control and system components”.

These systems are intended for use with burners and appliances burning gaseous or liquid fuels. This document describes the procedures for evaluating these requirements and specifies information necessary for installation and use.

This document applies to the inherent safety of the system and its , to the declared operating values, operating times and operating sequences where such are associated with FARC safety and to the testing of

FARC systems used in, on, or in association with, appliances

Projektleder: Birgitte Ostertag

DSF/prEN 12186
Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 12186

Gasinfrastruktur – Gastryksregulatorstationer til transmission og distribution – Funktionskrav

This document describes the functional requirements relevant for design, materials, construction, testing and operation of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service.

This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gaseous fuels heavier than air

and/or toxic or corrosive gases are not covered by this document.

This document does not apply to gas pressure control stations in operation prior to the publication of this standard. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the type of gas, e.g. repurposing for the use with hydrogen.

The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this standard can be used as a guideline.

If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies.

This document contains the basic system requirements for gas pressure control stations. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards.

NOTE – For combined control and measuring stations, the additional requirements of EN 1776 can apply.

The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetry, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or other relevant standards.

The requirements of this document are based on good gas engineering practice under conditions normally encountered in the gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed.

The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction and operation.

Projektleder: Birgitte Ostertag

DSF/prEN 18126
Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 18126

Udendørs gasforbrugende apparater – Yderligere bestemmelser for brug af gas fra 2. gasfamilie

This document applies to household appliances intended for outdoor use capable of working with gases of the second family or second and third family.

The scope of this document is the same as the scope of the product standards developed by the European Technical Committee CEN/TC 181 covering the same type of appliance but limited to the use of lique-

fied petroleum gases, hereinafter referred to as ‘the product standard’.

NOTE – For example, product standards are:

- for an independent cooktop: EN 484;
- for multi-purpose burners with integrated support: EN 497;
- for a barbecue or griddle: EN 498;
- for a patio heater: EN 14543;
- flueless non-domestic space heaters: EN 461;
- ...

This document applies to the manufacturing, testing and marking of appliances prior to their placing on the market and during further assessments. This document is not intended to be used for changing the gas category of an appliance already put on the market.

This document specifies the modifications of the appliances allowed to change the type of gas to be used depending of its gas category.

This document specifies the complementary information and requirement about constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of household appliances intended for outdoor use capable of operating with second-family gases (defined in EN 437:2021).

This document does not apply to appliances burning liquefied petroleum gases at the vapour pressure within the gas cartridge or gas cylinder.

This document does not apply to appliances under the scope of EN 449:2002+A1:2007.

Projektleder: Helle Harms

27.060.30

Kedler og varmevekslere

Boilers and heat exchangers

Nye Standarder

DS/EN 12953-6:2024
DKK 810,00

Identisk med EN 12953-6:2024

Kanalrøgrørskedler – Del 6: Krav til udstyr til kedlen

This document specifies the minimum requirements for safety related equipment for shell boilers (generator and/or assemblies) as specified in EN 12953-1:2012, to ensure the boiler operates within the allowable limits (pressure, temperature, etc.) and if the limits are exceeded the energy supply is automatically interrupted and locked out, irrespective of the degree of intervention.

NOTE 1 – For this document, the term “boiler” is applicable for generator and/or assemblies.

NOTE 2 – The maximum time of operation without manual (human) intervention can be specified for each boiler system.

NOTE 3 – Annex C gives recommendations of operation and testing of the boiler system with a maximum time of operation

without manual (human) intervention of 24 h and 72 h.

Projektleder: Lone Skjærning

DS/EN 12953-9:2024

DKK 747,00

Identisk med EN 12953-9:2024

Kanalrørskedler – Del 9: Krav til begrænsningsanordninger på kedlen og tilbehør

This document specifies requirements for limiters which are incorporated into safety systems for shell boilers as specified in EN 12953 1:2012.

The design requirements and examination of the limiters are covered in this document.

NOTE – See Annex E for determination of the characteristic data for use in protective circuits with a safety integrity level (SIL) rating. The requirements for limiters with regard to the safety integrity level (SIL), for example, in accordance with EN 61508 are not covered in this document.

Projektleder: Lone Skjærning

DS/EN 15502-2-1:2022+A1:2023/AC:2024

DKK 0,00

Identisk med EN 15502-2-

1:2022+A1:2023/AC:2024

Gasfyrede centralvarmekedler – Del 2-1: Specifik standard for type C-apparater og type B2-, B3- og B5-apparater med nominel indfyret effekt ikke over 1 000 kW

This document specifies the requirements and test methods, as well as the classification and marking of gas-fired central heating boilers that are fitted with atmospheric burners, fan assisted atmospheric burners or fully premixed burners, and are hereafter referred to as "boilers".

This document is intended to be used in conjunction with EN 15502-1:2021.

This document covers gas-fired central heating boilers from the types C1 up to C(11) and the types B2, B3 and B5:

NOTE 1 – For further background information on appliance types see EN 1749:2020.

a) that have a nominal heat input (on the basis of net calorific value) not exceeding 1 000 kW;

b) that use one or more combustible gases of the three gas families at the pressures stated in EN 437:2021;

c) where the temperature of the heat transfer fluid does not exceed 105 °C during normal operation;

d) where the maximum operating pressure in the water circuit does not exceed 6 bar;

e) which can give rise to condensation under certain circumstances;

f) which are declared in the instructions for installation to be either a "condensing" boiler or a "low temperature boiler" or a "standard boiler"; if no declaration is given the boiler is to be considered a "standard boiler";

g) which are intended to be installed inside a building or in a partially protected place;

h) which are intended to produce also hot water either by the instantaneous or storage principle as a single unit;

i) which are designed for either sealed water systems or for open water systems;

j) which are either modular boilers, or non-modular boilers.

k) which are from the types C(10) that are equipped with a gas-air ratio control and that have a Δp_{max} , saf(min) of 25 Pa, and C(11) that have condensing boiler modules that are equipped with a gas-air ratio control and that have a Δp_{max} , saf(min) of 25 Pa.

NOTE 2 – This document provides requirements for boilers with known constructions. For boilers with any alternative constructions, which might not fully be covered by this standard, the risk associated with this alternative construction needs to be assessed.

An example of an assessment methodology, based upon risk assessment, is given in Clause 11.

This document does not cover all the requirements for:

aa) appliances above 1 000 kW;

ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021);

ac) appliances using flue dampers;

ad) appliances of the types B21, B31, B51, C21, C41, C51, C61, C71, C81, C(12) and C(13);

ae) C7 appliances that have a nominal heat input (on the basis of net calorific value) exceeding 70 kW;

af) appliances incorporating flexible plastic flue liners;

ag) C(10) boilers:

1) without a gas-air ratio control, or

2) which are non-condensing appliances, or

3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δp_{max} , saf(min));

ah) C(11) boilers that have boiler modules:

1) without a gas-air ratio control, or

2) which are non-condensing appliances, or

3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δp_{max} , saf(min));

ai) appliances intended to be connected to a flue having mechanical extraction;

aj) surface temperatures of external parts particular to children and elderly people;

ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas;

al) appliances equipped with an adaptive combustion control function (ACCF);

am) boilers intended to be installed in areas accessible to elderly people and children.

Projektleder: Helle Harms

27.075

Hydrogenteknologier

Hydrogen technologies

Nye Standarder

DS/CWA 18157:2024

DKK 525,00

Identisk med CWA 18157:2024

Prænormativ plan for anvendelse af H2 i passagerskibe – Anbefalinger for H2-passagerskibe fra det tidlige designstadiet

This document provides a set of design and installation recommendations for the arrangement and installation of propulsion systems, using hydrogen as fuel, on passenger ships. No new safety requirements are defined in the CWA, but these recommendations can be used for a risk assessment, leveraging on existing standards (e.g. HAZOP, HAZID, FMECA), to be applicable already from the early design phases and discriminating based on the presence of passengers on board. These recommendations can be useful for a risk assessment (to be carried out in a second stage), but the risk assessment is not the focus of this CWA. The document leverages on the results of the experiments carried out within the EU e-SHyIPS project. Ultimately the document is expected to benefit the industry also in terms of knowledge sharing and policy makers for the update of relevant documents.

27.080

Varmepumper

Heat pumps

Nye Standarder

DS/EN 16905-3:2024

DKK 355,00

Identisk med EN 16905-3:2024

Gasfyrede motordrevne endotermiske varmpumper – Del 3: Prøvningsbetingelser

1.1 Scope of EN 16905 series

This series specifies the requirements, test methods and test conditions for the rating and performance calculation of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery, to be used outdoor.

This series is used in conjunction with:

a) the terms and definitions, EN 16905 1:2023;

b) the safety, EN 16905 2:-1;

c) the requirements, test conditions and test methods, EN 16905 4:-2;

d) the calculation of seasonal performances in heating and cooling mode, EN 16905-5:2022;

e) the heat pump standards, EN 14511-2:2022, EN 14511 3:2022 and EN 14825:2022.

This series only applies to appliances with a maximum heat input (based on net calorific value) not exceeding 70 kW at standard rating conditions.

This series only applies to appliances under categories I2H, I2E, I2Er, I2R, I2E(S) B, I2L, I2LL, I2ELL, I2E(R)B, I2ESi, I2E(R), I3P, I3B, I3B/P, I2H3+, I2Er3+, I2H3B/P, I2L3B/P, I2E3B/P, I2ELL3B/P, I2L3P,

II2H3P, II2E3P and II2Er3P according to EN 437:2021.

This series only applies to appliances having:

- a) gas-fired endothermic engines under the control of fully automatic control systems;
- b) closed-system refrigerant circuits in which the refrigerant does not come into direct contact with the fluid to be cooled or heated;
- c) where the temperature of the heat transfer fluid of the heating system (heating water circuit) does not exceed 105 °C during normal operation;
- d) where the maximum operating pressure in the
 - 1) heating water circuit (if installed) does not exceed 6 bar;
 - 2) domestic hot water circuit (if installed) does not exceed 10 bar.

This series applies to appliances only when used for space heating or space cooling or for refrigeration, with or without heat recovery.

This series is applicable to appliances that are intended to be type tested. Requirements for appliances that are not type tested would need to be subject to further consideration.

1.2 Scope of EN 16905 3

This part of the EN 16905 series specifies the test conditions for the rating of energy parameters of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery.

Projektleder: Helle Harms

DS/EN ISO 14903:2025

DKK 665,00

Identisk med ISO 14903:2025

og EN ISO 14903:2025

Kølesystemer og varmepumper – Kvalificering af tæthed for komponenter og samlinger

This document specifies the qualification procedure for type approval of the tightness of hermetically sealed and closed components, joints and parts used in refrigerating systems and heat pumps as described in relevant parts of the ISO 5149 series, including metal flexible piping. It specifies the level of tightness of the component as a whole and its assembly as specified by the manufacturer. It specifies additional requirements for mechanical joints that can be recognized as hermetically sealed joints.

This document is applicable to joints of maximum DN 50 and components of internal volume of maximum 5 l and maximum weight of 50 kg.

It is applicable to the hermetically sealed and closed components, joints and parts (e.g. fittings, bursting discs, flanged or fitted assemblies) used in the refrigerating installations, including those with seals, whatever their material and design are.

This document does not apply to the tightness of flexible piping made from non-metallic material. This is covered in ISO 13971.

Components tested before the date of publication of this document and found to comply with ISO 14903:2017 are considered to comply with this document.

Projektleder: Charlotte Vartou Forsingdal

DS/EN ISO 24664:2024

DKK 747,00

Identisk med ISO 24664:2024

og EN ISO 24664:2024

Kølesystemer og varmepumper – Trykaflastningsudstyr og tilhørende rør – Metoder til beregning

This document describes the calculation of:

- mass flow for sizing pressure relief devices for parts of refrigerating systems;
- discharge capacities for pressure relief valves and other pressure relief devices in refrigerating systems including the necessary data for sizing these when relieving to atmosphere or to part of the refrigerating system at lower pressure;
- the pressure loss in the inlet and outlet lines of pressure relief valves and other pressure relief devices and includes the necessary data.

This document specifies the requirements for selection of pressure relief devices to prevent excessive pressure due to internal and external heat sources, the sources of increasing pressure (e.g. compressor, heaters, etc.) and thermal expansion of trapped liquid.

NOTE The term "refrigerating system" used in this document includes heat pumps.

Projektleder: Charlotte Vartou Forsingdal

DS/ISO 14903:2025

DKK 665,00

Identisk med ISO 14903:2025

Kølesystemer og varmepumper – Kvalificering af tæthed for komponenter og samlinger

This document specifies the qualification procedure for type approval of the tightness of hermetically sealed and closed components, joints and parts used in refrigerating systems and heat pumps as described in relevant parts of the ISO 5149 series, including metal flexible piping. It specifies the level of tightness of the component as a whole and its assembly as specified by the manufacturer. It specifies additional requirements for mechanical joints that can be recognized as hermetically sealed joints.

This document is applicable to joints of maximum DN 50 and components of internal volume of maximum 5 l and maximum weight of 50 kg.

It is applicable to the hermetically sealed and closed components, joints and parts (e.g. fittings, bursting discs, flanged or fitted assemblies) used in the refrigerating installations, including those with seals, whatever their material and design are.

This document does not apply to the tightness of flexible piping made from non-metallic material. This is covered in ISO 13971.

Components tested before the date of publication of this document and found to comply with ISO 14903:2017 are considered to comply with this document.

Projektleder: Charlotte Vartou Forsingdal

DS/ISO 24664:2024

DKK 665,00

Identisk med ISO 24664:2024

Kølesystemer og varmepumper – Trykaflastningsudstyr og tilhørende rør – Metoder til beregning

This document describes the calculation of:

- mass flow for sizing pressure relief devices for parts of refrigerating systems;
- discharge capacities for pressure relief valves and other pressure relief devices in refrigerating systems including the necessary data for sizing these when relieving to atmosphere or to part of the refrigerating system at lower pressure;
- the pressure loss in the inlet and outlet lines of pressure relief valves and other pressure relief devices and includes the necessary data.

This document specifies the requirements for selection of pressure relief devices to prevent excessive pressure due to internal and external heat sources, the sources of increasing pressure (e.g. compressor, heaters, etc.) and thermal expansion of trapped liquid.

NOTE The term "refrigerating system" used in this document includes heat pumps.

Projektleder: Charlotte Vartou Forsingdal

27.140

Hydraulisk energi

Hydraulic energy engineering

Nye Standarder

DS/IEC TS 62600-101:2024

DKK 810,00

Identisk med IEC TS 62600-101:2024 ED2

Marin energi – Teknologier til omdannelse af bølgekraft, tidevandskraft og anden vandkraft – Del 101: Vurdering og karakterisering af bølgeenergisressourcer

IEC TS 62600-101:2024 establishes a system for estimating, analysing and reporting the wave energy resource at sites potentially suitable for the installation of Wave Energy Converters (WECs). This document is to be applied at all stages of site assessment, from initial investigations to detailed project design. This document is to be applied in conjunction with the IEC Technical Specification on WEC performance (IEC TS 62600-100) to estimate the mean annual energy production of a WEC or WEC array as described in the methodology in Annex A. This document is not intended for estimation of extreme wave conditions. The framework and methodologies prescribed in this document are intended to ensure that only adequate models are used, and that they are applied in an appropriate manner to ensure confidence and consistency in the reported results. Moreover, the document prescribes methods for analysing metocean data (including the data generated by modelling) in order to properly quantify and characterize the temporal and spatial attributes of the wave energy resource, and for reporting the results of a resource assessment in a comprehensive and consistent manner.

Projektleder: Per Velk

27.160**Solenergi**

Solar energy engineering

Nye Standarder**DS/IEC TS 62257-9-5:2024**

DKK 1.580,00

Identisk med IEC TS 62257-9-5:2024 ED5
Vedvarende energi- og hybridanlæg til elektrificering af landdistrikter – Del 9-5: Integreerede systemer – Laboratorieevaluering af uafhængige vedvarende energiprodukter til elektrificering af landdistrikter

IEC TS 62257-9-5:2024 provides support and strategies for institutions involved in rural electrification projects. It documents technical approaches for designing, building, testing, and maintaining off-grid renewable energy and hybrid systems with AC nominal voltage below 500 V, DC nominal voltage below 750 V and nominal power below 100 kVA.

The purpose of this document is to specify laboratory test methods for evaluating the quality assurance of stand-alone renewable energy products. This document is specifically related to renewable energy products that are packaged and made available to end-use consumers at the point of purchase as single, stand-alone products that do not require additional system components to function.

This document establishes the framework for creating a product specification, the basis for evaluating quality for a particular context. Product specifications include minimum requirements for quality standards and warranty requirements.

This document applies to stand-alone renewable energy products having the following characteristics: This document was written primarily for off-grid renewable energy products with batteries and PV modules with DC system voltages not exceeding 35 V and peak power ratings not exceeding 350 W. This document includes provisions related to safety; however, it is not intended to be a comprehensive safety standard. In particular, this document is not intended to be used as an alternative to safety standards such as IEC 62368-1 or IEC 60335 (all parts) for appliances such as radios and televisions that are included with stand-alone renewable energy products

Projektleder: Per Velk

DS/IEC TS 62257-9-8:2025

DKK 880,00

Identisk med IEC TS 62257-9-8:2025 ED2
Vedvarende energi- og hybridanlæg til elektrificering af landdistrikter – Del 9-8: Integreerede systemer – Krav til uafhængige vedvarende energiprodukter med mærkeeffekt under eller lig med 350 W

IEC TS 62257-9-8:2025 provides baseline requirements for quality, durability and truth in advertising to protect consumers of off-grid renewable energy products. Evaluation of these requirements is based on tests described in IEC TS 62257-9-5. This document can be used alone or in conjunction with other international standards that address the safety and durability of components of off-grid renewable energy products. This document applies to

stand-alone renewable energy products having the following characteristics:- The products are powered by photovoltaic (PV) modules or electromechanical power generating devices (such as dynamos), or are designed to use grid electricity to charge a battery or other energy-storage device for off-grid use. The requirements may also be appropriate as guidance for evaluating the quality of products with other power sources, such as thermoelectric generators.- The peak power rating of the PV module or other power generating device is less than or equal to 350 W.- The system evaluated includes all the loads (lighting, television, radio, fan, etc.) and load adapter cables that are sold or included as part of the kit or integrated into kit components.- The PV module maximum power point voltage and the working voltage of any other components in the kit do not exceed 35 V. Exceptions are made for AC-to-DC converters that meet appropriate safety standards, and systems that include PV modules (or combinations of PV modules) with open-circuit voltage greater than 35 V that meet additional safety requirements beyond those assessed in IEC TS 62257-9-5. This document includes provisions related to safety; however, it is not intended to be a comprehensive safety standard. In particular, this document is not intended to be used as an alternative to safety standards such as IEC 62368-1 or the IEC 60335 series for appliances such as radios and televisions that are included with stand-alone renewable energy products. Nor is it intended to replace the safety requirements of IEC 62281 or UN 38.3 for battery safety during transport, or safety requirements of IEC 61730-1 and IEC 61730-2 for PV modules intended for use outside the context of stand-alone renewable energy products.

Projektleder: Per Velk

27.180**Vindenergi**

Wind turbine energy systems

Offentliggjorte forslag**DSF/ISO/DIS 16079-1****Deadline: 2025-03-08**

Relation: ISO

Identisk med ISO/DIS 16079-1

Tilstandsovervågning og diagnosticering af vindmøller – Del 1: Generelle retningslinjer

ISO 16079-1:2017 gives guidelines which provide the basis for choosing condition monitoring methods used for failure mode detection, diagnostics and prognostics of wind power plant components.

Projektleder: Liselotte Sørensen

27.190**Biologiske kilder og alternative energikilder**

Biological sources and alternative sources of energy

Nye Standarder**DS/IEC TS 62600-101:2024**

DKK 810,00

Identisk med IEC TS 62600-101:2024 ED2
Marin energi – Teknologier til omdannelse af bølgekræft, tidevandskræft og anden vandkræft – Del 101: Vurdering og karakterisering af bølgeenergisourcer

IEC TS 62600-101:2024 establishes a system for estimating, analysing and reporting the wave energy resource at sites potentially suitable for the installation of Wave Energy Converters (WECs). This document is to be applied at all stages of site assessment, from initial investigations to detailed project design. This document is to be applied in conjunction with the IEC Technical Specification on WEC performance (IEC TS 62600-100) to estimate the mean annual energy production of a WEC or WEC array as described in the methodology in Annex A. This document is not intended for estimation of extreme wave conditions. The framework and methodologies prescribed in this document are intended to ensure that only adequate models are used, and that they are applied in an appropriate manner to ensure confidence and consistency in the reported results. Moreover, the document prescribes methods for analysing metocean data (including the data generated by modelling) in order to properly quantify and characterize the temporal and spatial attributes of the wave energy resource, and for reporting the results of a resource assessment in a comprehensive and consistent manner.

Projektleder: Per Velk

27.200**Køleteknologi**

Refrigerating technology

Nye Standarder**DS/EN ISO 14903:2025**

DKK 665,00

Identisk med ISO 14903:2025

og EN ISO 14903:2025

Kølesystemer og varmepumper – Kvalificering af tæthed for komponenter og samlinger

This document specifies the qualification procedure for type approval of the tightness of hermetically sealed and closed components, joints and parts used in refrigerating systems and heat pumps as described in relevant parts of the ISO 5149 series, including metal flexible piping. It specifies the level of tightness of the component as a whole and its assembly as specified by the manufacturer. It specifies additional requirements for mechanical joints that can be recognized as hermetically sealed joints.

This document is applicable to joints of maximum DN 50 and components of

internal volume of maximum 5 l and maximum weight of 50 kg.

It is applicable to the hermetically sealed and closed components, joints and parts (e.g. fittings, bursting discs, flanged or fitted assemblies) used in the refrigerating installations, including those with seals, whatever their material and design are.

This document does not apply to the tightness of flexible piping made from non-metallic material. This is covered in ISO 13971.

Components tested before the date of publication of this document and found to comply with ISO 14903:2017 are considered to comply with this document.

Projektleder: Charlotte Vartou Forsingdal

DS/EN ISO 24664:2024

DKK 747,00

Identisk med ISO 24664:2024

og EN ISO 24664:2024

Kølesystemer og varmepumper – Trykaflastningsudstyr og tilhørende rør – Metoder til beregning

This document describes the calculation of:

- mass flow for sizing pressure relief devices for parts of refrigerating systems;
- discharge capacities for pressure relief valves and other pressure relief devices in refrigerating systems including the necessary data for sizing these when relieving to atmosphere or to part of the refrigerating system at lower pressure;
- the pressure loss in the inlet and outlet lines of pressure relief valves and other pressure relief devices and includes the necessary data.

This document specifies the requirements for selection of pressure relief devices to prevent excessive pressure due to internal and external heat sources, the sources of increasing pressure (e.g. compressor, heaters, etc.) and thermal expansion of trapped liquid.

NOTE The term "refrigerating system" used in this document includes heat pumps.

Projektleder: Charlotte Vartou Forsingdal

DS/ISO 14903:2025

DKK 665,00

Identisk med ISO 14903:2025

Kølesystemer og varmepumper – Kvalificering af tæthed for komponenter og samlinger

This document specifies the qualification procedure for type approval of the tightness of hermetically sealed and closed components, joints and parts used in refrigerating systems and heat pumps as described in relevant parts of the ISO 5149 series, including metal flexible piping. It specifies the level of tightness of the component as a whole and its assembly as specified by the manufacturer. It specifies additional requirements for mechanical joints that can be recognized as hermetically sealed joints.

This document is applicable to joints of maximum DN 50 and components of internal volume of maximum 5 l and maximum weight of 50 kg.

It is applicable to the hermetically sealed and closed components, joints and parts (e.g. fittings, bursting discs, flanged or fitted assemblies) used in the refrigerating

installations, including those with seals, whatever their material and design are.

This document does not apply to the tightness of flexible piping made from non-metallic material. This is covered in ISO 13971.

Components tested before the date of publication of this document and found to comply with ISO 14903:2017 are considered to comply with this document.

Projektleder: Charlotte Vartou Forsingdal

DS/ISO 24664:2024

DKK 665,00

Identisk med ISO 24664:2024

Kølesystemer og varmepumper – Trykaflastningsudstyr og tilhørende rør – Metoder til beregning

This document describes the calculation of:

- mass flow for sizing pressure relief devices for parts of refrigerating systems;
- discharge capacities for pressure relief valves and other pressure relief devices in refrigerating systems including the necessary data for sizing these when relieving to atmosphere or to part of the refrigerating system at lower pressure;
- the pressure loss in the inlet and outlet lines of pressure relief valves and other pressure relief devices and includes the necessary data.

This document specifies the requirements for selection of pressure relief devices to prevent excessive pressure due to internal and external heat sources, the sources of increasing pressure (e.g. compressor, heaters, etc.) and thermal expansion of trapped liquid.

NOTE The term "refrigerating system" used in this document includes heat pumps.

Projektleder: Charlotte Vartou Forsingdal

29.020

Elektroteknik generelt

Electrical engineering in general

Offentliggjorte forslag

DSF/IEC SRD 63417 ED1

Deadline: 2025-03-01

Relation: IEC

Identisk med IEC SRD 63417 ED1

Vejledning og plan til udvikling af ontologier over smart energi

Semantic Interoperability and Ontologies are presented in the IEC MSB White Paper: "Semantic interoperability: challenges in the digital transformation age" (ISBN 978-2-8322-7321-0)

Domain-based ontologies have been developed for semantic interoperability in a specific domain but the interaction of semantically equivalent objects in different ontologies has not been defined.

There have been many studies among semantic interoperability in power grid and energy ontology and different ontologies have been developed to improve energy data interoperability. However choosing a reference ontology which meets the requirement and covers the large domains in smart energy systems is a big challenge as not all ontologies represent the same energy data domains and at the same level

of data details. This heterogeneity makes interoperability issues in implementation of these ontologies. Therefore, the determination of a unified Ontology is necessary for Smart Energy to go one step beyond the major innovations and improvements achieved in the past decade.

This publication provides a Guide and Plan to develop a Smart Energy Ontology and other domain-based ontologies within smart energy through semantic interoperability. This includes but is not limited to:

- Inventory and assessment of existing ontologies for the purpose of Smart energy applications:

Reuse of existing ontologies in the smart energy domain

Evaluation of developed smart energy ontologies

Cross domain semantic interoperability support and mapping to other ontologies

- Guide and Development plan for smart energy ontology development and usage including

Definition of smart energy ontology lifecycle process

Guidance for smart energy ontology use cases

Definition of a governance process

Domain-based ontologies have been developed for semantic interoperability in a specific domain but the interaction of semantically equivalent objects in different ontologies has not been defined. This publication helps users and ontology developers to conclude the complete relationship in different domains and different ontologies for the purpose of Smart Energy applications

Projektleder: Henning Nielsen

DSF/IEC TR 63534 ED1

Deadline: 2025-02-25

Relation: IEC

Identisk med IEC TR 63534 ED1

Integrering af distribueret PV i LVDC-systemer og usecases

This document reviews existing theoretical attempts and engineering applications in the area of solar PV systems coupled to LVDC systems. There are three aspects that are identified to be highly relevant to standard compilations:

- power converters and possible control mechanisms that are eligible for facilitating the interlinking between PV and LVDC networks;
- local PV system islanding detection algorithms and fault ride through in case of main grid faults;
- stability analysis of PV interacting with LVDC systems and corresponding stabilization methods;

An inventory of existing (mostly IEC and national) standards is also presented, based on which different sorts of PV integration scenarios are elaborated. Gaps between actual standards and future needs are analyzed and guidelines for evolution are presented.

Projektleder: Henning Nielsen

DSF/prHD IEC 60364-7-717:2024
Deadline: 2025-03-05

Relation: CLC

Identisk med IEC 60364-7-717 ED3

og prHD IEC 60364-7-717:2024

Elektriske lavspændingsinstallationer – Del 7-717: Krav til særlige installationer eller lokationer – Mobile eller transportable enheder

The particular requirements as specified in this part of IEC 60364 applies to electrical installations of mobile units or transportable units, hereby referred to as units. The requirements of this part are not applicable to:

- generating sets,
- pleasure crafts;
- caravans and motor caravans;
- electrical circuits and equipment for automotive purposes;

Projektleder: Lars Kamarainen

29.030**Magnetiske materialer**

Magnetic materials

Offentliggjorte forslag**DSF/EN IEC 60404-1:2017/prA1:2024**
Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60404-1/AMD1 ED3

og EN IEC 60404-1:2017/prA1:2024

Magnetiske materialer – Del 1: Klassifikation

IEC 60404-1:2016 is available IEC 60404-1:2016 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.

IEC 60404-1:2016(E) is intended to classify commercially available magnetic materials. The term "magnetic materials" denotes substances where the application requires the existence of ferromagnetic or ferrimagnetic properties. The classification of magnetic materials is based upon the generally recognized existence of two main groups of products:

- soft magnetic materials (coercivity less than or equal to 1 000 A/m);
- hard magnetic materials (coercivity greater than 1 000 A/m). This edition includes the following significant technical changes with respect to the previous edition:

- a) Removal of all tables and values describing typical properties of the material to be consistent with the aim of the document to be a classification and not a specification.
- b) Enlargement of the Ni content for the classes E1 and E3.
- c) Enlargement of the Co content for the classes F3.
- d) Addition of a new class: U5 bonded rare earth-iron-nitrogen magnets.

Projektleder: Søren Lütken Storm

29.035.01**Isolationsmaterialer. Generelt**

Insulating materials in general

Nye Standarder**DS/EN IEC 62836:2024**

DKK 747,00

Identisk med IEC 62836:2024 ED1

og EN IEC 62836:2024

Måling af indre elektriske felter i isolationsmaterialer – Metode med udbredning af trykbølge gennem elektrisk ladet materiale

IEC 62836:2024 provides an efficient and reliable procedure to test the internal electric field in the insulating materials used for high-voltage applications, by using the pressure wave propagation (PWP) method. It is suitable for a planar and coaxial geometry sample with homogeneous insulating materials of thickness larger or equal to 0,5 mm and an electric field higher than 1 kV/mm, but it is also dependent on the thickness of the sample and the pressure wave generator.

This first edition cancels and replaces IEC TS 62836 published in 2020.

This edition includes the following significant technical changes with respect to IEC TS 62836:

- a) addition of Clause 12 for the measurement of space charge distribution in a planar sample;
- b) addition of Clause 13 for coaxial geometry samples;
- c) addition of Annex D with measurement examples for coaxial geometry samples;
- d) addition of a Bibliography;
- e) measurement examples for a planar sample have been moved from Clause 12 in IEC TS 62836 to Annex C.

Projektleder: Maria Gabriella Banck

29.060.20**Kabler**

Cables

Nye Standarder**DS/EN IEC 61442:2024**

DKK 665,00

Identisk med IEC 61442:2023 ED3

og EN IEC 61442:2024

Prøvningsmetoder for tilbehør til kraftkabler med mærkespændinger fra 6 kV (Um = 7,2 kV) til 36 kV (Um = 42 kV)

IEC 61442:2023 is available as IEC 61442:2023 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.

IEC 61442:2023 specifies the test methods applicable for type testing accessories for power cables with rated voltages from 3,6/6 (7,2) kV up to 18/30 (36) kV. The test methods specified in this document apply to accessories for extruded

and paper insulated cables according to IEC 60502-2 and IEC 60055-1 respectively.

Projektleder: Maria Gabriella Banck

DS/HD 60364-5-52:2011/A1:2025

DKK 355,00

Identisk med IEC 60364-5-52:2009/AMD1:2024 ED3

og HD 60364-5-52:2011/A1:2025

Elektriske lavspændingsinstallationer – Del 5-52: Valg og installation af elektrisk materiel – Ledningssystemer

IEC 60364-5-52:2009 deals with the selection and erection of wiring systems. This third edition cancels and replaces the second edition, published in 2001, and constitutes a technical revision. The main changes with respect to the previous edition are as follows: – Subclause 521.4 introduces minor changes with regard to busbar trunking systems and powertrack systems. – Subclause 523.6 introduces minor changes with regard to the sizing of cables where harmonic currents are present. – A new subclause 523.9 concerning single-core cables with a metallic covering has been introduced. – Clause 525 introduces changes in the maximum value of voltage drop permitted between the origin of the consumer's installation and the equipment which should not be greater than that given in the relevant annex. – Clause 526 introduces minor changes to electrical connections including additional exceptions for inspection of connections and additional notes. – Clause 528 introduces additional requirements with regard to proximity of underground power and telecommunication cables. – Clause 529 introduces minor changes to selection and erection of wiring systems in relation to maintainability, including cleaning.

Projektleder: Lars Kamarainen

29.080.01**Elektrisk isolation. Generelt**

Electrical insulation in general

Nye Standarder**DS/EN IEC 61557-1:2021/A1:2024**

DKK 320,00

Identisk med IEC 61557-1:2019/AMD1:2024 ED3

og EN IEC 61557-1:2021/A1:2024

Elektrisk sikkerhed i lavspændings-distributionssystemer op til 1000 V vekselstrøm og 1500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 1: Generelle krav

This part of IEC 61557 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC.

When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable.

NOTE – The term "measuring equipment" will hereafter be used to designate

"testing, measuring and monitoring equipment".

Other parts of IEC 61557 can specify additional requirements or deviations.

This document does not cover functional safety or cybersecurity.

Projektleder: Pernille Rasmussen

DS/EN IEC 61557-10:2024

DKK 355,00

Identisk med IEC 61557-10:2024 ED3

og EN IEC 61557-10:2024

Elektrisk sikkerhed i lavspændingsdistributionssystemer op til 1 000 V vekselstrøm og 1 500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 10: Kombineret måleudstyr

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus.

Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this document.

Projektleder: Pernille Rasmussen

DS/IEC TR 60071-4:2004 ED1

DKK 1.055,00

Identisk med IEC TR 60071-4:2004 ED1

Isolationskoordinering – Del 4: Beregningsvejledning til isolationskoordinering og modellering af elnet

Gives guidance on conducting insulation co-ordination studies which propose internationally recognized recommendations – for the numerical modelling of electrical systems, and – for the implementation of deterministic and probabilistic methods adapted to the use of numerical programmes. Its object is to give information in terms of methods, modelling and examples, allowing for the application of the approaches presented in IEC 60071-2, and for the selection of insulation levels of equipment or installations, as defined in IEC 60071-1.

Projektleder: Maria Gabriella Banck

29.080.30

Isoleringssystemer

Insulation systems

Nye Standarder

DS/IEC TR 60071-4:2004 ED1

DKK 1.055,00

Identisk med IEC TR 60071-4:2004 ED1

Isolationskoordinering – Del 4: Beregningsvejledning til isolationskoordinering og modellering af elnet

Gives guidance on conducting insulation co-ordination studies which propose internationally recognized recommendations – for the numerical modelling of electrical systems, and – for the implementation of deterministic and probabilistic methods adapted to the use of numerical programmes. Its object is to give information in

terms of methods, modelling and examples, allowing for the application of the approaches presented in IEC 60071-2, and for the selection of insulation levels of equipment or installations, as defined in IEC 60071-1.

Projektleder: Maria Gabriella Banck

29.120.50

Sikringer og andre anordninger til overstrømsbeskyttelse

Fuses and other overcurrent protection devices

Nye Standarder

DS/EN IEC 60269-7:2024

DKK 470,00

Identisk med IEC 60269-7:2021 ED1

og EN IEC 60269-7:2024

Lavspændingssikringer – Del 7: Til-lægskrav til sikringsforbindelser til beskyttelse af batterier og batterisystemer

These supplementary requirements apply to fuse-links for the protection of batteries and battery systems, including, but not limited to terminology, for electricity storage in equipment for circuits of nominal voltages up to 1 500 V d.c.

Their rated voltage may be higher than 1 500 V d.c.

The object of these supplementary requirements is to establish the characteristics of Battery fuse-links in such a way that they can be replaced by other fuse-links having the same characteristics, provided that their dimensions are identical.

Projektleder: Pernille Rasmussen

DS/HD 60269-2:2013/A2:2024

DKK 355,00

Identisk med IEC 60269-2:2013/

AMD2:2024 ED5

og HD 60269-2:2013/A2:2024

Lavspændingssikringer – Del 2: Til-lægskrav til sikringer, der anvendes af bemyndigede personer (sikringer hovedsageligt til industribrug) – Eksempler på standardiserede sikringssystemer A til K

IEC 60269-2:2013 provides supplementary requirements for fuses for use by authorized persons and are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only. Fuses for use by authorized persons according to the following fuse systems also comply with the requirements of the corresponding subclauses of IEC 60269-1, unless otherwise defined in this standard. This standard is divided into fuse systems, each dealing with a specific example of standardized fuses for use by authorized persons:

– Fuse system A: Fuses with fuse-links with blade contacts (NH fuse system), – Fuse system B: Fuses with striker fuse-links with blade contacts (NH fuse system), – Fuse system C: Fuse-rails (NH fuse system), – Fuse system D: Fuse-bases for busbar mounting (NH fuse system), – Fuse system E: Fuses with fuse-links for bolted connections (BS bolted fuse system), – Fuse system F: Fuses with fuse-links having cylindrical contact caps (NF cylindrical fuse system), – Fuse system G:

Fuses with fuse-links with offset blade contacts (BS clip-in fuse system), – Fuse system H: Fuses with fuse-links having 'gD' and 'gN' characteristic (class J and class time delay and non time delay fuse types), – Fuse system I: gU fuse-links with wedge tightening contacts, – Fuse system J: Fuses with fuse-links having 'gD class CC' and 'gN class CC' characteristics (class CC time delay and non-time delay fuse types), – Fuse system K: gK fuse-links with blade for bolted connections – High fuse-link ratings from 1 250 A up to 4 800 A (master fuse-links). This fifth edition of IEC 60269-2 cancels and replaces the fourth edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: 1. fuse systems A and B: modified values for the power dissipation of NH aM fuse-links; 2. fuse systems A and B: introduction of dimension r for NH fuse-links; 3. addition of new fuse system K: gK fuse-links with contacts for bolted connections. Key Words: fuse systems A to K, requirements for fuses

Projektleder: Pernille Rasmussen

DS/HD 60364-5-52:2011/A1:2025

DKK 355,00

Identisk med IEC 60364-5-52:2009/

AMD1:2024 ED3

og HD 60364-5-52:2011/A1:2025

Elektriske lavspændingsinstallationer – Del 5-52: Valg og installation af elektrisk materiel – Ledningssystemer

IEC 60364-5-52:2009 deals with the selection and erection of wiring systems. This third edition cancels and replaces the second edition, published in 2001, and constitutes a technical revision. The main changes with respect to the previous edition are as follows: – Subclause 521.4 introduces minor changes with regard to busbar trunking systems and powertrack systems. – Subclause 523.6 introduces minor changes with regard to the sizing of cables where harmonic currents are present. – A new subclause 523.9 concerning single-core cables with a metallic covering has been introduced. – Clause 525 introduces changes in the maximum value of voltage drop permitted between the origin of the consumer's installation and the equipment which should not be greater than that given in the relevant annex. – Clause 526 introduces minor changes to electrical connections including additional exceptions for inspection of connections and additional notes. – Clause 528 introduces additional requirements with regard to proximity of underground power and telecommunication cables. – Clause 529 introduces minor changes to selection and erection of wiring systems in relation to maintainability, including cleaning.

Projektleder: Lars Kamarainen

29.120.70**Relæer**Relays

Nye Standarder**DS/EN IEC 63522-13:2025**

DKK 355,00

Identisk med IEC 63522-13:2024 ED1

og EN IEC 63522-13:2025

Elektriske relæer – Prøvninger og målinger – Del 7-13: Korrosive atmosfærer – Forurenede atmosfærer

IEC 63522-13:2024 is used for testing electromechanical elementary relays (electromechanical relays, reed relays, reed contacts, reed switches and technology combinations of these) and for evaluating their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

This document defines a standard test method to simulate impacts of sulfuric atmospheres to relays. The test conditions simulate an artificial situation and allow a performance comparison for usability of the devices under test (DUT) with regard to known and existing switching solutions. The test is a static test without actual operation of the DUT to simulate a worst-case scenario for corrosion, since corrosion increases over time. The corrosion layer can potentially create contact sticking, increase resistance or other undesired effects in the relay. Those aspects can be affected by DUT actuations during the test, which can destroy the corrosion layers or hide relevant long-term effects.

In addition to polluted atmospheres, the suitability of the DUT for use and/or storage in corrosive atmospheres can be assessed in a salt-laden atmosphere as described in IEC 63522-44.

Projektleder: Pernille Rasmussen

DS/EN IEC 63522-15:2025

DKK 355,00

Identisk med IEC 63522-15:2024 ED1

og EN IEC 63522-15:2025

Elektriske relæer – Prøvninger og målinger – Del 7-15: Klemmers robusthed

IEC 63522-15:2024 is used for testing electromechanical elementary relays (electromechanical relays, reed relays, reed contacts, reed switches and technology combination of these) and evaluates their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

This document defines a standard test method that applies defined loads to relay terminals (direct axial pulls, bending or twisting) as they can be present in assembled configurations or during handling. In addition, it covers torque stress for nuts and threaded terminals as they are likely to be experienced during normal assembly operations.

Projektleder: Pernille Rasmussen

DS/EN IEC 63522-17:2025

DKK 470,00

Identisk med IEC 63522-17:2024 ED1

og EN IEC 63522-17:2025

Elektriske relæer – Prøvninger og målinger – Del 7-17: Chok, acceleration og vibration

IEC 63522-17:2024 is used for testing electromechanical elementary relays (electromechanical relays, reed relays, reed contacts, reed switches and technology combination of these) and for evaluating their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

This document defines a standard test method to simulate the mechanical stress on relays as it can occur in service, during handling or during transportation. This document comprises test procedures to simulate shock impacts, steady acceleration environments (such as moving vehicles, aircraft and projectiles) as well as vibration conditions.

Projektleder: Pernille Rasmussen

DS/EN IEC 63522-48:2025

DKK 575,00

Identisk med IEC 63522-48:2024 ED1

og EN IEC 63522-48:2025

Elektriske relæer – Prøvninger og målinger – Del 7-48: Prøvning af kontaktfejllhyppighed

IEC 63522-48:2024 is used for testing electromechanical elementary relays (electromechanical relays, reed relays, reed contacts, reed switches and technology combinations of these) and for evaluating their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

This document defines a standard test method for contact failure rate test of electromechanical elementary relays applied to low-load applications (e.g., CC 0, CC 1) and failure rates and failure rate levels at low loads under specified conditions.

Projektleder: Pernille Rasmussen

29.130.20**Lavspændingskoblingsudstyr**Low voltage switchgear and controlgear

Nye Standarder**DS/EN IEC 62683-2-3:2024**

DKK 470,00

Identisk med IEC 62683-2-3:2024 ED1

og EN IEC 62683-2-3:2024

Produktdata og egenskaber til informationsudveksling – Tekniske data – Del 2-3: Funktionsmæssig sikkerhed og pålidelighed

IEC 62683-2:2024 specifies the functional safety and reliability data model descriptions for low-voltage switchgear and controlgear to be used by engineering tools for the design of safety related control systems according to IEC 62061, IEC 61508-2 and ISO 13849-1, and for dependability analysis of electrotechnical systems.

This dictionary is used to facilitate the exchange between computers of data cha-

racterizing low-voltage switchgear and controlgear.

Each property has an unambiguously defined meaning and naming, and where relevant, a defined value list, a defined format and a defined unit.

The data models described in this document are intended to complement the product catalogue data defined by IEC 62683-1.

This document does not cover:

- exchange format such as defined in VDMA 66413,
- explosive atmosphere applications,
- manufacturer specific features.

Projektleder: Henning Nielsen

29.140.40**Belysningsarmaturer**Luminaires

Nye Standarder**DS/EN IEC 60598-1:2024**

DKK 1.205,00

Identisk med IEC 60598-1:2024 ED10

og EN IEC 60598-1:2024

Belysningsarmaturer – Del 1: Generelle krav og prøver

IEC 60598-1:2024 specifies general safety requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. Requirements for semi-luminaires are included in this document.

This tenth edition cancels and replaces the ninth edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) new structure to comply with the ISO/IEC Directives, Part 2;
- b) addition of a new Annex V for comparison with the previous edition;
- c) revision of 7.32 for SPDs and for SPCs;
- d) the terms "live part" and "active part" were reviewed and aligned with the definitions of "live part" and "hazardous live part" given in IEC 60050-195;
- e) revision of 7.14.2 for conductor mechanical stress;
- f) revision of 14.5.2, Item 4 to include controlgear;
- g) revision of 9.2.1 (Earthing) with the deletion of the word "permanently";
- h) revision of Annex N: earth continuity test time;
- i) revision of 7.11.4; 7.14.1; Table 22 (14.4.3): Introduction of requirements for suspension by magnets;
- j) addition of a new Annex W for luminaires using batteries;
- k) clarification of Clause 6 for marking requirements for nature of supply;
- l) addition of a new Subclause 7.31.5: Additional requirements for luminaires using controllable controlgear providing SELV output(s);
- m) revision of 6.4.16: Information to be provided for luminaire having protective earth current > 10 mA;

- n) revision of 6.3.23; 6.4.18; 6.4.24; 7.30 and 10.2.1 for serviceable, non-user serviceable and non-serviceable components;
- o) revision of Annex D: Draught-proof enclosure;
- p) revision of 8.2.1 and 13.2.1: Inconsistencies in the inclusion of the limits of voltage ranges;
- q) revision of 9.2.10 for looping-in;
- r) Revision of Clause 2 and 7.8: update of the reference to IEC 61058-1-1, IEC 61058-1-2 and IEC 61058-2.1. Update of temperature limits in Table 21 (14.4.3) for luminaires incorporating switches according to IEC 60669-1 or IEC 60669-2-1;
- s) revision of 6.3.22 and 7.24 for photobiological safety;
- t) addition of a new Subclause 6.3.27 for marking of mains socket outlet moved from information requirements.

Projektleder: Maria Gabriella Banck

DS/EN IEC 60598-1:2024/A11:2024

DKK 470,00

Identisk med EN IEC 60598-1:2024/A11:2024

Belysningsarmaturer – Del 1: Generelle krav og prøver

No scope available

Projektleder: Maria Gabriella Banck

29.140.99

Andre standarder vedrørende lamper

Other standards related to lamps

Nye Standarder

DS/EN IEC 61347-2-10:2024

DKK 525,00

Identisk med IEC 61347-2-10:2024 ED2 og EN IEC 61347-2-10:2024

Forkoblingsudstyr til elektriske lyskilder – Sikkerhed – Del 2-10: Særlige krav til elektronisk forkoblingsudstyr til højfrekvensdrift i koldkatodelamper (neonrør)

IEC 61347-2-10:2024 is available as IEC 61347-2-10:2024 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61347-2-10:2024 specifies safety requirements for electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps used in signs and luminous discharge tube installations and operating with an output voltage exceeding 1 000 V but not exceeding 10 000 V for direct connection to DC or AC supply voltages not exceeding 1 000 V (at 50 Hz or 60 Hz in case of alternating current). This second edition cancels and replaces the first edition published in 2000 and Amendment 1:2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- introduction of dated references as appropriate;
- clarification of sample item numbers.

Projektleder: Maria Gabriella Banck

DS/EN IEC 61347-2-12:2024

DKK 470,00

Identisk med IEC 61347-2-12:2024 ED2 og EN IEC 61347-2-12:2024

Forkoblingsudstyr til elektriske lyskilder – sikkerhed – Del 2-12: Særlige krav til Særlige krav til a.c.- eller d.c.-forsynede forkoblingsenheder til udladningslamper (undtagen lysstoflamper)

IEC 61347-2-12:2024 is available as IEC 61347-2-12:2024 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61347-2-12:2024 specifies safety requirements for electronic controlgear for use on AC supplies at 50 Hz or 60 Hz up to 1 000 V or DC supplies up to 1 000 V. The type of controlgear is a converter that can contain igniting and stabilizing elements for operation of a discharge lamp under direct current or at a frequency that can deviate from the supply frequency.

This second edition cancels and replaces the first edition published in 2005 and Amendment 1:2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- introduction of dated references where appropriate;
- clarification of sample item numbers;
- addition of new information requirements (items v), w) and x) of IEC 61347-1:2015, 7.1 and IEC 61347-1:2015/AMD1:2017, 7.1).

Projektleder: Maria Gabriella Banck

DS/EN IEC 61347-2-8:2024

DKK 525,00

Identisk med IEC 61347-2-8:2024 ED2 og EN IEC 61347-2-8:2024

Forkoblingsudstyr til elektriske lyskilder – sikkerhed – Del 2-8: Særlige krav til forkoblingsenheder til lysstoflamper

IEC 61347-2-8:2024 is available as IEC 61347-2-8:2024 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61347-2-8:2024 specifies safety requirements for ballasts, excluding resistance types, for use on AC supplies up to 1 000 V at 50 Hz or 60 Hz, associated with fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting device and having rated powers, dimensions and characteristics as specified in IEC 60081 and IEC 60901.

This second edition cancels and replaces the first edition published in 2000 and Amendment 1:2006. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- introduction of dated references where appropriate;
- alignment of clause numbers with those of IEC 61347-1.

Projektleder: Maria Gabriella Banck

29.160.20

Generatorer

Generators

Nye Standarder

DS/ISO/TS 21343:2025

DKK 525,00

Identisk med ISO/TS 21343:2025

Olie- og gasindustri inklusive kulstof-fattige energiformer – Ammoniakbrændstof – Krav til og vejledning om dampkedler til energiforsyning

This document specifies requirements and guidance for manufacturers of ammonia-fired boilers regarding functional tests performed at the time of design and on-site acceptance tests, in order to meet the required environmental performance.

This document stipulates the test methods, the measurement items, the evaluation methods and the test reports for each test.

This document is applicable to:

- land boilers used for power generation with an electrical output of 100 MWe or more;
- equipment that uses NH₃ of any mixing ratio as fuel;
- boilers with burners for combustion of fuel.

This document does not apply to heat recovery steam generators for gas turbines, fluidized bed boiler, stokers, black liquor recovery boiler and process heat transfer equipment (used in petroleum refining).

Projektleder: Per Velk

29.160.40

Generatoraggregater

Generating sets

Nye Standarder

DS/IEC TS 63346-1-1:2024

DKK 355,00

Identisk med IEC TS 63346-1-1:2024 ED1

Hjælpeforsyningssystemer til lavspændingsmateriel – Del 1-1: Terminologi

IEC TS 63346-1-1:2024 contains the terms used by low-voltage auxiliary power systems in power stations, substations, converter substations and associated telecommunications equipment. Terms relating to low-voltage auxiliary power systems in nuclear power stations and railways substations are beyond the scope of this document.

29.240.01**Kraftoverførings- og kraftfordelingsnet. Generelt**

Power transmission and distribution networks in general

Nye Standarder**DS/EN IEC 61557-1:2021/A1:2024**

DKK 320,00

Identisk med IEC 61557-1:2019/AMD1:2024 ED3

og EN IEC 61557-1:2021/A1:2024

Elektrisk sikkerhed i lavspændingsdistributionsystemer op til 1000 V vekselstrøm og 1500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 1: Generelle krav

This part of IEC 61557 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC.

When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable.

NOTE – The term "measuring equipment" will hereafter be used to designate "testing, measuring and monitoring equipment".

Other parts of IEC 61557 can specify additional requirements or deviations.

This document does not cover functional safety or cybersecurity.

Projektleder: Pernille Rasmussen

DS/EN IEC 61557-10:2024

DKK 355,00

Identisk med IEC 61557-10:2024 ED3

og EN IEC 61557-10:2024

Elektrisk sikkerhed i lavspændingsdistributionsystemer op til 1 000 V vekselstrøm og 1 500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 10: Kombineret måleudstyr

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus.

Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this document.

Projektleder: Pernille Rasmussen

29.240.20**Kraftoverførings- og kraftfordelingslinjer**

Power transmission and distribution lines

Nye Standarder**DS/EN 50341-2-24:2024**

DKK 880,00

Identisk med EN 50341-2-24:2024

Elektriske luftledninger, der overstiger AC 1 kV – Del 2-24: Nationale Normative Aspekter (NNA) for Rumænien (baseret på EN 50341-1:2012)

General

1.1 RO.1 General

(ncpt) This standard EN 50341-2-24 (Part 2-24) gives the requirements for design and construction of overhead electrical lines with nominal voltages exceeding A.C. 1 kV operating at 50 Hz frequency.

This Part 2-24 applies to new overhead electrical lines, as well as in the following cases:

- the extension of existing overhead electrical lines;
- the deviation of some portions of the existing overhead electrical lines in accordance with the provisions of technical regulations in force issued by the National Energy Regulatory Authority (see article 39 of ANRE Order 25/2016);
- new supports to be used for the replacement and/or relocation of existing supports.

This Part 2-24 is not applicable for the existing overhead electrical lines unless specifically required by Project Specification. The overhead electrical lines, that are in different stages of design or construction, can be completed in conformity with the standards in force at the beginning of project.

For the application of this standard for specific requirements relating to modernization, increasing safety and transport capacity of existing overhead electrical lines, reference shall be specified in the Project Specification. At the same time, the correlation between relevant regulations and associated standards shall be established in the Project Specifications.

The extension of existing electrical lines is considered as new overhead electrical lines, except the junction points that shall be detailed in the Project Specifications.

1.2 Field of application

1.2 RO.1 Overhead electrical lines having uninsulated, pre-insulated and insulated conductors

(ncpt) This Part 2-24 is applicable for the design and construction of overhead electrical lines with uninsulated, pre-insulated and insulated conductors where the internal and external clearances can be smaller than those specified in Part 1 (SR EN 50341-1:2013).

Projektleder: Maria Gabriella Banck

DS/IEC TS 62818-1:2024

DKK 665,00

Identisk med IEC TS 62818-1:2024 ED1

Ledere til luftledninger – Fiberforstærkede kompositkerner anvendt som bæremateriale – Del 1: Polymermatrix-kompositkerner

IEC TS 62818-1:2024 establishes a system of fiber reinforced composite core used as supporting member material in conductors for overhead lines which may be used as the basis for specifications. This document is applicable to fiber reinforced composite core, with polymeric matrix, used as supporting member material in conductors for overhead lines.

This document gives guidance on:

- defining the common terms used for fiber reinforced composite core with polymeric matrix,
- prescribing common methods and recommendations to characterize the properties of fiber reinforced composite core based on single or multi-wires with PMC (Polymeric Matrix Composite) used as supporting member material in conductors,
- prescribing or recommending acceptance or failure criteria when applicable.

These tests, criteria and recommendations are intended to ensure a satisfactory use and quality under normal operating and environmental conditions.

This document does not apply to compliance criteria which may be required but indicative values could be given in Annexes for guidance.

Projektleder: Maria Gabriella Banck

29.240.99**Andet udstyr vedrørende kraftoverførings- og kraftfordelingsnet**

Other equipment related to power transmission and distribution networks

Nye Standarder**DS/EN 61850-6:2010/A2:2025**

DKK 955,00

Identisk med IEC 61850-6:2009/AMD2:2024 ED2

og EN 61850-6:2010/A2:2025

Kommunikationsnetværk og -systemer til elforsyningsautomation – Del 6: Sprog til beskrivelse af konfiguration til kommunikation i elektriske understationer med intelligent elektronisk udstyr (IED)

IEC 61850-6:2009(E) specifies a file format for describing communication-related IED (Intelligent Electronic Device) configurations and IED parameters, communication system configurations, switch yard (function) structures, and the relations between them. The main purpose of this format is to exchange IED capability descriptions, and SA system descriptions between IED engineering tools and the system engineering tool(s) of different manufacturers in a compatible way. The main changes with respect to the previous edition are as follows: – functional extensions added based on changes in other Parts of IEC 61850, especially in IEC 61850-7-2 and IEC 61850-7-3; – functional extensions concerning the engineering process, especially for configuration data exchange

between system configuration tools, added; – clarifications and corrections.

Projektleder: Henning Nielsen

DS/IEC TR 62263:2024

DKK 575,00

Identisk med IEC TR 62263:2024 ED2

Arbejde under spænding – Retningslinjer for installation og vedligehold af fiberoptiske kabler på luftledninger

IEC TR 62263:2024 covers procedures for the installation and maintenance of optical fibre cables on single and multi-circuit overhead power lines, including:

- optical ground wire (OPGW) fibre cable;
- optical phase conductor fibre cable (OPPC);
- optical attached fibre cable (OPAC);
- all dielectric self supporting (ADSS) optical fibre cable.

Relevant electrical hazards are also discussed.

Projektleder: Søren Lütken Storm

29.260.99

Andet elektrisk udstyr til arbejde under særlige forhold

Other electrical equipment for working in special conditions

Nye Standarder

DS/IEC TR 62263:2024

DKK 575,00

Identisk med IEC TR 62263:2024 ED2

Arbejde under spænding – Retningslinjer for installation og vedligehold af fiberoptiske kabler på luftledninger

IEC TR 62263:2024 covers procedures for the installation and maintenance of optical fibre cables on single and multi-circuit overhead power lines, including:

- optical ground wire (OPGW) fibre cable;
- optical phase conductor fibre cable (OPPC);
- optical attached fibre cable (OPAC);
- all dielectric self supporting (ADSS) optical fibre cable.

Relevant electrical hazards are also discussed.

Projektleder: Søren Lütken Storm

31.020

Elektroniske komponenter. Generelt

Electronic components in general

Nye Standarder

DS/EN IEC 62309:2025

DKK 665,00

Identisk med IEC 62309:2024 ED2

og EN IEC 62309:2025

Pålidelighed af levetidsforlængede produkter og nye produkter, der indeholder genbrugte dele

IEC 62309:2024 introduces the concept to check the reliability and functionality of reused parts and their usage within new products. It also provides information and criteria about the assurance [for example, testing and analysis, required for products containing reused parts, which are declared

red "qualified-as-good-as-new" (QAGAN)] relative to the designed life of the product.

This document specifies requirements to be satisfied before making a declaration or applying a designation of QAGAN. This document also gives guidance to support any organisation that makes declarations about dependability of products containing reused parts.

In this document, the term "product" covers electrical, electro-mechanical, mechanical parts or hardware that can contain software.

"Qualified-as-good-as-new" (QAGAN) does not apply to reused materials or large structures and large systems, nor does it cover software products, concepts, and ideas.

The purpose of this document is to ensure by tests and analysis that the reliability and functionality of a new product containing reused parts is comparable to a product that contains only new parts. This would justify the manufacturer granting the next customer the full warranty of the product with "qualified-as-good-as-new" (QAGAN) parts.

Annex A describes extending useful life by refurbishment, updating, upgrading, maintenance and used as second-hand. These concepts are defined and the requirements for using the term with reference to this document are stated.

This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the previous Annex A has been separated into Annex B (Dependability aspects) and Annex C (Example with QAGAN parts);
- b) a new normative Annex A has been written with expansion of lifecycle activities, to describe extending the useful life by refurbishment, life extension, updating, upgrading and second-hand use;
- c) revision of Figure 1 accordingly;
- d) minor editorial alignments throughout the document;
- e) the abbreviation "quagan" has been changed "QAGAN" to reflect more contemporary use.

Projektleder: Maria Gabriella Banck

31.060.10

Faste kondensatorer

Fixed capacitors

Offentliggjorte forslag

DSF/prEN IEC 60384-14-1:2024

Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60384-14-1 ED4

og prEN IEC 60384-14-1:2024

Faste kondensatorer til brug i elektronisk udstyr – Del 14-1: Fortryk til detailspecifikation – Faste kondensatorer til dæmpning af elektromagnetisk støj og tilslutning til netforsyning – Vurderingsniveau DZ

This blank detail specification forms the basis for a uniform procedure for a common international safety mark. It implements the approval schedule for safety

tests in IEC 60384-14, requires a declaration of design for parameters relevant to safety and indicates conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes to the declared design. This specification offers the assessment level DZ (zero defects).

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications, nor should they so be described.

In the preparation of detail specifications, see IEC 603984-14:2023, Clause 7.

Projektleder: Pernille Rasmussen

DSF/prEN IEC 60384-14-2:2024

Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60384-14-2 ED3

og prEN IEC 60384-14-2:2024

Faste kondensatorer til brug i elektronisk udstyr – Del 14-2: Fortryk til detailspecifikation – Faste kondensatorer til dæmpning af elektromagnetisk støj og tilslutning til netforsyning – Kun sikkerhedsprøvnings

This blank detail specification forms the basis for a uniform procedure for a common international safety mark. It implements the approval schedule for safety tests in IEC 60384-14, requires a declaration of design for parameters relevant to safety and indicates conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes to the declared design.

In comparison with IEC 60384-14-1, which provides quality conformance and safety tests, this specification is restricted to safety tests only.

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications, nor should they so be described.

In the preparation of detail specifications, see IEC 60384-14:2023, Clause 7.

Projektleder: Pernille Rasmussen

31.080.01

Halvlederenheder. Generelt

Semiconductor devices in general

Offentliggjorte forslag

DSF/prEN IEC 60749-22-1:2024

Deadline: 2025-03-01

Relation: CLC

Identisk med IEC 60749-22-1 ED1

og prEN IEC 60749-22-1:2024

Halvledere – Mekaniske og klimatiske prøvningsmetoder – Del 22-1: Vedhæftningsstyrke – Metoder til trækprøvning af tråds vedhæftning

This test method provides a means for determining the strength and failure mode

of a wire bonded to, and the corresponding interconnects on, a die or package bonding surface and may be performed on unencapsulated or decapsulated devices. This test method may be performed on gold alloy, copper alloy, and silver alloy thermosonic (ball and stitch) bonds made of wire ranging in diameter from

15 µm to 76 µm (0,000 6" to 0,003"); and on gold alloy, copper alloy, and aluminium alloy ultrasonic (wedge) bonds made of wire ranging in diameter from 18 µm to 600 µm (0,000 7" to 0,024")

This wire bond pull test method is destructive. It is appropriate for use in process development, process control, and/or quality assurance.

This test method allows for two distinct methods of pulling wires:

1) One method incorporates the use of a hook that is placed under the wire and is then pulled.

2) One method requires that after the wire be cut, a clamp is placed on the wire connected to the bond to be tested, and this clamp is used to pull the wire.

This test method defines three pull tests. The Wire Pull Test (WPT) is appropriate for all bonded wires. The Ball Pull Test (BPT) and Stitch Pull Test (SPT) are appropriate for thermosonically bonded wires.

This test method can also be used on the following four applications of thermosonic and ultrasonic bonds, though each requires special considerations when performing the test method:

Projektleder: Pernille Rasmussen

DSF/prEN IEC 60749-22-2:2024

Deadline: 2025-03-01

Relation: CLC

Identisk med IEC 60749-22-2 ED1

og prEN IEC 60749-22-2:2024

Halvledere – Mekaniske og klimatiske prøvningsmetoder – Del 22-2: Vedhæftningsstyrke – Metoder til prøvning af tråds forskydningsstyrke

This test method establishes a means for determining the strength of a ball bond to a die or package bonding surface and may be performed on pre-encapsulation or post-encapsulation devices.

This measure of bond strength is extremely important in determining two features: the integrity of the metallurgical bond which has been formed, and the quality of ball bonds to die or package bonding surfaces.

This test method covers thermosonic (ball) bonds made with small diameter wire from 15 µm to 76 µm (0,000 6" to 0,003").

This test method can only be used when the bonds are large enough to allow for proper contact with the shear test chisel and when there are no adjacent interfering structures that would hinder the movement of the chisel. For consistent shear results the ball height must be at least 4,0 µm (0,000 6") for ball bonds, which is the current state of the art for bond shear test equipment at the time of this revision.

Projektleder: Pernille Rasmussen

31.120

Elektroniske lyspanelanordninger

Electronic display devices

Nye Standarder

DS/IEC TR 63340-1:2025

DKK 470,00

Identisk med IEC TR 63340-1:2025 ED1

Elektroniske display til særlige anvendelser – Del 1: Generel introduktion

IEC TR 63340-1:2025, which is a Technical Report, provides related information for future standardizations of various display applications. This document includes overview of display applications, and the possible strategies to standardize these application fields.

Projektleder: Marika Vindbjerg

31.140

Piezoelektriske og dielektriske anordninger

Piezoelectric and dielectric devices

Offentliggjorte forslag

DSF/prEN IEC 60679-2:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 60679-2 ED2

og prEN IEC 60679-2:2025

Kvalitetsvurderede piezoelektriske, dielektriske og elektrostatiske oscillatorer – Del 2: Retningslinjer for brug af oscillatorer

This part of IEC 60679 describes the general properties, performance characteristics and usage precautions for quartz crystal oscillators. This content mainly describes crystal oscillators, but some descriptions also apply to oscillators other than crystal units (e.g. MEMS resonators).

Projektleder: Pernille Rasmussen

31.220.10

Stik og stikanordninger. Konnektorer

Plug-and-socket devices. Connectors

Nye Standarder

DS/EN IEC 61076-2-101:2025

DKK 880,00

Identisk med IEC 61076-2-101:2024 ED4

og EN IEC 61076-2-101:2025

Konnektorer til elektronisk udstyr – Produktkrav – Del 2-101: Runde konnektorer – Detailspecifikation for M12-konnektorer med skruelås

IEC 61076-2-101:2024 describes M12 screw-locking circular connectors with 2-way up to 17-way, for data transmission with frequencies up to 100 MHz and signal and power transmission at up to 250 V rated voltage and up to 4 A rated current per contact.

These connectors consist of fixed and free connectors, either rewirable or non-rewirable.

Male connectors have round contacts, Ø 0,6 mm, Ø 0,76 mm, Ø 0,8 mm or Ø 1,0

mm according to number of ways and coding, all contacts with the same size.

The different codings prevent the mating of differently coded male and female connectors.

This fourth edition cancels and replaces the third edition published in 2012. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Technical specifications regarding dimensional information (Clause 5) and characteristics (Clause 6) have been updated, and new subclauses have been added.

b) New style NF (free connectors) has been added.

c) Fixed connectors with glass to metal seals (former styles WM, XM, YM, ZM and WF, XF, TF and ZF) are no longer covered by this document: relevant definitions and requirements have been removed.

d) The P-coding has been eliminated.

e) Annex B (informative) Steel conduit thread, sizes has been deleted and a new Annex B (informative) Orientation of cable outlet in relation to coding has been added.

f) The dimension specification of former styles AM and BM have been moved into a new Annex C (normative).

Projektleder: Maria Gabriella Banck

31.260

Optoelektronik. Laserudstyr

Optoelectronics. Laser equipment

Offentliggjorte forslag

DSF/ISO/DIS 11553-2

Deadline: 2025-03-15

Relation: ISO

Identisk med ISO/DIS 11553-2

Maskinsikkerhed – Lasermaskiner – Del 2: Sikkerhedskrav til håndholdte eller håndbetjente lasermaskiner

This document specifies the requirements for hand-held or hand-operated laser processing machines (HLM)

and their components as well as assemblies. HLM is the machine in which laser radiation is generated, where the laser provides sufficient energy/power to cause a phase transition in a part of the workpiece and where the laser output or workpiece to be processed is guided manually or hand-held during the laser process.

HLM includes the laser device, beam-guiding device (e.g. mirror, fibre, lenses), beam-shaping device (e.g. telescope, focusing), and controls. The laser assembly as an integral part of the HLM or only the laser processing head is hand-held or hand-operated during the laser process.

This document does not apply:

– to laser processing machines which are remotely controlled by a manual controller (hand-operated controller), such as joy sticks, keyboard, etc., without touching a workpiece or a part mechanically connected with the laser processing head by using the hand(s) of the operator (user).

– to laser processing machines without a drive system which may not belong to machinery. And the laser processing apparatus without moving parts, which may

not be considered as machinery in "Type C standard".

Projektleder: Nina Kjar

DSF/prEN ISO 11553-2

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 11553-2

og prEN ISO 11553-2

Maskinsikkerhed – Lasermaskiner – Del 2: Sikkerhedskrav til håndholdte eller håndbetjente lasermaskiner

This document specifies the requirements for hand-held or hand-operated laser processing machines (HLM)

and their components as well as assemblies. HLM is the machine in which laser radiation is generated, where the laser provides sufficient energy/power to cause a phase transition in a part of the workpiece and where the laser output or workpiece to be processed is guided manually or hand-held during the laser process.

HLM includes the laser device, beam-guiding device (e.g., mirror, fibre, lenses), beam-shaping device (e.g., telescope, focusing), and controls. The laser assembly as an integral part of the HLM or only the laser processing head is hand-held or hand-operated during the laser process.

This document does not apply:

– to laser processing machines which are remotely controlled by a manual controller (hand-operated controller), such as joy sticks, keyboard, etc., without touching a workpiece or a part mechanically connected with the laser processing head by using the hand(s) of the operator (user).

– to laser processing machines without a drive system which may not belong to machinery. And the laser processing apparatus without moving parts, which may not be considered as machinery in "Type C standard".

NOTE – "hand-operated laser processing machine" is synonymous with "hand-guided laser processing machine"

in this document. Hand-operated laser processing machines often use manual force reduction means such as wheels, supports, etc., for manual positioning of the laser processing heads or the workpieces.

It is applicable to HLMs using laser radiation to process materials.

Projektleder: Pernille Rasmussen

33.060.30

Radiokæde- og faste satellitkommunikationssystemer

Radio relay and fixed satellite communications systems

Nye Standarder

DS/ETSI EN 300 487 V2.2.1:2024

DKK 155,00

Identisk med ETSI EN 300 487 V2.2.1

(2024-12)

Satellitjordstationer og -systemer (SES) – Jordstationer kun til modtagelse (ROMES) til kommunikation af data i 1,5 GHz-frekvensbåndet – Harmoniseret Standard til Radiospekteraccess

The present document specifies technical characteristics and methods of measurement for Receive-Only Mobile Earth Stations (ROMES) radio equipment operating under the Land Mobile Satellite Service

(ROMES) radio equipment operating under the Land Mobile Satellite Service (LMSS), in the frequency band 1 518 MHz to 1 559 MHz (space-to-earth band).

The ROMESs operate as part of a satellite system providing one-way data communications.

ROMESs could have several configurations, including:

- either Portable Equipment (PE) or Vehicle Installed Equipment (VIE);

- a number of modules including a display/control interface to the user.

NOTE: The relationship between the present document and essential requirements of article 3.2 of

Directive 2014/53/EU [i.2] is given in annex A.

Projektleder: Marika Vindbjerg

DS/ETSI EN 303 978 V2.2.1:2025

DKK 155,00

Identisk med ETSI EN 303 978 V2.2.1

(2024-12)

Satellitjordstationer og -systemer (SES) – Jordstationer på mobile platforme (ESOMP) til kommunikation med satellitter i geostationære kredsløb og opererende i frekvensbåndene 27,5 GHz til 30,0 GHz, og 17,3 GHz to 20,2 GHz – Harmoniseret Standard til Radiospekteraccess

The present document specifies technical characteristics and methods of measurements for Earth Stations on Mobile Platforms (ESOMP) equipment with the following characteristics:

- The ESOMP is designed for both mobile and stationary operation.

- The ESOMP operates on various mobile platforms such as trains, maritime vessels, aircraft and other vehicles.

- The ESOMP is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESOMPs with a central hub) or it could be performed within the ESOMP for autonomous control. The NCF is outside the scope of the present document

Projektleder: Marika Vindbjerg

33.070.40

Satellit

Satellite

Nye Standarder

DS/ETSI EN 300 487 V2.2.1:2024

DKK 155,00

Identisk med ETSI EN 300 487 V2.2.1

(2024-12)

Satellitjordstationer og -systemer (SES) – Jordstationer kun til modtagelse (ROMES) til kommunikation af data i 1,5 GHz-frekvensbåndet – Harmoniseret Standard til Radiospekteraccess

The present document specifies technical characteristics and methods of measurement for Receive-Only Mobile Earth Stations (ROMES) radio equipment operating under the Land Mobile Satellite Service

(LMSS), in the frequency band 1 518 MHz to 1 559 MHz (space-to-earth band).

The ROMESs operate as part of a satellite system providing one-way data communications.

ROMESs could have several configurations, including:

- either Portable Equipment (PE) or Vehicle Installed Equipment (VIE);

- a number of modules including a display/control interface to the user.

NOTE: The relationship between the present document and essential requirements of article 3.2 of

Directive 2014/53/EU [i.2] is given in annex A.

Projektleder: Marika Vindbjerg

DS/ETSI EN 303 978 V2.2.1:2025

DKK 155,00

Identisk med ETSI EN 303 978 V2.2.1

(2024-12)

Satellitjordstationer og -systemer (SES) – Jordstationer på mobile platforme (ESOMP) til kommunikation med satellitter i geostationære kredsløb og opererende i frekvensbåndene 27,5 GHz til 30,0 GHz, og 17,3 GHz to 20,2 GHz – Harmoniseret Standard til Radiospekteraccess

The present document specifies technical characteristics and methods of measurements for Earth Stations on Mobile Platforms (ESOMP) equipment with the following characteristics:

- The ESOMP is designed for both mobile and stationary operation.

- The ESOMP operates on various mobile platforms such as trains, maritime vessels, aircraft and other vehicles.

- The ESOMP is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESOMPs with a central hub) or it could be performed within the ESOMP for autonomous control. The NCF is outside the scope of the present document

Projektleder: Marika Vindbjerg

33.100.01

Elektromagnetisk kompatibilitet. Generelt

Electromagnetic compatibility in general

Offentliggjorte forslag

DSF/IEC TS 61000-1-6 ED1

Deadline: 2025-03-01

Relation: IEC

Identisk med IEC TS 61000-1-6 ED1

Elektromagnetisk kompatibilitet (EMC) – Del 1-6: Generelt – Vejledning i evaluering af måleusikkerhed ved EMC-prøving

N/A

Projektleder: Marika Vindbjerg

33.100.10**Emission**

Emission

Offentliggjorte forslag**DSF/EN 55032:2015/prAB:2025****Deadline: 2025-03-12**

Relation: CLC

Identisk med EN 55032:2015/prAB:2025

Elektromagnetisk kompatibilitet for multimedieudstyr – Krav til emission

Amendment of items as required to ensure listing in OJEU

Projektleder: Marika Vindbjerg

33.100.20**Immunitet**

Immunity

Offentliggjorte forslag**DSF/EN IEC 61000-4-34:2007/prA2:2025****Deadline: 2025-03-24**

Relation: CLC

Identisk med IEC 61000-4-34/AMD2 ED1 og EN IEC 61000-4-34:2007/prA2:2025 **Elektromagnetisk kompatibilitet (EMC) – Del 4-34: Prøvnings- og måleteknikker – Immunitetsprøvning med spændingsdyk, korte spændingsudfald og spændingsvariationer for udstyr med strømforbrug over 16 A per fase**

This part of EN 61000 defines the immunity test methods and range of preferred test levels for electrical and electronic equipment connected to low-voltage power supply networks for voltage dips, short interruptions, and voltage variations. This standard applies to electrical and electronic equipment having a rated input current exceeding 16 A per phase. It covers equipment installed in residential areas as well as industrial machinery, specifically voltage dips and short interruptions for equipment connected to either 50 Hz or 60 Hz a.c. networks, including 1-phase and 3-phase mains. The object of this standard is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to voltage dips, short interruptions and voltage variations. The test method documented in this part of EN 61000 describes a consistent method to assess the immunity of equipment or a system against a defined phenomenon. It has the status of a Basic EMC Publication in accordance with IEC Guide 107.

Projektleder: Marika Vindbjerg

DSF/prEN IEC 61000-4-29:2025**Deadline: 2025-03-10**

Relation: CLC

Identisk med IEC 61000-4-29 ED2

og prEN IEC 61000-4-29:2025

Elektromagnetisk kompatibilitet (EMC) – Del 4-29: Prøvnings- og måleteknikker – Immunitetsprøvning relateret til dyk, kortvarige bortfald og variationer i D.C.-spænding i D.C.-nettilslutninger

This part of IEC 61000 defines test methods for immunity to voltage dips, short interruptions and voltage variations at the

d.c. input power port of electrical or electronic equipment.

This standard is applicable to low voltage d.c. power ports of equipment supplied by external d.c. networks.

The object of this standard is to establish a common and reproducible basis for testing electrical and electronic equipment when subjected to voltage dips, short interruptions or voltage variations on d.c. input power ports.

This standard defines:

- the range of test levels;
- the test generator;
- the test set-up;
- the test procedure.

The test described hereinafter applies to electrical and electronic equipment and systems. It also applies to modules or sub-systems whenever the EUT (equipment under test) rated power is greater than the test generator capacity specified in clause 6.

The ripple at the d.c. input power port is not included in the scope of this part of IEC 61000. It is covered by IEC 61000-4-17 1)

Projektleder: Marika Vindbjerg

33.120.01**Komponenter og tilbehør. Generelt**

Components and accessories in general

Offentliggjorte forslag**DSF/prEN IEC 60966-2-8:2025****Deadline: 2025-03-10**

Relation: CLC

Identisk med IEC 60966-2-8 ED2

og prEN IEC 60966-2-8:2025

RF- og koaksialkabelsamlinger – Del 2-8: Detailspecifikation for kabelsamlinger til radio- og TV-modtagere – Frekvensområde op til 3000 MHz, skærmningsklasse A++, IEC 61169-47-konnetorer

This part of IEC 60966 is a detail specification that applies to cable assemblies with F-Quick connectors (see IEC 61169-47) and requires quad-shield screening class A++ (see IEC

61169-6-5). This detail specification applies to the cable assemblies for radio and TV receivers.

Projektleder: Maria Gabriella Banck

33.120.10**Koaksialkabler. Bølgeledere**

Coaxial cables. Waveguides

Offentliggjorte forslag**DSF/IEC 61196-1-102 ED2****Deadline: 2025-03-19**

Relation: IEC

Identisk med IEC 61196-1-102 ED2

Koaksiale kommunikationskabler – Del 1-102: Elektriske prøvningsmetoder – Prøvning af kablers dielektrikum med hensyn til isolationsmodstand

N/A

Projektleder: Maria Gabriella Banck

DSF/prEN IEC 60153-2:2024**Deadline: 2025-03-10**

Relation: CLC

Identisk med IEC 60153-2 ED4

og prEN IEC 60153-2:2024

Hule metalliske bølgeledere – Del 2: Relevante specifikationer for almindelige rektangulære bølgeledere

This part of the IEC 60153 series of standards specifies straight hollow metallic tubing 1 of ordinary rectangular cross-section for use as waveguides in radio frequency electrical applications. The principal cross-section for such tubing is shown in Figure 1 together with its defining geometrical dimensions: a (inside width), b (inside height), r (inside corner radius), t (wall thickness), a1 (outside width), b1 (outside height), and r1 (outside corner radius).

Projektleder: Maria Gabriella Banck

33.160.01**Lydsystemer, videosystemer og audiovisuelle systemer. Generelt**

Audio, video and audiovisual systems in general

Nye Standarder**DS/IEC TR 63558:2025**

DKK 355,00

Identisk med IEC TR 63558:2025 ED1

Automatisk talegenkendelse: Klassifikation ud fra akustiske og lingvistiske faktorer i realistiske brugsscenerier

IEC TR 63558:2025 describes the factors related to classification of the real-life environment according to acoustic indicators and linguistic indicators. The set of factors can be used to describe complexities of use scenarios, from level 1 to 4, and can be helpful when setting up the testing environment.

This document applies for evaluating automatic speech recognition technology which is widely used for smart equipment, such as smart speakers

Projektleder: Lise Schmidt Aagesen

33.160.60**Multimediesystemer og telekonferenceudstyr**

Multimedia systems and teleconferencing equipment

Offentliggjorte forslag**DSF/prEN IEC 63478-2:2025****Deadline: 2025-03-24**

Relation: CLC

Identisk med IEC 63478-2 ED1

og prEN IEC 63478-2:2025

Brugeres oplevelseskvalitet (QoE) ved multimediebaserede konferencetjenester – Del 2: Krav

This part of IEC 63478-2 describes the requirements to measure user's Quality of Experience (QoE) on multimedia conferencing services.

Projektleder: Pernille Rasmussen

33.180.01

Fiberoptiske systemer. Generelt.

Fibre optic systems in general

Nye Standarder

DS/EN 62148-2:2011/A1:2025

DKK 270,00

Identisk med IEC 62148-2:2010/
AMD1:2024 ED2

og EN 62148-2:2011/A1:2025

Aktive komponenter og aktivt udstyr til lysledere – Standarder for indkapslinger og grænseflader – Del 2: Transceivere med lille formfaktor (SFF), 10-pin

This part of IEC 62148 covers the physical interface specifications for the SFF MT-RJ/LC/MU duplex 10-pin fibre optic transceiver module family.

The intend of this standard is to adequately specify the physical requirements of an optical transceiver that will enable mechanical interchangeability of transceivers complying with this standard both at the printed circuit wiring board and for any panel-mounting requirement.

Projektleder: Maria Gabriella Banck

33.180.10

Fibre og kabler

Fibres and cables

Offentliggjorte forslag

DSF/prEN IEC 60794-1-102:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 60794-1-102 ED1

og prEN IEC 60794-1-102:2025

Fiberoptiske kabler – Del 1-102: Generisk specifikation – Grundlæggende prøvningsprocedurer for optiske kabler – Mekaniske prøvningsmetoder – Slid, metode e2

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements for optical fibre cables for the mechanical property – abrasion.

This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

Method E2A evaluates the ability of the sheath to resist abrasion; Method E2B evaluates the ability of cable markings (include text or graphic markers, and continuous colored lines on cable) to resist abrasion.

Projektleder: Maria Gabriella Banck

DSF/prEN IEC 60794-1-129:2024

Deadline: 2025-03-05

Relation: CLC

Identisk med IEC 60794-1-129 ED1

og prEN IEC 60794-1-129:2024

Fiberoptiske kabler – Del 1-129: Generisk specifikation – Grundlæggende prøvningsprocedurer for optiske kabler – Mekaniske prøvningsmetoder – Adgang til optiske elementer ved hjælp af langsgående kabelsnit (straight midspan access), metode e29

This part of IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

The document defines test procedures used in establishing uniform requirements for mechanical performance-straight midspan access to optical elements.

Throughout this document, the wording "optical cable" also includes optical fibre units, microduct fibre units, etc.

See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions.

Projektleder: Maria Gabriella Banck

33.180.20

Fiberoptiske sammenkoblingskomponenter

Fibre optic interconnecting devices

Offentliggjorte forslag

DSF/prEN IEC 61300-3-30:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 61300-3-30 ED3

og prEN IEC 61300-3-30:2025

Fiberoptik – Sammenkoblingsudstyr og passive komponenter – Grundlæggende prøvnings- og måleprocedurer – Del 3-30: Undersøgelser og målinger – Rektangulære ferrulers endefladegeometri

This part of IEC 61300 describes a method for measuring the endface geometry of rectangular multifibre ferrules having an IEC defined optical interface. The primary attributes are fibre position relative to the endface, endface angle relative to the guide holes, fibre tip radii and core dip for multi-mode fibres.

Projektleder: Maria Gabriella Banck

DSF/prEN IEC 61753-042-02:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 61753-042-02 ED1

og prEN IEC 61753-042-02:2025

Fiberoptik – Sammenkoblingsudstyr og passive komponenter – Ydeevnestandard – Del 042-02: Stikprop-pigtail-type og stikprop-stikdåse-type af OTDR-udstyr i kategori c – Kontrollerede miljøer

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which plug-pigtail style and plug-receptacle style OTDR reflecting devices need to

satisfy in order to be categorized as meeting the requirements of category C-Controlled environments, as defined in Annex A of IEC 61753-1 [1] 1. These devices are utilized for out-of-band OTDR testing of an optical fibre system.

Annex B provides information concerning these devices.

Projektleder: Maria Gabriella Banck

33.180.30

Optiske forstærkere

Optic amplifiers

Nye Standarder

DS/EN 62148-2:2011/A1:2025

DKK 270,00

Identisk med IEC 62148-2:2010/
AMD1:2024 ED2

og EN 62148-2:2011/A1:2025

Aktive komponenter og aktivt udstyr til lysledere – Standarder for indkapslinger og grænseflader – Del 2: Transceivere med lille formfaktor (SFF), 10-pin

This part of IEC 62148 covers the physical interface specifications for the SFF MT-RJ/LC/MU duplex 10-pin fibre optic transceiver module family.

The intend of this standard is to adequately specify the physical requirements of an optical transceiver that will enable mechanical interchangeability of transceivers complying with this standard both at the printed circuit wiring board and for any panel-mounting requirement.

Projektleder: Maria Gabriella Banck

33.180.99

Andet fiberoptisk udstyr

Other fibre optic equipment

Offentliggjorte forslag

DSF/prEN IEC 61757:2025

Deadline: 2025-03-17

Relation: CLC

Identisk med IEC 61757 ED2

og prEN IEC 61757:2025

Fiberoptiske sensorer – Generisk specifikation

This document defines, classifies, and provides a framework of generic tests or measurement methods

for characterizing and specifying fibre optic sensors, including their specific components and subassemblies. The requirements of this document apply to all related fibre optic sensor standards that are part of the IEC 61757 series. Other parts of the IEC 61757 series contain requirements that are specific to sensors that measure particular quantities, and to a particular style or variant of such a fibre optic sensor.

Projektleder: Maria Gabriella Banck

33.200**Telekontrol. Telemåling**

Telecontrol. Telemetry

Nye Standarder**DS/EN 61850-6:2010/A2:2025**

DKK 955,00

Identisk med IEC 61850-6:2009/
AMD2:2024 ED2

og EN 61850-6:2010/A2:2025

Kommunikationsnetværk og -systemer til elforsyningsautomation – Del 6: Sprog til beskrivelse af konfiguration til kommunikation i elektriske understationer med intelligent elektronisk udstyr (IED)

IEC 61850-6:2009(E) specifies a file format for describing communication-related IED (Intelligent Electronic Device) configurations and IED parameters, communication system configurations, switch yard (function) structures, and the relations between them. The main purpose of this format is to exchange IED capability descriptions, and SA system descriptions between IED engineering tools and the system engineering tool(s) of different manufacturers in a compatible way. The main changes with respect to the previous edition are as follows: – functional extensions added based on changes in other Parts of IEC 61850, especially in IEC 61850-7-2 and IEC 61850-7-3; – functional extensions concerning the engineering process, especially for configuration data exchange between system configuration tools, added; – clarifications and corrections.

Projektleder: Henning Nielsen

35.030**IT-sikkerhed**

IT Security

Offentliggjorte forslag**DSF/ISO/DIS 27799****Deadline: 2025-03-19**

Relation: ISO

Identisk med ISO/DIS 27799

Sundhedsinformatik – Informationssikkerhedsledelse i sundhedssektoren ved anvendelse af ISO/IEC 27002

ISO 27799:2016 gives guidelines for organizational information security standards and information security management practices including the selection, implementation and management of controls taking into consideration the organization's information security risk environment(s).

It defines guidelines to support the interpretation and implementation in health informatics of ISO/IEC 27002 and is a companion to that International Standard. ISO 27799:2016 provides implementation guidance for the controls described in ISO/IEC 27002 and supplements them where necessary, so that they can be effectively used for managing health information security. By implementing ISO 27799:2016, healthcare organizations and other custodians of health information will be able to ensure a minimum requisite level of security that is appropriate to their organization's circumstances and that will maintain the confidentiality, integrity and

availability of personal health information in their care.

It applies to health information in all its aspects, whatever form the information takes (words and numbers, sound recordings, drawings, video, and medical images), whatever means are used to store it (printing or writing on paper or storage electronically), and whatever means are used to transmit it (by hand, through fax, over computer networks, or by post), as the information is always be appropriately protected.

ISO 27799:2016 and ISO/IEC 27002 taken together define what is required in terms of information security in healthcare, they do not define how these requirements are to be met. That is to say, to the fullest extent possible, ISO 27799:2016 is technology-neutral. Neutrality with respect to implementing technologies is an important feature. Security technology is still undergoing rapid development and the pace of that change is now measured in months rather than years. By contrast, while subject to periodic review, International Standards are expected on the whole to remain valid for years. Just as importantly, technological neutrality leaves vendors and service providers free to suggest new or developing technologies that meet the necessary requirements that ISO 27799:2016 describes.

As noted in the introduction, familiarity with ISO/IEC 27002 is indispensable to an understanding of ISO 27799:2016.

The following areas of information security are outside the scope of ISO 27799:2016:

- methodologies and statistical tests for effective anonymization of personal health information;
- methodologies for pseudonymization of personal health information (see Bibliography for a brief description of a Technical Specification that deals specifically with this topic);
- network quality of service and methods for measuring availability of networks used for health informatics;
- data quality (as distinct from data integrity).

Projektleder: Nina Kjar

DSF/ISO/IEC DIS 27028**Deadline: 2025-03-16**

Relation: ISO

Identisk med ISO/IEC DIS 27028

Informationssikkerhed, cybersikkerhed og privatlivsbeskyttelse – Vejledning om ISO/IEC 27002-attributter

This document provides guidance on the use and developing of attributes aligned to ISO/IEC 27002:2022.

Projektleder: Berit Aadal

DSF/ISO/IEC FDIS 24760-1**Deadline: 2025-02-15**

Relation: ISO

Identisk med ISO/IEC FDIS 24760-1

IT-sikkerhed og privatliv – Arkitektur for identitetsadministration – Del 1: Nøglebegreber og terminologi

This document:

- defines terms for identity management and specifies core concepts of identity and

identity management, and their relationships,

- is applicable to any information system where information relating to identity is processed or stored,
- has been given the status of a horizontal document, as it applies concepts such as distinguishing the term “identity” from the term “identifier” on the implementation of systems for the management of identity information and on the requirements for the implementation and operation of a framework for identity management, as it provides an important contribution to assess identity management systems with regard to their privacy-friendliness and their ability to assure the relevant attributes of an identity, and consequently it provides a foundation and a common understanding for any other standard addressing identity, identity information, and identity management.

Projektleder: Berit Aadal

DSF/ISO/IEC FDIS 24760-3**Deadline: 2025-02-15**

Relation: ISO

Identisk med ISO/IEC FDIS 24760-3

IT-sikkerhed og privatliv – Arkitektur for identitetsadministration – Del 3: Praksis

This document:

- provides requirements and guidance for the management of identity information and for ensuring that an identity management system conforms to ISO/IEC 24760-1 and ISO/IEC 24760-2;
- is applicable to any information system where information relating to identity is processed or stored;
- is considered to be a horizontal document for the following reasons:
 - it applies concepts such as distinguishing the term “identity” from the term “identifier” on the implementation of systems for the management of identity information and on the requirements for the implementation and operation of a framework for identity management,
 - it provides an important contribution to assess identity management systems with regard to their privacy-friendliness and their ability to assure the relevant attributes of an identity, and consequently it provides a foundation and a common understanding for any other standard addressing identity, identity information, and identity management.

Projektleder: Berit Aadal

DSF/prEN ISO 22739**Deadline: 2025-03-17**

Relation: CENCLC

Identisk med ISO 22739:2024

og prEN ISO 22739

Blockchain og distributed ledger-teknologi – Anvendt terminologi

This document provides fundamental terminology for blockchain and distributed ledger technologies.

Projektleder: Pernille Rasmussen

DSF/prEN ISO/IEC 19896-3

Deadline: 2025-03-05

Relation: CENCLC

Identisk med prEN ISO/IEC 19896-3

Informationsikkerhed, cybersikkerhed og privatlivsbeskyttelse – Krav til kompetencer hos personalet i organer, der foretager overensstemmelsesvurdering af IT-sikkerhed – Del 3: Krav til viden og færdigheder hos testere og validatorer af ISO/IEC 15408

This document provides the specialized requirements to demonstrate the competence of individuals in performing IT product security evaluations and certifications in accordance with the ISO/IEC 15408 series and ISO/IEC 18045.

Projektleder: Berit Aadal

DSF/prEN ISO/IEC 29151

Deadline: 2025-03-05

Relation: CENCLC

Identisk med prEN ISO/IEC 29151

Informationsikkerhed, cybersikkerhed og privatlivsbeskyttelse – Foranstaltninger og vejledning til beskyttelse af personoplysninger

ISO/IEC 29151:2017 establishes control objectives, controls and guidelines for implementing controls, to meet the requirements identified by a risk and impact assessment related to the protection of personally identifiable information (PII). In particular, this Recommendation | International Standard specifies guidelines based on ISO/IEC 27002, taking into consideration the requirements for processing PII that may be applicable within the context of an organization's information security risk environment(s).

ISO/IEC 29151:2017 is applicable to all types and sizes of organizations acting as PII controllers (as defined in ISO/IEC 29100), including public and private companies, government entities and not-for-profit organizations that process PII.

Projektleder: Berit Aadal

35.040.01

Informationskodning generelt

Information coding in general

Offentliggjorte forslag

DSF/ISO/DIS 22144

Deadline: 2025-03-06

Relation: ISO

Identisk med ISO/DIS 22144

Oplysningers ægthed – Metadatasæt til sikring mod manipulation af indhold

This document describes the technical aspects of the C2PA architecture known as Content Credentials. It is a model for storing and accessing cryptographically verifiable information whose trustworthiness can be assessed based on a defined trust model. Included in this document is information about how to create and process a C2PA Manifest and its components, including the use of digital signature technology for enabling tamper-evidence as well as establishing trust.

Projektleder: Berit Aadal

35.040.30

Kodning af grafisk og fotografisk information

Coding of graphical and photographic information

Offentliggjorte forslag

DSF/ISO/IEC PRF 6048-1

Deadline: 2025-02-05

Relation: ISO

Identisk med ISO/IEC PRF 6048-1

Fejloprettet

Projektleder: Maria Gabriella Banck

35.040.50

Teknikker til automatisk identifikation og datafangst

Automatic identification and data capture techniques

Offentliggjorte forslag

DSF/ISO/IEC DIS 18000-65

Deadline: 2025-03-15

Relation: ISO

Identisk med ISO/IEC DIS 18000-65

Informationsteknologi – RFID til styring af enheder – Del 65: Parametre for kommunikation over luftgrænsegader til streamingsensorer baseret på ISO/IEC 18000-63

This document defines the air interface based on ISO/IEC 18000-63 for radio frequency identification (RFID) devices operating in the 860 MHz to 930 MHz used in sensing as well as item management applications.

This document specifies the physical and logical requirements for a passive-backscatter Interrogator-Talks-First (ITF) systems. The system comprises Interrogators, also known as readers, and tags with stream sensors. A stream sensor comprises, at least, a tag, which exploits the backscatter technology to establish the tag-to-interrogator link, and an optional digital sensor. If a stream sensor involves a digital sensor, the tag provides a unique identification number for the digital sensor as well as working as a wireless modem between the interrogator and the digital sensor. Depending on the usage of the system, the interrogator may process, store and pass-through the received data from the tag. General functions as an item management application, specifically inventory, reading and writing tags, are utilizing functionality defined in ISO/IEC 18000-63.

This document specifies

– logical and physical procedures between the interrogator and tags to allocate a dedicated subcarrier channel to each of the tags to produce a continuous data streaming.

– logical and physical procedure between the interrogator and the tags to start and stop the continuous data streaming.

– logical interface between the interrogator and the tag to configure a digital sensor and to receive data from the digital sensor through the tag.

Projektleder: Tomas Lundstrøm

35.040.99

Andre standarder vedrørende informationskodning

Other standards related to information coding

Offentliggjorte forslag

DSF/prEN ISO 22739

Deadline: 2025-03-17

Relation: CENCLC

Identisk med ISO 22739:2024

og prEN ISO 22739

Blockchain og distributed ledger-teknologi – Anvendt terminologi

This document provides fundamental terminology for blockchain and distributed ledger technologies.

Projektleder: Pernille Rasmussen

35.080

Software

Software

Nye Standarder

DS/ISO/IEC TS 25052-2:2024

DKK 525,00

Identisk med ISO/IEC TS 25052-2:2024

System- og softwareudvikling – Kvalitetskrav og evaluering til systemer og software (SQuARE): clouddtjenester – Del 2: Kvalitetsmåling

This document defines quality measures for quantitatively evaluating cloud services quality in terms of characteristics and sub-characteristics defined in ISO/IEC TS 25052-1 and is intended to be used together with ISO/IEC TS 25052-1.

This document contains the following:

- a basic set of quality measures for each characteristic and sub-characteristics;
- an explanation of how to apply quality measures to cloud services.

Since the quality model defined in ISO/IEC TS 25052-1 is the extension to the existing quality models defined in ISO/IEC 25010 to ISO/IEC 25019, it can be used with the product quality model, IT service quality model, data quality model, and quality-in-use model according to evaluation purposes. For the same reason, the quality measures defined in this document can also be used with the quality measures for software ICT products, IT services, data, and quality-in-use.

As there are several cloud service categories, this document focuses on the quality model of SaaS (software as a service). This document does not address PaaS (platform as a service) and IaaS (infrastructure as a service).

Projektleder: Tomas Lundstrøm

DS/ISO/IEC/IEEE 29119-5:2024
DKK 810,00

Identisk med ISO/IEC/IEEE 29119-5:2024

Software-og systemudvikling – Softwaretest – Del 5: Nøgleordsdrevet test

This document defines an efficient and consistent solution for keyword-driven testing by:

- giving an introduction to keyword-driven testing;
- providing a reference approach to implement keyword-driven testing;
- defining requirements on frameworks for keyword-driven testing to enable testers to share their work items, such as test cases, test data, keywords, or complete test specifications;
- defining requirements for tools that support keyword-driven testing; these requirements are applicable to any tool that supports the keyword-driven approach (e.g. test automation, test design and test management tools);

- defining interfaces and a common data exchange format to ensure that tools from different vendors can exchange their data (e.g. test cases, test data and test results);
- defining levels of hierarchical keywords, and advising use of hierarchical keywords; this includes describing specific types of keywords (e.g. keywords for navigation or for checking a value) and when to use "flat" structured keywords;

- providing an initial list of example generic technical (low-level) keywords, such as "inputData" or "checkValue"; these keywords can be used to specify test cases on a technical level and can be combined to create business-level keywords as required.

This document is applicable to all those who want to create keyword-driven test specifications, create corresponding frameworks, or build test automation based on keywords.

Projektleder: Tomas Lundstrøm

35.100.05**Multilayer-anvendelsesmuligheder**

Multilayer applications

Offentliggjorte forslag**DSF/prEN IEC 62541-7:2025****Deadline: 2025-03-26**

Relation: CLC

Identisk med IEC 62541-7 ED4

og prEN IEC 62541-7:2025

OPC Unified Architecture (OPC UA) – Del 7: Profiler

This document specifies value and structure of Profiles in the OPC Unified Architecture.

The actual Profiles are maintained in an online database and accessible via <https://profiles.opcfoundation.org/>.

OPC UA Profiles are used to segregate features with regard to testing of OPC UA products and the nature of the testing (tool based or lab based). This includes the testing performed by the OPC

Foundation provided OPC UA CTT (a self-test tool) and by the OPC Foundation provided independent certification test labs. This could equally as well refer to test tools provided by another organization or

a test lab provided by another organization. What is important is the concept of automated tool based testing versus lab based testing. The scope of this standard includes defining functionality that can only be tested in a lab and defining the grouping of functionality that is to be used when testing OPC UA products either in a lab or using automated tools. The definition of actual TestCases is not within the scope of this document, but the general categories of TestCases are within the scope of this document.

Most OPC UA applications will conform to several, but not all of the Profiles.

Projektleder: Søren Lütken Storm

35.110**Netværk**

Networking

Nye Standarder**DS/ISO/IEC/IEEE 8802-15-9:2024**

DKK 880,00

Identisk med ISO/IEC/IEEE 8802-15-9:2024

Telekommunikation og informationsudveksling mellem systemer – Specifikke krav til lokal- og storbynetværk – Del 15-9: Overførsel af KMP-datagrammer

This document defines security key management extensions to address session key generation (both 128-bit and 256-bit key lengths), the creation and/or transport of broadcast/multicast keys, and security algorithm agility.

This document maintains backwards compatibility with IEEE Std 802.15.9-2016.

Projektleder: Berit Aadal

35.200**Interface- og forbindelsesudstyr**

Interface and interconnection equipment

Offentliggjorte forslag**DSF/CLC ISO/IEC/FprTS 29125:2024****Deadline: 2025-03-05**

Relation: CLC

Identisk med ISO/IEC TS 29125:2017 ED1

og CLC ISO/IEC/FprTS 29125:2024

Informationsteknologi – Krav til telekommunikationskabling beregnet til fjernforsyning af terminaludstyr

This document a) addresses the support of safety extra low voltage (SELV) and limited power source (LPS) applications that provide remote power over:

- 4-pair balanced cabling in accordance with the reference implementations of EN 50173 series using currents per conductor of up to 500 mA;
 - 1-pair balanced cabling using currents per conductor of up to 2 000 mA;
- and targets the support of applications that provide remote power over balanced cabling to terminal equipment,
- b) covers the transmission and electrical parameters needed to support remote power over balanced cabling, c) covers various installation scenarios and how these may impact the capability of balanced cabling to support remote powering,

d) specifies design and configuration of cabling as specified in EN 50173-1.

NOTE SELV requirements specify a maximum voltage of 60 V DC and LPS is understood in the applications referenced to be up to 100 W supplied within cabling.

This document includes a mathematical model to predict the behaviour of different bundle sizes, various cabling constructions, and installation conditions for different current capacities.

Projektleder: Maria Gabriella Banck

35.240.01**Anvendelse af informationsteknologi. Generelt**

Application of information technology in general

Nye Standarder**DS/CEN/CLC/TR 17894:2024**

DKK 747,00

Identisk med CEN/CLC/TR 17894:2024

Kunstig intelligens (AI) – Overensstemmelsesvurdering for kunstig intelligens

This document sets out a review of the current methods and practices (including tools, assets, and conditions of acceptability) for conformity assessment in respect to, among others, products, services, processes, management systems, organizations, or persons, as relevant for the development and use of AI systems. It includes an industry horizontal (vertical agnostic) perspective as well as an industry vertical perspective.

This document focuses only on the process of assessment and gap analysis of conformity. It defines the objects of conformity related to AI systems and all other related aspects of the process of conformity assessment. The document also reviews to what extent AI poses specific challenges with respect to assessment of, for example, software engineering, data quality and engineering processes.

This document takes into account requirements and orientations from policy frameworks such as the EU AI strategy and those from

CEN and CENELEC member countries.

This document is intended for technologists, standards bodies, regulators and interested parties.

Projektleder: Kim Skov Hilding

35.240.15**Identifikationskort. Chipkort. Biometri**

Identification cards and related devices. Chip cards. Biometrics

Offentliggjorte forslag**DSF/ISO/IEC DIS 17839-1****Deadline: 2025-03-21**

Relation: ISO

Identisk med ISO/IEC DIS 17839-1

Informationsteknologi – Kort med biometriske systemer – Del 1: Grundlæggende krav

ISO/IEC 17839-1:2014 establishes functional architecture of a Biometric System-

on-Card definition of type S1 (fully ISO/IEC 7810 compliant) and type S2 implementation of a Biometric System-on-Card sensor types in a Biometric System-on-Card minimum requirements to a Biometric System-on-Card with respect to discriminative power (i.e. biometric accuracy criteria)

interfaces power supply options

The following aspects are out of scope of ISO/IEC 17839-1:2014:

off-card biometric comparison, storage-on-card work-load sharing implementations detailed specification and configuration of individual components

ISO/IEC 17839-1:2014 provides a functional architectural description of a Biometric System-on-Card and describes how the interfaces are mapped using existing commands and data structures from other International Standards.

Projektleder: Berit Aadal

35.240.20

Anvendelse af IT ved kontorarbejde IT applications in office work

Nye Standarder

DS/CEN/TS 17011-3:2024

DKK 470,00

Identisk med CEN/TS 17011-3:2024

Elektronisk offentligt udbud og indkøb – Arkitektur – Del 3: Retningslinjer for specifik tilpasning

This document describes:

- the rationale for building customisation supporting business cases that are specific to their business environment while maintaining organisational and semantic interoperability with the TC 440 specifications;
- the difference between Usage specification and Extension specification;
- a methodology on how to define customisations on:
- BII Transaction specification,
- Business rules,
- Code lists;
- how to claim compliance or conformance to a customisation of a TC 440 specification;
- the connection to the eProcurement Ontology project.

This specification does not describe the detailed process of building an extension.

Projektleder: Bjørn Nørreklær Hvidtfeldt

35.240.30

Anvendelse af IT til information, dokumentation og udgivelse

IT applications in information,
documentation and publishing

Offentliggjorte forslag

DSF/ISO 32000-2:2020/DAMd 1

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO 32000-2:2020/DAMd 1
**Dokumentstyring – Portable document
format – Del 2: PDF 2.0 – Tillæg 1**

This document specifies a digital form for representing electronic documents to

enable users to exchange and view electronic documents independent of the environment in which they were created or the environment in which they are viewed or printed. It is intended for developers of software that creates PDF files (PDF writers), software that reads existing PDF files and (usually) interprets their contents for display (PDF readers), software that reads and displays PDF content and interacts with the computer users to possibly modify and save the PDF file (interactive PDF processors) and PDF products that read and/or write PDF files for a variety of other purposes (PDF processors). (PDF writers and PDF readers are more specialised classifications of interactive PDF processors and all are PDF processors).

This document does not specify the following:

- specific processes for converting paper or electronic documents to the PDF file format;
- specific technical design, user interface implementation, or operational details of rendering;
- specific physical methods of storing these documents such as media and storage conditions;
- methods for validating the conformance of PDF files or PDF processors;
- required computer hardware and/or operating system.

Projektleder: Berit Aadal

35.240.40

Anvendelse af IT inden for bankverdenen

IT applications in banking

Nye Standarder

DS/ISO/IEC 27562:2024

DKK 665,00

Identisk med ISO/IEC 27562:2024

Informationsteknologi – Sikkerhedsteknikker – Retningslinjer for privatlivsbeskyttelse inden for fintech

This document provides guidelines on privacy for fintech services.

It identifies all relevant business models and roles in consumer-to-business relations and business-to-business relations, as well as privacy risks and privacy requirements, which are related to fintech services. It provides specific privacy controls for fintech services to address privacy risks.

This document is based on the principles from ISO/IEC 29100, ISO/IEC 27701, and ISO/IEC 29184, the privacy impact assessment framework described in ISO/IEC 29134, and the risk management guideline described in ISO 31000. It also provides guidelines focusing on a set of privacy requirements for each stakeholder.

This document can be applicable to all kinds of organizations such as regulators, institutions, service providers and product

providers in the fintech service environment.

Projektleder: Berit Aadal

DS/ISO/TR 22126-2:2025

DKK 747,00

Identisk med ISO/TR 22126-2:2025

Finansielle ydelser – Semantisk teknologi – Del 2: OWL-repræsentation af ISO 20022-baseret metamodel og e-repository

This document is concerned with the representation of the ISO 20022 e-Repository contents in RDF and OWL by developing a case study around the ISO 20022 auth.016 sample message (hereafter simply referred to as “auth.016”). This includes:

- transformation of the sample message into an RDF instance graph;
- demonstrating a set of SPARQL rules that transform the auth.016 message into a FIX TradeCaptureReport(35=AE) message (hereafter simply referred to as “FIX AE”);
- expressing the metamodel, business components and message components exactly with a custom RDF vocabulary;
- representing those schemas as OWL schemas using OWL vocabulary when possible and annotation properties otherwise;
- creating instance graphs for the auth.016 sample messaging using the vocabulary of the business components and message components.

This document also discusses the choices that arise in structuring RDF documents equivalent to documents in XML, and FIX Tag-Value format balancing considerations such as preserving the order of parts of the message versus creating graphs that are suitable for RDFS and OWL inference.

Projektleder: Maria Gabriella Banck

35.240.50

Anvendelse af IT i industrien

IT applications in industry

Offentliggjorte forslag

DSF/ISO/DIS 14306-4

Deadline: 2025-03-03

Relation: ISO

Identisk med ISO/DIS 14306-4

Industrielle automationssystemer og integration – JT-filformatspecifikation til 3D-visning – Del 4: Version 3

The JT file format specification for 3D visualization specifies the sequential order of bytes that comprise the segments of data required to represent a JT file. The JT format is uniquely compressed to minimize file size.

The JT file format specification for 3D visualization includes data descriptions that can represent the following data.

- facet information (triangles), stored with geometry compression techniques;
- visual attributes such as lights, textures and materials;
- product manufacturing information (PMI);
- boundary representation (b-rep) solid model shape representation and associated metadata;

- configuration representations; and
- delivery methods such as asynchronous streaming of content.

The following geometry representation are proposed to be deprecated in the ISO 14306 Part 4 specification

- lightweight ULP geometric boundary representation;
- lightweight LWPA precise analytic geometric boundary representation;

A complete list of Product Manufacturing Information (PMI) String Property Atom Element values will be made available as a Reference Data Library in electronic insert format. A number of Material and Surface attributes referenced by the ISO 14306-4 specification will also be defined in a separate Reference Data Library in electronic insert format.

The JT file format specification for 3D visualization does not specify the implementation of, or definition of, any runtime architecture for viewing and/or processing JT data.

Projektleder: Søren Lütken Storm

DSF/ISO/DIS 18166 **Deadline: 2025-03-04**

Relation: ISO

Identisk med ISO/DIS 18166

Numerisk svejtesimulering – Udførelse og dokumentation

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications.

CWM is a broad and growing area of engineering analysis.

ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself:

- heat flow during the analysis of one or more passes;
- thermal expansion as a result of the heat flow;
- thermal stresses;
- development of inelastic strains;
- effect of temperature on material properties;
- predictions of residual stress distributions;
- predictions of welding distortion.

ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth:

- physics of the heat source (e.g. laser or welding arc);
- physics of the melt pool (and key hole for power beam welds);
- creation and retention of non-equilibrium solid phases;
- solution and precipitation of second phase particles;
- effect of microstructure on material properties.

The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range

of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications.

This Technical Specification is independent of the software and implementation, and therefore is not restricted to FEA, or to any particular industry.

It provides a consistent framework for primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results).

Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency).

Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Projektleder: Lone Skjerning

DSF/prEN IEC 62264-2:2024 **Deadline: 2025-03-10**

Relation: CLC

Identisk med IEC 62264-2 ED3

og prEN IEC 62264-2:2024

Integration af virksomhedens styrings-system – Del 2: Objekter og attributter til integration af virksomhedens styrings-system

This standard specifies interface content exchanged between manufacturing control functions and other enterprise functions as interrelated information models. The information models are represented as an interrelated collection of conceptual object models which can be used for the implementation of applications with logical data and physical data models. The data exchanges in interfaces are scoped as between Level 3 manufacturing operations and Level 4 business systems in the hierarchical model defined in IEC 62264-1. The standard's goal is to reduce the risk, cost, and errors associated with implementing the interfaces.

Since this standard's scope covers many manufacturing operations and enterprise domains and there are many different standards for those domains, the semantics of this data exchange standard are described at a conceptual level intended to enable the other standards to be mapped to these semantics. To this end, this standard defines a set of elements contained in the generic interface, together with a mechanism for extending the interface content for implementations.

The scope is limited to the definition of object models and attributes of the exchanged information defined in the IEC 62264-1 standard.

Projektleder: Søren Lütken Storm

DSF/prEN ISO 18166 **Deadline: 2025-03-19**

Relation: CEN

Identisk med ISO/DIS 18166

og prEN ISO 18166

Numerisk svejtesimulering – Udførelse og dokumentation

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications.

CWM is a broad and growing area of engineering analysis.

ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself:

- heat flow during the analysis of one or more passes;
- thermal expansion as a result of the heat flow;
- thermal stresses;
- development of inelastic strains;
- effect of temperature on material properties;
- predictions of residual stress distributions;
- predictions of welding distortion.

ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth:

- physics of the heat source (e.g. laser or welding arc);
- physics of the melt pool (and key hole for power beam welds);
- creation and retention of non-equilibrium solid phases;
- solution and precipitation of second phase particles;
- effect of microstructure on material properties.

The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications.

This Technical Specification is independent of the software and implementation, and therefore is not restricted to FEA, or to any particular industry.

It provides a consistent framework for primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results).

Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency).

Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in

which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Projektleder: Lone Skjerning

35.240.60

Anvendelse af IT inden for transport og handel

IT applications in transport and trade

Offentliggjorte forslag

DSF/FprCEN/TS 13149-8

Deadline: 2025-03-17

Relation: CEN

Identisk med FprCEN/TS 13149-8

Offentlig transport – Skedulerings- og kontrolsystemer til vej køretøjer – Del 8: Fysisk lag til IP-kommunikation

This part 8 specifies the physical layer of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. This applies to equipment installed on board vehicles that are operating as part of a public transport network, i.e. in operation under public service contracts. This equipment includes operation aid systems, automatic passenger information systems, fare collection systems, etc.

The use of IEEE 802.11 Wireless LAN communications is excluded from the scope of this Technical Specification; its use is not recommended for the service-based approach of CEN/TS 13149.

Equipment directly related to the safety-related functioning of the vehicle (propulsion management, brake systems, door opening systems, etc.) are excluded from the scope of this Technical Specification and are dealt with in other standardization bodies. Interfaces to such equipment or safety-critical networks can be provided through dedicated gateways.

This document covers the following:

- The link between equipment inside vehicles consisting of one carriage only, e.g. buses and trolleybuses, as well as a set of carriages, e.g. trams and trains;
- The Physical Layer for IP-communication networks onboard PT vehicles;
- The cables, connectors and other equipment including pin assignment and environmental requirements.

This document specifies wired communication networks onboard PT vehicles which are based on the Ethernet specification ISO/IEC/IEEE 8802-3-10 Base T, 100 Base Tx and 1000 Base T.

Projektleder: Per Velk

DSF/ISO/DPAS 19486

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/DPAS 19486

Intelligente transportsystemer – Accelerationskontrol ved pedalfejl (ACPE) – Krav til ydeevne og testprocedurer

This document specifies the functional requirements and test procedures for an acceleration control for pedal error (ACPE) system. This document applies to the

systems installed in light vehicles (category M1

and N1)[2] and it does not apply to those installed in large vehicles or motorcycles.

Projektleder: Per Velk

DSF/ISO/DTR 24856

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/DTR 24856

Intelligente transportsystemer – Integrering af mobilitet – Mønster for humancentrerede tjenester til provisionering af prædiktiv risikoinformation

This document describes a role model for predictive safety risk information provisioning primarily applicable for non-enforcement applications, and potentially applicable for enforcement application services are out of scope of this document. This role model is dedicated to human centric road transport safety management purposes considering all road users on the roads. It can be applicable to enforcement application services.

Projektleder: Per Velk

DSF/prEN ISO 17573-2

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/TS 17573-2:2020

og prEN ISO 17573-2

Elektronisk afgiftsopkrævning – Systemarkitektur for køretøjsrelateret opkrævning – Del 2: Terminologi

This document defines terms within the field of electronic fee collection (EFC).

This document defines:

- terms within the fields of electronic fee collection and road user charging;
- terms that are used in standards related to electronic fee collection;
- terms of a more general use that are used more specifically in standards related to electronic fee collection.

This document does not define:

- Terms related primarily to other fields that operate in conjunction with EFC, such as terms for intelligent transport systems (ITS), common payment systems, the financial sector, etc.
- Deprecated terms.

Projektleder: Per Velk

35.240.63

IT-anvendelser inden for handel

IT applications in trade

Offentliggjorte forslag

DSF/ISO/DIS 5909

Deadline: 2025-03-26

Relation: ISO

Identisk med ISO/DIS 5909

Forretningsprocesser og dataudveksling af DLT-baseret elektronisk konnossement

1) Processes of blockchain negotiable BoL based on different types of use cases. When BoL is used in this document, it means negotiable maritime bill of lading. -Typical business process and roles of related parties;

-Classification principle: different types of BoL, multi-ports transport and different parties to be involved, such as different trade assurance services provided by banks or e-Commerce platform;

-Processes: BoL issuing, BoL endorsement, BoL surrender, related trade documentation transfer;etc.

Notes: Reuse and align with the UN/CEFACT project on Transfer of MLE-TR-Compliant Titles.

2) Business architecture, functional architecture and functional requirements of blockchain BoL

3) Data element and data authorized rules

Notes: Reuse UN/CEFACT global Bill of Lading (Waybill) subset of MMT-RDM; if any additional data elements required, to align and harmonize with MMT-RDM.

35.240.67

IT-anvendelser inden for bygge- og anlægsbranchen

IT applications in building and construction industry

Offentliggjorte forslag

DSF/prEN ISO 29481-2

Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 29481-2

og prEN ISO 29481-2

BIM – IDM – Del 2: Rammesætning for interaktion

ISO 29481-2:2012 specifies a methodology and format for describing 'coordination acts' between actors in a building construction project during all life cycle stages.

It therefore specifies a methodology that describes an interaction framework, an appropriate way to map responsibilities and interactions that provides a process context for information flow, a format in which the interaction framework should be specified.

ISO 29481-2:2012 is intended to facilitate interoperability between software applications used in the construction process, to promote digital collaboration between actors in the building construction process, and to provide a basis for accurate, reliable, repeatable, and high-quality information exchange.

Projektleder: Alexander Mollan Bohn Christiansen

35.240.80

Anvendelse af IT inden for sundhedssektoren

IT applications in health care technology

Offentliggjorte forslag

DSF/ISO/DIS 17090-4

Deadline: 2025-03-26

Relation: ISO

Identisk med ISO/DIS 17090-4

Sundhedsinformatik – Offentlig nøgleinfrastruktur (PKI) – Del 4: Digitale signaturer til sundhedsdokumenter

This document supports interchangeability of digital signatures and the prevention

of incorrect or illegal digital signatures by providing minimum requirements and formats for generating and verifying digital signatures and related certificates.

This document describes the common technical, operational, and policy requirements that need to be addressed to enable digital certificates to be used in protecting the exchange of healthcare information within a single domain, between domains, and across jurisdictional boundaries. Its purpose is to create a platform for global interoperability. It specifically supports digital certificate enabled communication across borders but could also provide guidance for the national or regional deployment of digital certificates in healthcare.

It defines the provable compliance with a PKI policy necessary in the domain of healthcare. This document specifies a method of adopting long-term signature formats to ensure integrity and non-repudiation in long-term electronic preservation of healthcare information.

This document provides Healthcare specific PKI (HPKI) profiles of digital signature based on the ETSI Standard and the profile of the ISO/ETSI Standard specified in CAAdES, XAdES, and PAdES.

Projektleder: Nina Kjar

DSF/ISO/DIS 27799
Deadline: 2025-03-19

Relation: ISO

Identisk med ISO/DIS 27799

Sundhedsinformatik – Informationsikkerhedsledelse i sundhedssektoren ved anvendelse af ISO/IEC 27002

ISO 27799:2016 gives guidelines for organizational information security standards and information security management practices including the selection, implementation and management of controls taking into consideration the organization's information security risk environment(s).

It defines guidelines to support the interpretation and implementation in health informatics of ISO/IEC 27002 and is a companion to that International Standard.

ISO 27799:2016 provides implementation guidance for the controls described in ISO/IEC 27002 and supplements them where necessary, so that they can be effectively used for managing health information security. By implementing ISO 27799:2016, healthcare organizations and other custodians of health information will be able to ensure a minimum requisite level of security that is appropriate to their organization's circumstances and that will maintain the confidentiality, integrity and availability of personal health information in their care.

It applies to health information in all its aspects, whatever form the information takes (words and numbers, sound recordings, drawings, video, and medical images), whatever means are used to store it (printing or writing on paper or storage electronically), and whatever means are used to transmit it (by hand, through fax, over computer networks, or by post), as the information is always be appropriately protected.

ISO 27799:2016 and ISO/IEC 27002 taken together define what is required in terms of information security in healthcare, they do not define how these requirements are

to be met. That is to say, to the fullest extent possible, ISO 27799:2016 is technology-neutral. Neutrality with respect to implementing technologies is an important feature. Security technology is still undergoing rapid development and the pace of that change is now measured in months rather than years. By contrast, while subject to periodic review, International Standards are expected on the whole to remain valid for years. Just as importantly, technological neutrality leaves vendors and service providers free to suggest new or developing technologies that meet the necessary requirements that ISO 27799:2016 describes.

As noted in the introduction, familiarity with ISO/IEC 27002 is indispensable to an understanding of ISO 27799:2016.

The following areas of information security are outside the scope of ISO 27799:2016:

- a) methodologies and statistical tests for effective anonymization of personal health information;
- b) methodologies for pseudonymization of personal health information (see Bibliography for a brief description of a Technical Specification that deals specifically with this topic);
- c) network quality of service and methods for measuring availability of networks used for health informatics;
- d) data quality (as distinct from data integrity).

Projektleder: Nina Kjar

35.240.99

Anvendelse af IT inden for andre områder

IT applications in other fields

Offentliggjorte forslag

DSF/prEN ISO 22739

Deadline: 2025-03-17

Relation: CENCLC

Identisk med ISO 22739:2024

og prEN ISO 22739

Blockchain og distributed ledger-teknologi – Anvendt terminologi

This document provides fundamental terminology for blockchain and distributed ledger technologies.

Projektleder: Pernille Rasmussen

37.040.99

Andre standarder vedrørende fotografi

Other standards related to photography

Offentliggjorte forslag

DSF/ISO/DIS 12234-1

Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 12234-1

Digitalfoto – Billedlagring – Del 1: referencemodel

1 Scope

This part of ISO 12234 specifies a basic removable-memory reference model for digital electronic still-picture cameras. The reference model includes image file for-

mats for storing image data and metadata, file system requirements for storing and retrieving the image files on the removable memory, and media profiles which are specific to a given storage technology. The reference model allows the image data and metadata to be interchanged among the various components of an electronic imaging system by using the removable storage media.

Projektleder: Erling Richard Trudsø

DSF/ISO/DIS 12234-4

Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 12234-4

Digitalfoto – Billedlagring – Del 4: Digitalnegativer

This part of ISO 12234 specifies the DNG (digital negative) image file format, published by Adobe Systems as the "Digital Negative (DNG) Specification" This includes specifying DNG by capturing and reconciling major adoptions and implementations of Adobe DNG.

Projektleder: Erling Richard Trudsø

37.100.99

Andre standarder vedrørende grafisk teknologi

Other standards related to graphic technology

Offentliggjorte forslag

DSF/ISO 32000-2:2020/DAmD 1

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO 32000-2:2020/DAmD 1

Dokumentstyring – Portable document format – Del 2: PDF 2.0 – Tillæg 1

This document specifies a digital form for representing electronic documents to enable users to exchange and view electronic documents independent of the environment in which they were created or the environment in which they are viewed or printed. It is intended for developers of software that creates PDF files (PDF writers), software that reads existing PDF files and (usually) interprets their contents for display (PDF readers), software that reads and displays PDF content and interacts with the computer users to possibly modify and save the PDF file (interactive PDF processors) and PDF products that read and/or write PDF files for a variety of other purposes (PDF processors). (PDF writers and PDF readers are more specialised classifications of interactive PDF processors and all are PDF processors).

This document does not specify the following:

- specific processes for converting paper or electronic documents to the PDF file format;
- specific technical design, user interface implementation, or operational details of rendering;
- specific physical methods of storing these documents such as media and storage conditions;
- methods for validating the conformance of PDF files or PDF processors;

– required computer hardware and/or operating system.

Projektleder: Berit Aadal

39.060

Juveler
Jewellery

Offentliggjorte forslag

DSF/ISO/DIS 9202

Deadline: 2025-03-18

Relation: ISO

Identisk med ISO/DIS 9202

Smykker og ædelmetaller – Finhedsgrad af ædelmetallegeringer

This document specifies a range of fineness of precious metal alloys (excluding solders) recommended for use in the field of jewellery.

NOTE – There is a possibility that national legal requirements for the designation, marking, and stamping of finished articles exist in the respective countries.

Projektleder: Astrid Bækby Skøtt

43.040.10

Elektrisk og elektronisk udstyr

Electrical and electronic equipment

Offentliggjorte forslag

DSF/prEN IEC 62321-13:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 62321-13 ED1

og prEN IEC 62321-13:2025

Bestemmelse af særlige stoffer i elektrotekniske produkter – Del 13: Bisphenol A i plastik ved hjælp af påvisning ved væskechromatografi-diode-array (LC-DAD), væskechromatografi med massespektrometri (LC-MS) og væskechromatografi med tandemmassespektrometri (LC-MS/MS)

This International standard specifies three techniques for the determination of free Bisphenol A (BPA) in plastics of electrotechnical products.

The liquid chromatography – diode array detector (LC-DAD) and liquid chromatography mass spectrometry (LC-MS) and liquid chromatography tandem mass spectrometry (LC-MS/MS). These test methods are described in the normative part of this standard. These test methods have been evaluated for use with PC, PC/ABS, PP matrices containing free BPA between 20 mg/kg to 500 mg/kg as shown in the Pre-IIS 13 results in Annex C and IIS 13 results in Annex D. The use of these methods for BPA concentration ranges of plastics, other than those specified in Annex C, Annex D has not been evaluated.

Projektleder: Charlotte Vincentz Fischer

43.040.15

Informationssystemer og computer-systemer i biler

Car informatics. On board computer systems

Offentliggjorte forslag

DSF/FprCEN/TS 13149-8

Deadline: 2025-03-17

Relation: CEN

Identisk med FprCEN/TS 13149-8

Offentlig transport – Skedulerings- og kontrolsystemer til vejkøretøjer – Del 8: Fysisk lag til IP-kommunikation

This part 8 specifies the physical layer of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. This applies to equipment installed on board vehicles that are operating as part of a public transport network, i.e. in operation under public service contracts. This equipment includes operation aid systems, automatic passenger information systems, fare collection systems, etc.

The use of IEEE 802.11 Wireless LAN communications is excluded from the scope of this Technical Specification; its use is not recommended for the service-based approach of CEN/TS 13149.

Equipment directly related to the safety-related functioning of the vehicle (propulsion management, brake systems, door opening systems, etc.) are excluded from the scope of this Technical Specification and are dealt with in other standardization bodies. Interfaces to such equipment or safety-critical networks can be provided through dedicated gateways.

This document covers the following:

- The link between equipment inside vehicles consisting of one carriage only, e.g. buses and trolleybuses, as well as a set of carriages, e.g. trams and trains;
- The Physical Layer for IP-communication networks onboard PT vehicles;
- The cables, connectors and other equipment including pin assignment and environmental requirements.

This document specifies wired communication networks onboard PT vehicles which are based on the Ethernet specification ISO/IEC/IEEE 8802-3-10 Base T, 100 Base Tx and 1000 Base T.

Projektleder: Per Velk

DSF/ISO/DPAS 19486

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/DPAS 19486

Intelligente transportsystemer – Accelerationskontrol ved pedalfejl (ACPE) – Krav til ydeevne og testprocedurer

This document specifies the functional requirements and test procedures for an acceleration control for pedal error (ACPE) system. This document applies to the systems installed in light vehicles (category M1

and N1)[2] and it does not apply to those installed in large vehicles or motorcycles.

Projektleder: Per Velk

43.040.40

Bremsesystemer

Braking systems

Offentliggjorte forslag

DSF/ISO/DPAS 19486

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/DPAS 19486

Intelligente transportsystemer – Accelerationskontrol ved pedalfejl (ACPE) – Krav til ydeevne og testprocedurer

This document specifies the functional requirements and test procedures for an acceleration control for pedal error (ACPE) system. This document applies to the systems installed in light vehicles (category M1

and N1)[2] and it does not apply to those installed in large vehicles or motorcycles.

Projektleder: Per Velk

43.060.40

Brændstofsystemer

Fuel systems

Nye Standarder

DS/ISO 19880-8:2024

DKK 665,00

Identisk med ISO 19880-8:2024

Gasformig brint – Tankstationer – Del 8: Kvalitetskontrol af brændstof

This document specifies the protocol for ensuring the quality of the gaseous hydrogen at hydrogen distribution facilities and hydrogen fuelling stations for proton exchange membrane (PEM) fuel cells for road vehicles.

Projektleder: Asker Juul Aagren

43.120

Elektriske køretøjer

Electric road vehicles

Offentliggjorte forslag

DSF/prEN IEC 61851-23-3:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 61851-23-3 ED1

og prEN IEC 61851-23-3:2025

Konduktive opladningssystemer til elkøretøjer – Del 23-3: DC-forsyningsudstyr til MCS-opladningssystemer

This part of the IEC 61851 series, together with [IEC 61851-1 Ed. 3] and [IEC 61851-23, Ed. 2.0], applies to the EV supply equipment to provide energy transfer between the supply network and electric vehicles (EVs), with a rated maximum voltage at side A (supply network side) up to 1 000 V AC or up to 1 500 V DC and a rated maximum voltage at side B (EV side) up to 1 250 V DC.

NOTE 1 – A rated maximum voltage of the EV supply equipment at side B of 1 500 V DC is under consideration.

This document specifies the EV supply equipment of Megawatt Charging System (MCS) equipped with a coupler according to IEC TS 63379. Systems different to

system MCS using a coupler specified in IEC TS 63379 are under consideration. Requirements for bidirectional power flow systems are under consideration. This document does not cover all safety aspects related to maintenance.

Requirements for systems not providing protective separation between side A (supply network side) and side B (EV side) are under consideration.

The requirements for digital communication between the EV supply equipment and the EV for control of energy transfer are defined in ISO 15118-101 and ISO 15118-20.

Projektleder: Søren Lütken Storm

43.150

Cykler

Cycles

Nye Standarder

DS/EN 17860-5:2024

DKK 525,00

Identisk med EN 17860-5:2024

Cykler til person- og lasttransport – Del 5: Elektriske aspekter

This document applies to:

- functional and electrical safety aspects of carrier cycles covered in all parts of EN 17860;

- electrical aspects of electrically power assisted cycle trailers (EPACT) covered in prEN 17860-7;

- electrical aspects of batteries used for carrier cycles;

- electrical aspects of chargers used for carrier cycles.

This document does not apply to charging stations.

This document specifies requirements and test methods for motor power management systems, electrical circuits including the charger for the assessment of the design and assembly of carrier cycles and subassemblies for systems having a Safety Extra Low Voltage (SELV) maximum working voltage ≤ 60 V d.c. disregarding transients.

Projektleder: Pernille Annette Henriksen

DS/EN 17860-7:2024

DKK 575,00

Identisk med EN 17860-7:2024

Cykler til person- og lasttransport – Del 7: Cykelanhængere til lasttransport

This document specifies safety requirements and test methods for single and multi-axle cargo trailers and their connecting devices.

This document applies to cargo trailers with a maximum gross vehicle weight of 600 kg.

This document is not applicable to trailer for transportation of passengers, usually children and for type of trailers which use fifth wheel for connecting to the front cycles as listed in the Table 1 in this document.

Table 1 – Types of cycle trailers

Type of trailer Applicability of this document

Multi track single axle Applicable

Multi track multi axle Applicable

Single track with single axle or multi axle

Not applicable

Fifth wheel trailer with single axle or multi axle Not applicable

Usage

Cargo Applicable

People/children/pet Not applicable

NOTE – Requirements and test methods for electrical assistance for electrically assisted cargo trailers are covered by prEN 17860-5:2023.

Projektleder: Pernille Annette Henriksen

45.020

Jernbaneteknik. Generelt

Railway engineering in general

Offentliggjorte forslag

DSF/ISO/DIS 24675-2

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 24675-2

Jernbaner – Køretidsberegning til udarbejdelse af køreplaner – Del 2:

Afstand-tid-diagrammer og fartkurver

In order to create punctual timetables, it is necessary to accurately calculate and plan out running time between stopping or passing points, headway between trains, train scheduling, rolling stock scheduling, driver and crew scheduling, operation scheduling in stations and depots and line / infrastructure capacity.

Among these values, shortest running time between stopping or passing points must be calculated first, as this is the basis of timetabling.

This document describes a practical procedure to create and verify distance-speed diagrams and speed curves using the parameters specified in ISO 24675-1. Shortest running time is obtained by numerically integrating the speed curves.

This enables railway infrastructure managers, railway operators and related organizations to calculate accurate running time at the stage of setting up feasible and punctual daily timetables, seasonal timetables, annual timetables, strategic timetables for long-term perspective, and other timetables of a railway system.

This document excludes running time calculation used for purposes other than timetabling.

Projektleder: Per Velk

45.060.01

Rullende jernbanemateriel. Generelt

Railway rolling stock in general

Offentliggjorte forslag

DSF/prEN IEC 60310:2024

Deadline: 2025-03-05

Relation: CLC

Identisk med IEC 60310 ED5

og prEN IEC 60310:2024

Jernbaner – Transformatorer og drosselspoler til rullende materiel

This document specified the terms and definition, classification, service condition, characteristics and test methods for transformers and inductors on board rolling stock.

This document is applicable to traction and auxiliary power transformers installed on board rolling stock and to the various types of power inductors inserted in the traction and auxiliary circuits of rolling stock, of dry or liquid-immersed design.

This document is also applicable to the traction transformers of three-phase AC line-side powered vehicles and to the transformers inserted in the single-phase or poly-phase auxiliary circuits of vehicles, after agreement between purchaser and manufacturer.

This document does not apply to instrument transformers, transformers of a rated output below 1 kVA single-phase or 5 kVA poly-phase, and inductors of a rated output below 1 kVAR single-phase or 5 kVAR poly-phase on board rolling stock.

This document does not cover accessories such as tap changers, resistors, heat exchangers, fans, etc., intended for mounting on transformers or inductors, which are tested separately according to the relevant rules.

NOTE – Items requiring agreement between the delivery parties and items of supplementary information and specification particulars to be provided by the ordering party or manufacturer are given in Annex A.

Projektleder: Per Velk

45.060.20

Slæbemateriel

Trailing stock

Offentliggjorte forslag

DSF/prEN 15877-2

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 15877-2

Jernbaner – Mærkning af jernbanekøretøjer – Del 2: Udvendig mærkning på passagervogne, motorvogne, lokomotiver og skinnearbejdskøretøjer

This document specifies the external markings on heavy rail vehicles including heavy rail railbound construction and maintenance machines but except freight wagons relating to their technical and operational characteristics.

This document specifies the characteristics of these markings, the requirements pertaining to their presentation, their

shape and position on a rail vehicle and their meaning.

Some markings are accompanied with note(s) where appropriate.

Service markings relating to passenger information are not addressed by this document.

The document is applicable to all heavy rail coaches, motive power units, locomotives and railbound construction and maintenance machines operating within the European Union, the European Free Trade Association Member States and States which are member of OTIF (Intergovernmental Organisation for International Carriage by Rail).

Projektleder: Per Velk

45.140

Metro-, sporvogns- og letbaneudstyr

Metro, tram and light rail equipment

Nye Standarder

DS/EN 14750:2024

DKK 1.055,00

Identisk med EN 14750:2024

Jernbaner – Varme-, ventilations- og airconditionanlæg beregnet til rullende materiel: Komfortparametre og typeprøvninger

This document establishes thermal comfort parameters for areas accessible to passengers and staff on railway vehicles.

This document also specifies conditions, performance values and the comfort parameter validation methods.

This document is applicable to urban (metro, tramway), suburban and/or regional vehicles equipped with cooling and/or heating/ventilation systems. This document does not apply to main line vehicles and driver's cabs which are considered in separate Standards.

Projektleder: Per Velk

47.020.20

Skibsmotorer og fremdriftssystemer

Marine engines and propulsion systems

Nye Standarder

DS/CWA 18157:2024

DKK 525,00

Identisk med CWA 18157:2024

Prænormativ plan for anvendelse af H₂ i passagerskibe – Anbefalinger for H₂-passagerskibe fra det tidlige designstadiet

This document provides a set of design and installation recommendations for the arrangement and installation of propulsion systems, using hydrogen as fuel, on passenger ships. No new safety requirements are defined in the CWA, but these recommendations can be used for a risk assessment, leveraging on existing standards (e.g. HAZOP, HAZID, FMECA), to be applicable already from the early design phases and discriminating based on the presence of passengers on board. These recommendations can be useful for a risk assessment (to be carried out in a second stage), but the risk assessment is not the focus of this CWA. The document leverages

on the results of the experiments carried out within the EU e-SHyIPS project. Ultimately the document is expected to benefit the industry also in terms of knowledge sharing and policy makers for the update of relevant documents.

47.020.70

Navigations- og styringsudstyr

Navigation and control equipment

Offentliggjorte forslag

DSF/prEN IEC 62065:2025

Deadline: 2025-03-24

Relation: CLC

Identisk med IEC 62065 ED3

og prEN IEC 62065:2025

Udstyr og systemer til maritim navigation og radiokommunikation – Rutekontrollsystemer – Drifts- og ydeevnekrav, prøvningsmetoder og krævede prøvningsresultater

This document specifies the minimum operational and performance requirements, methods of testing and required test results conforming to performance standards adopted by the IMO in resolution MSC.74(69) Annex 2 Recommendation on Performance Standards for Track Control Systems. In addition, it takes into account IMO resolution A.694(17) to which IEC 60945 is associated. It also takes into account IMO resolution MSC.302(87) on bridge alert management (BAM), to which IEC 62923-1 and IEC 62923-2 are associated.

All text of this document that is identical to that in IMO resolution MSC.74(69), Annex 2, is printed in italics and the resolution (abbreviated to – A2) and paragraph numbers are indicated in brackets i.e. (A2/3.3).

Projektleder: Per Velk

47.020.99

Andre standarder vedrørende skibsbygning og marine konstruktioner

Other standards related to shipbuilding and marine structures

Offentliggjorte forslag

DSF/ISO/DIS 6319

Deadline: 2025-03-28

Relation: ISO

Identisk med ISO/DIS 6319

Skibs- og marineteknologi – Beskyttelse af havmiljø – Udførelse og dokumentation af rengøring til bekæmpelse af marin begroning under vandlinjen

This document provides best practices for planning and conducting in-water cleaning (IWC) operations safely, efficiently and in an environmentally sound manner. Additionally, this document provides best practices for reporting on the effectiveness of IWC operations.

This document addresses all forms of IWC of external submerged surfaces, which are hull and niche areas, all types and levels of biofouling, which means biofilms, microfouling and macrofouling, conducted both with and without capture. It does not address internal piping.

The document has been established to inform ports, regulatory agencies, ship

biofouling IWC service providers, inspection service providers, IWC equipment manufacturers, coating manufacturers, ship owners, ship managers, ship operators and other relevant stakeholders.

Projektleder: Per Velk

49.025.10

Stål

Steels

Nye Standarder

DS/EN 2213:2024

DKK 270,00

Identisk med EN 2213:2024

Flymateriel

This document specifies the requirements relating to:

Steel 15CrMoV6 (1.7334)

Air melted

Hardened and tempered

Bars

De ≤ 16 mm

980 MPa ≤ Rm ≤ 1 180 MPa for aerospace applications.

W.nr: 1.7334.

ASD-STAN designation: FE-PL1505.

Projektleder: Pernille Rasmussen

DS/EN 2252:2024

DKK 270,00

Identisk med EN 2252:2024

Flymateriel

This document specifies the requirements relating to:

Steel 15CrMoV6 (1.7334)

Forgings

De ≤ 100 mm

1 080 MPa ≤ Rm ≤ 1 250 MPa for aerospace applications.

W.nr: 1.7334.

ASD-STAN designation: FE-PL1505.

Projektleder: Pernille Rasmussen

DS/EN 3480:2024

DKK 270,00

Identisk med EN 3480:2024

Flymateriel

This document specifies the requirements relating to:

Steel X6CrNiTi18-10 (1.4541)

Air melted

Softened

Plates

6 mm < a ≤ 50 mm

500 MPa ≤ Rm ≤ 700 MPa for aerospace applications.

W.nr: 1.4541.

ASD-STAN designation: FE-PA3601.

Projektleder: Pernille Rasmussen

DS/EN 3523:2024

DKK 270,00

Identisk med EN 3523:2024

Flymateriel

This document specifies the requirements relating to:

Steel 15CrMoV6 (1.7334)

Air melted

Hardened and tempered

Bars for machining

De ≤ 100 mm

1 080 MPa ≤ Rm ≤ 1 250 MPa for aerospace applications.

W.nr: 1.7334.

ASD-STAN designation: FE-PL1505.

Projektleder: Pernille Rasmussen

49.060**Elektrisk udstyr og systemer til luftfartøjer**

Aerospace electric equipment and systems

Nye Standarder**DS/EN 2714-014:2024**

DKK 355,00

Identisk med EN 2714-014:2024

Flymateriel

This document specifies the characteristics of UV laser printable DR family, 1 to 11 cores, taped, screened (braided) and jacketed electrical lightweight cables for use in the on-board electrical systems of aircraft, at operating temperatures between -55 °C and 260 °C. Nevertheless, if needed, -65 °C is also acceptable as shown by cold test.

It is possible to mark these cables by qualified compatible marking, in line with EN 3838.

Projektleder: Pernille Rasmussen

DS/EN 3475-606:2024

DKK 270,00

Identisk med EN 3475-606:2024

Flymateriel

This document specifies the test methods to evaluate the wicking of wire and cable insulated with textile braid.

It is intended to be used together with EN 3475-100.

Projektleder: Pernille Rasmussen

DS/EN 3661-001:2024

DKK 470,00

Identisk med EN 3661-001:2024

Flymateriel

This document specifies the single-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100.

These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all parts).

Projektleder: Pernille Rasmussen

DS/EN 3662-001:2024

DKK 470,00

Identisk med EN 3662-001:2024

Flymateriel

This document specifies the three-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100.

These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

Projektleder: Pernille Rasmussen

DS/EN 3773-001:2024

DKK 440,00

Identisk med EN 3773-001:2024

Flymateriel

This document specifies the single-pole temperature compensated circuit breakers rated from 1 A to 25 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100.

These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

Projektleder: Pernille Rasmussen

DS/EN 3774-001:2024

DKK 440,00

Identisk med EN 3774-001:2024

Flymateriel

This document specifies the three-pole temperature compensated circuit breakers, rated from 1 A to 25 A used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100.

These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

Projektleder: Pernille Rasmussen

DS/EN 4681-002:2024

DKK 320,00

Identisk med EN 4681-002:2024

Flymateriel

This document specifies the list of product standards and common characteristics of electrical cables for general purpose with conductors in aluminium or copper-clad aluminium, intended for installation in aircraft electrical systems.

Projektleder: Pernille Rasmussen

DS/EN 4681-003:2024

DKK 355,00

Identisk med EN 4681-003:2024

Flymateriel

This document specifies the characteristics of UV laser printable electrical lightweight wires AD family for use in the on-board 115 V (phase to neutral) or 200 V (phase to phase) AC, 28 VDC electrical systems of aircraft at operating temperatures between -65 °C and 180 °C. These cab-

les are demonstrated to be arc resistant in sizes AWG 24 to 14 (115 VDC/200 VDC).

In addition, these cables can be suitable for use at 230 VAC/400 VAC in pressurized zones only when installed to take account of possible short circuit effects.

Other electrical system configurations are the responsibility of the users.

It is also possible to mark these cables by qualified compatible marking which satisfies the requirements of EN 3838:2022.

Projektleder: Pernille Rasmussen

DS/EN 4681-004:2024

DKK 355,00

Identisk med EN 4681-004:2024

Flymateriel

This document specifies the characteristics of UV laser printable electrical lightweight wires ADA family for use in the on-board 115 V (phase to neutral) or 200 V (phase-to-phase) AC, 28 VDC electrical systems of aircraft at operating temperatures between -65 °C and 180 °C. These cables are demonstrated to be arc resistant in sizes AWG 26 to 14 (115 VAC/200 VAC).

In addition, these cables can be suitable for use at 230 VAC/400 VAC in pressurized zones only when installed to take account of possible short circuit effects.

Other electrical system configurations are the responsibility of the users.

It is also possible to mark these cables by qualified compatible marking which satisfies the requirements of EN 3838:2022.

Projektleder: Pernille Rasmussen

DS/EN 6059-505:2024

DKK 270,00

Identisk med EN 6059-505:2024

Flymateriel

This document specifies a method to measure the ability of a protective sleeve to withstand specified severities of simulated lightning strikes.

Projektleder: Pernille Rasmussen

49.100**Udstyr til service og vedligeholdelse på landjorden**

Ground service and maintenance equipment

Offentliggjorte forslag**DSF/ISO/DIS 1825****Deadline: 2025-03-29**

Relation: ISO

Identisk med ISO/DIS 1825

Slanger og slangekoblinger af gummi til påfyldning og tømning af flybrændstof – Specifikation

ISO 1825:2017 specifies the dimensions and construction of, and requirements for, four types of hose and hose assembly for use in all operations associated with the ground fuelling and defuelling of aircraft. All four types are designed for:

- use with petroleum fuels having an aromatic-hydrocarbon content not exceeding 30 % by volume;
- operation within the temperature range of -30 °C to +65 °C and such that they will be undamaged by climatic conditions of

-40 °C to +70 °C when stored in static conditions;

c) operation at up to 2,0 MPa (20 bar) maximum working pressure, including surges of pressure which the hose can be subjected to in service.

NOTE 1 – Type C hoses are intended for general pressure applications on all vehicles used for plane fuelling. They can also be used for vehicle/rail car loading and discharge where excessive vacuum does not occur.

NOTE 2 – Type F hoses can be used for plane delivery applications on vehicles that are also used for defuelling at high flow rates where type C hoses are not suitable.

NOTE 3 – Type E and F hoses can also be used for vehicle/rail car loading and discharge, for trailer to fueller transfer and for elevation platform supply (riser) to provide greater kink resistance.

53.020.20

Kraner

Cranes

Offentliggjorte forslag

DSF/prEN 13001-3-6

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 13001-3-6

Kraner – Generel konstruktion – Del 3-6: Grænsetilstande og sikkerhedsdokumentation for maskiner – Hydrauliske cylindre

This document is to be used together with the other generic parts of the EN 13001 series of standards, see Annex E, as well as pertinent crane type product EN standards, and as such they specify general conditions, requirements and methods to, by design and theoretical verification, prevent mechanical hazards of hydraulic cylinders that are part of the load carrying structures of cranes. Hydraulic piping, hoses and connectors used with the cylinders are not within the scope of this document, as well as cylinders made from other material than carbon steel.

NOTE 1 – Specific requirements for particular crane types are given in the appropriate European product standards, see Annex E.

The significant hazardous situations and hazardous events that could result in risks to persons during intended use are identified in Annex F. Clauses 4 to 7 of this document provide requirements and methods to reduce or eliminate these risks:

a) exceeding the limits of strength (yield, ultimate, fatigue);

b) elastic instability (column buckling).

NOTE 2 – EN 13001-3-6 deals only with the limit state method in accordance with EN 13001-1.

Projektleder: Merete Westergaard Bennick

53.020.99

Andet løfteudstyr

Other lifting equipment

Offentliggjorte forslag

DSF/prEN 1570-2

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 1570-2

Sikkerhedskrav til løfteplatforme – Del 2: Løfteplatforme, der betjener flere end to faste afsatser i en bygning, til godshåndtering med en lodret kørehastighed, der ikke overstiger 0,15 m / s

1.1 This document specifies the safety requirements for lifting tables which fulfil the following characteristics:

- serving more than 2 fixed landings, and
- having a vertical travel speed of no more than 0,15 m/s, unless safe by position, and
- raising or lowering goods and not person(s), and
- only accessible to persons during the loading/unloading phases, and
- permanently installed.

1.2 This document does not apply to the following equipment:

- permanently installed lifting tables, serving specific levels of a construction, with a vertical travel speed exceeding 0,15 m/s (EN 81-31);
- lifting tables serving not more than two fixed landings of a construction (EN 1570-1);
- lifting tables, serving more than 2 fixed landings of a construction for lifting operators, with a vertical travel speed not exceeding 0,15 m/s;
- lifting tables carrying operators and installed in enclosures with a vertical travel speed not exceeding 0,15 m/s;
- lifting tables used on ships;
- lifting tables designed for artists and stage set features during artistic performances.

1.3 This document does not consider the additional requirements for:

- electromagnetic compatibility;
- operation in severe conditions (e.g. strong magnetic fields);
- operation subject to special rules (e.g. potentially explosive atmospheres, mines);
- handling of loads, the nature of which could lead to dangerous situations (e.g. molten metal, acids, radiating materials, particularly brittle loads, loose loads (gravel, tubes));
- hazards occurring during construction, transportation, and disposal;
- equipment installed on the load platform or the replacing or maintaining of it;
- integration into broader systems or other machines, etc.;
- cable-less controls, i.e. wireless;
- lifting tables where the hydraulic pressure is derived directly from gas pressure;
- lifting tables powered by internal combustion engines.

This document is not applicable to lifting tables manufactured before the date of its publication.

Projektleder: Søren Nielsen

53.040.10

Transportører

Conveyors

Offentliggjorte forslag

DSF/prEN ISO 21182

Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 21182

og prEN ISO 21182

Lette transportbånd – Bestemmelse af friktionskoefficienten

ISO 21182:2013 specifies test methods for determining the dynamic and static coefficients of friction for light conveyor belts according to ISO 21183-1.

Projektleder: Pernille Rasmussen

53.040.20

Komponenter til transportører

Components for conveyors

Offentliggjorte forslag

DSF/ISO/DIS 15236-3

Deadline: 2025-03-14

Relation: ISO

Identisk med ISO/DIS 15236-3

Transportbånd med stålwire – Del 3: Særlige sikkerhedskrav til bånd til brug i underjordiske installationer

ISO 15236-3:2017 specifies the performance and constructional requirements applicable to conveyor belts for underground mining having steel cords in the longitudinal direction as reinforcement. The requirements for design and construction apply to the design of single belts, as well as the design of complete type series such as those covered in ISO 15236-2.

Steel cord belts in accordance with this document are intended for use underground in coal mines and in other applications where the highest demands for safety against fire and explosion hazards have to be complied with.

NOTE – At present, the requirements can only be met by the use of compounds based on chloroprene rubber for the covers, as well as for the bonding rubber.

DSF/prEN ISO 15236-3

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 15236-3

og prEN ISO 15236-3

Transportbånd med stålwire – Del 3: Særlige sikkerhedskrav til bånd til brug i underjordiske installationer

ISO 15236-3:2017 specifies the performance and constructional requirements applicable to conveyor belts for underground mining having steel cords in the longitudinal direction as reinforcement. The requirements for design and construction apply to the design of single belts, as well as the design of complete type series such as those covered in ISO 15236-2.

Steel cord belts in accordance with this document are intended for use underground in coal mines and in other applications where the highest demands for safety

against fire and explosion hazards have to be complied with.

NOTE – At present, the requirements can only be met by the use of compounds based on chloroprene rubber for the covers, as well as for the bonding rubber.

Projektleder: Pernille Rasmussen

DSF/prEN ISO 21180 Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 21180
og prEN ISO 21180

Lette transportbånd – Bestemmelse af den maksimale trækstyrke

This International Standard specifies a test method for the determination of the maximum tensile strength of light conveyor belts, according to ISO 21183-1, or of other conveyor belts where ISO 283 is not applicable.

Projektleder: Pernille Rasmussen

53.100

Jordflytningsmaskiner

Earth-moving machinery

Offentliggjorte forslag

DSF/ISO/DIS 18758 Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 18758

Maskiner til minedrift og jordflytning – Boreplatforme til klippeboring og forstærkning af klipper – Sikkerhedskrav

This document specifies the safety requirements for rock drill rigs and rock reinforcement rigs designed for the following underground or surface operations:

- blast hole drilling;
- rock reinforcement;
- drilling for secondary breaking;
- dimensional stone drilling;
- mineral prospecting, e.g. utilizing core drilling or reverse circulation;
- water and methane drainage drilling;
- raise boring.

NOTE – Rigs can be designed for more than one of the operations above. See ISO 18758-1 for vocabulary.

This document is also applicable to earth-moving machinery as defined in ISO 6165, modified to become a rock drill rig or rock reinforcement rig.

This document is not applicable to the following machines: drill rigs for soil and rock mixture; (geothermal drill rigs, water well drill rigs, water jet drill rigs, micro pile drill rigs; surface horizontal directional drill rigs (HDD) as defined in ISO 21467), kelly drill rigs (and casing drivers); cable tool drill rigs; pre-armouring machines; sonic drill rigs; shaft sinking drill rigs; crane attached drill rigs; drill rigs on derricks; scaling machines.

This document deals with the significant hazards, hazardous situations or hazardous events, as listed in Annex E, relevant to rock drill rigs and rock reinforcement rigs (see ISO 18758-1), when they are used as intended and under the

conditions of misuse which are reasonably foreseeable by the manufacturer.

This document is not applicable to rigs manufactured before the date of its publication.

59.080.70

Geotextiler

Geotextiles

Nye Standarder

DS/EN ISO 12957-2:2024

DKK 440,00

Identisk med ISO 12957-2:2024

og EN ISO 12957-2:2024

Geosyntetiske produkter – Bestemmelse af friktionskarakteristika – Del 2: Skråplansprøvning

This document specifies a method to determine the friction characteristics of geosynthetics (geotextiles and geotextile-related products, geosynthetic barriers) in contact with soils or another geosynthetic, at low normal stress, using an inclining plane apparatus.

This test method is primarily intended as a performance test to be used with site specific soils but is also used as an index test with standard sand. It is also possible to measure the displacement of the interface over time (creep phenomenon) without necessarily reaching the slippage failure.

Test data obtained for geogrids tested with a rigid support are not necessarily realistic as the results depend on the friction support.

Projektleder: Helle Harms

DS/ISO 12957-2:2024

DKK 355,00

Identisk med ISO 12957-2:2024

Geosyntetiske produkter – Bestemmelse af friktionskarakteristika – Del 2: Skråplansprøvning

This document specifies a method to determine the friction characteristics of geosynthetics (geotextiles and geotextile-related products, geosynthetic barriers) in contact with soils or another geosynthetic, at low normal stress, using an inclining plane apparatus.

This test method is primarily intended as a performance test to be used with site specific soils but is also used as an index test with standard sand. It is also possible to measure the displacement of the interface over time (creep phenomenon) without necessarily reaching the slippage failure.

Test data obtained for geogrids tested with a rigid support are not necessarily realistic as the results depend on the friction support.

Projektleder: Helle Harms

59.140.20

Uberedte/beredte skind og huder

Raw skins, hides and pelts

Offentliggjorte forslag

DSF/prEN 16055

Deadline: 2025-03-31

Relation: CEN

Identisk med prEN 16055

Læder – Rå huder og skind af hornkvæg – Beskrivelse, præsentation og konservering

This document specifies the following for raw bovine hides and skins intended for use throughout the leather manufacturing supply chain:

- Terms and definitions;

- Rules for the presentation of raw hides and skins.

It applies to fresh and salted bovine hides and skins.

It is not the aim of this document to interfere with the normal commercial agreement between the buyer and the supplier of hides and skins, on the contrary, it should be able to be used as a basis. This document is intended to avoid disagreements between parties. It is the result of discussions with representatives of agriculture, slaughterhouses, skin trade and tanneries. It shows which parts of hides and skins can be used for leather production and which factors influence the quality of hides and skins.

Furthermore, it gives recommendations on precautions to be taken for transport, preservation, loading and unloading, selection of tanned hides, classification of hides, weight, loss and tax exemption, identification of hides.

Projektleder: Mette Juul Sandager

59.140.30

Læder og pelse

Leather and furs

Offentliggjorte forslag

DSF/ISO/DIS 17232

Deadline: 2025-03-08

Relation: ISO

Identisk med ISO/DIS 17232

Læder – Fysisk og mekanisk prøvning – Bestemmelse af laklæders varmebestandighed

ISO 17232:2017 specifies two methods for determining the heat resistance of patent leather.

Method A makes use of a modified lastometer, while Method B uses the "Zwick" apparatus. Both methods are applicable to patent leathers for all end uses.

DSF/ISO/DIS 3377-2
Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 3377-2

Læder – Fysiske og mekaniske prøvninger – Bestemmelse af rivstyrke – Del 2: Rivning fra to sider

ISO 3377-2:2016 specifies a method for determining the tear strength of leather using a double edged tear. The method is sometimes described as the Baumann tear. It is applicable to all types of leather.

DSF/ISO/DIS 5403-1
Deadline: 2025-03-08

Relation: ISO

Identisk med ISO/DIS 5403-1

Læder – Bestemmelse af fleksibelt læders vandbestandighed – Del 1: Penetrometermåling

ISO 5403-1:2011 specifies a method for determining the dynamic water resistance of leather by means of repeated linear compression. It is applicable to all flexible leathers but is particularly suitable for leathers intended for footwear applications.

DSF/prEN 14906
Deadline: 2025-03-31

Relation: CEN

Identisk med prEN 14906

Læder – Læder til biler – Prøvningsmetoder og -parametre

This document gives guidelines to select the test methods to assess the performance of leather for automotive. This document also specifies the sampling and conditioning procedures of specimens.

NOTE – Regulations on chemical substances in consumer goods might differ from country to country requiring for any given market a special attention to restricted substances.

Projektleder: Mette Juul Sandager

DSF/prEN ISO 17232
Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 17232

og prEN ISO 17232

Læder – Fysisk og mekanisk prøvning – Bestemmelse af laklæders varmebestandighed

ISO 17232:2017 specifies two methods for determining the heat resistance of patent leather.

Method A makes use of a modified lastometer, while Method B uses the "Zwik" apparatus. Both methods are applicable to patent leathers for all end uses.

Projektleder: Mette Juul Sandager

DSF/prEN ISO 2417
Deadline: 2025-03-05

Relation: CEN

Identisk med ISO/DIS 2417

og prEN ISO 2417

Læder – Fysiske og mekaniske prøvninger – Bestemmelse af statisk vandabsorption

ISO 2417:2016 specifies a method for determining the water absorption of leather under static conditions. The met-

hod is applicable to all leather, particularly heavy leather.

Projektleder: Mette Juul Sandager

DSF/prEN ISO 3377-2
Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 3377-2

og prEN ISO 3377-2

Læder – Fysiske og mekaniske prøvninger – Bestemmelse af rivstyrke – Del 2: Rivning fra to sider

ISO 3377-2:2016 specifies a method for determining the tear strength of leather using a double edged tear. The method is sometimes described as the Baumann tear. It is applicable to all types of leather.

Projektleder: Mette Juul Sandager

DSF/prEN ISO 5403-1
Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 5403-1

og prEN ISO 5403-1

Læder – Bestemmelse af fleksibelt læders vandtæthed – Del 1: Penetrometermåling

ISO 5403-1:2011 specifies a method for determining the dynamic water resistance of leather by means of repeated linear compression. It is applicable to all flexible leathers but is particularly suitable for leathers intended for footwear applications.

Projektleder: Mette Juul Sandager

61.060
Fodtøj

Footwear

Offentliggjorte forslag

DSF/ISO/DIS 5403-1
Deadline: 2025-03-08

Relation: ISO

Identisk med ISO/DIS 5403-1

Læder – Bestemmelse af fleksibelt læders vandbestandighed – Del 1: Penetrometermåling

ISO 5403-1:2011 specifies a method for determining the dynamic water resistance of leather by means of repeated linear compression. It is applicable to all flexible leathers but is particularly suitable for leathers intended for footwear applications.

DSF/prEN ISO 5403-1
Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 5403-1

og prEN ISO 5403-1

Læder – Bestemmelse af fleksibelt læders vandtæthed – Del 1: Penetrometermåling

ISO 5403-1:2011 specifies a method for determining the dynamic water resistance of leather by means of repeated linear compression. It is applicable to all flexible leathers but is particularly suitable for leathers intended for footwear applications.

Projektleder: Mette Juul Sandager

65.020.30

Husdyravl og -opdræt * Herunder hygiejnekontrol * Veterinærmedicin se 11.220

Animal husbandry and breeding

Nye Standarder

DS/ISO 11784:2024

DKK 440,00

Identisk med ISO 11784:2024

Identifikation af husdyr ved hjælp af RFID-udstyr – Kodestruktur

This document specifies the structure of the radio-frequency (RF) identification code for animals.

Projektleder: Søren Nielsen

65.060.10

Landbrugstraktorer og landbrugsvogne

Agricultural tractors and trailed vehicles

Offentliggjorte forslag

DSF/ISO 22471:2020/DAmD 1
Deadline: 2025-03-17

Relation: ISO

Identisk med ISO 22471:2020/DAmD 1

Tilladelige mekaniske forbindelses-kombinationer mellem trukne og træk-kende landbrugskøretøjer

This document provides a list of the recommended mechanical connection combination standards for towing and towed agricultural vehicles.

Projektleder: Søren Nielsen

DSF/ISO/DIS 11471
Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 11471

Landbrugstraktorer og -maskiner – Mærkning af fjernstyrede hydrauliske energiforsyninger og -styringer

Specifies the coding to be used to identify the couplings and controls for the remote hydraulic power services of agricultural tractors, machinery and implements.

Projektleder: Søren Nielsen

DSF/ISO/DIS 20383
Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 20383

Traktorer og maskiner til landbrug og skovbrug – Tempomærker (SIS)

ISO 20383:2017 specifies the dimensions, characteristics, and positioning of Speed Identification Signs (SIS). These signs indicate the maximum equipment ground speed, based on the ground speed design capability, for an agricultural vehicle.

A rear-facing SIS is visible to other operators on public roads approaching the equipment from behind. A forward-facing SIS, mounted on the front of towed equipment, alerts operators of the towing vehicle of the maximum specified ground speed capabilities at which the equipment combination can be operated.

ISO 20383:2017 is applicable to self-propelled, semi-integral and towed equipment moving on public roads.

Projektleder: Søren Nielsen

65.060.40

Udstyr til plantepleje

Plant care equipment

Offentliggjorte forslag

DSF/ISO/DIS 22368-1

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 22368-1

Plantebeskyttelsesudstyr – Prøvningsmetoder til evaluering af rengøringsystemer – Del 1: Indvendig rengøring af sprøjter

This part of ISO 22368 specify test method for determining the performance of the rinsing systems on sprayers used in crop protection for the internal cleaning of the complete sprayer including the tank (ISO22368-1), and tank only (ISO22368-3). These are applicable to mounted, trailed and self-propelled agricultural sprayers used for crop protection and liquid fertilizer applications. These are not applicable to sprayers with direct injection systems.

Projektleder: Søren Nielsen

65.060.70

Gartneriudstyr

Horticultural equipment

Nye Standarder

DS/EN 13684:2018+A1:2024

DKK 810,00

Identisk med EN 13684:2018+A1:2024

Havebrugsmaskiner – Plæneluftere og -kultivatorer betjent af gående personer – Sikkerhed

This European Standard specifies safety requirements and their verification for the design and construction of pedestrian controlled internal combustion engine powered lawn aerators and scarifiers which are designed for re-generating lawns by, for instance, combing out grass, thatch and moss or cutting vertically into the lawn face using tines which rotate about a horizontal axis. It describes methods of elimination or reduction of hazards arising from their use. In addition, it specifies the type of information to be provided by the manufacturer on safe working practices.

Throughout this document, the term "machine" applies to those machines known as aerators, scarifiers, corers, lawn rakes or grass rakes.

It does not apply to:

- aerators/scarifiers made from a machine falling within the scope of EN 709:1997+A4:2009 when fitted with an aerating/scarifying implement;
- non-powered aerators;
- vertical axis aerators; or
- those aerators which cut into the soil by means of a reciprocating motion or by water pressure.

It deals with all significant hazards, hazardous situations and events relevant

to scarifiers and aerators, when they are used as intended and under the conditions foreseeable by the manufacturer (see Clause 4). Environmental hazards have not been considered in this document.

This document is not applicable to aerators/scarifiers which are manufactured before the date of its publication.

Projektleder: Søren Nielsen

65.080

Gødning

Fertilizers

Nye Standarder

DS/EN 1482-1:2024

DKK 747,00

Identisk med EN 1482-1:2024

Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 1: Generelle bestemmelser for prøvetagning

This document specifies sampling plans and methods of representative sampling of inorganic fertilizers, liming materials and inhibitors for physical and chemical analysis, from packages and containers up to and including 1 000 kg, in liquid and solid form. This document covers sampling of products in bulk only while in motion.

NOTE 1 – The sampling of bulk heaps of specified types of fertilizers is covered in prEN 1482 3. Sampling for detection of microbial presence is covered by prEN 1482 4.

NOTE 2 – The term product is used throughout the body of this document and is understood to include inorganic fertilizers, liming materials and inhibitors unless otherwise indicated.

It is applicable to the sampling of batches of fertilizer, liming material and inhibitors supplied or ready for supply to third parties, as such, or in smaller batches, each of which would be subject to local, national or regional legislation.

This document does not cover complete, statistical sampling plans.

This document is also applicable to the blends of products where inorganic fertilizers, liming materials, or inhibitors are the main part of the blend in quantity. If fertilizers, liming materials, or inhibitors are not the main part of the blend, the European Standard for the main part of the blend applies. In case a blend of fertilizing products is composed of parts in equal quantity, the user decides which standard to apply. Special care is needed to ensure that the blend is/stays homogeneous and well mixed when sampled.

NOTE 3 – It is the responsibility of manufacturers, importers and sellers, however, to ensure they supply a product that complies with its label declaration at the moment of delivery and fulfils the expectations of the end user at the moment of application.

Projektleder: Pernille Rasmussen

DS/EN 1482-2:2024

DKK 320,00

Identisk med EN 1482-2:2024

Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 2: Generelle bestemmelser for prøveforberedelse

This document specifies methods for the reduction and preparation of samples of fertilizers, liming materials, inhibitors and blends and sets out the requirements for sample preparation reports. It also specifies methods for the preparation of test samples and test portions from laboratory samples of fertilizer for subsequent chemical or physical analysis. It does not cover the preparation of samples for certain physical tests which require test portions of more than 2 kg.

NOTE 1 – The term "fertilizer" is used throughout the body of this document and is understood to include liming materials and inhibitors unless otherwise indicated.

NOTE 2 – In relation to the procedures set out in this part of the standard any special procedures specific to a particular test method will be set out in that method standard.

Projektleder: Pernille Rasmussen

DS/EN 1482-3:2024

DKK 355,00

Identisk med EN 1482-3:2024

Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 3: Prøvetagning fra statiske bunker

This document is applicable to the sampling of the following solid inorganic fertilizers and liming materials supplied or ready for supply, and stored in static heaps:

- Single nutrient fertilizers,
- Uniform complex fertilizers,
- Milled, granulated or dredged liming materials,
- Any other materials deemed suitable for sampling by the method described in this part of the standard, for the purpose of testing for compliance with legal requirements and other descriptions and declarations.

NOTE 1 – The term "fertilizer" is used throughout the body of this document and includes liming materials and inhibitors unless otherwise indicated.

NOTE 2 – Manufacturers, importers and sellers might choose to use this method to obtain samples of other products or blends as well as long as both parties to a transaction agree. The build-up of a static heap often leads to granulometric segregation, which makes the collection of a truly representative sample unlikely.

NOTE 3 – It is the responsibility of manufacturers, importers and sellers, however, to ensure they supply a product that complies with its label declaration at the moment of delivery and fulfils the expectations of the end user at the moment of application.

Projektleder: Pernille Rasmussen

67.040

Levnedsmidler. Generelt

Food products in general

Nye Standarder

DS/EN IEC 63169:2020/A1:2025

DKK 470,00

Identisk med IEC 63169:2020/
AMD1:2024 ED1

og EN IEC 63169:2020/A1:2025

Elektriske køle- og fryseapparater til husholdnings- og lignende brug – Opbevaring af fødevarer

IEC 63169:2020 deals with a test to simulate the weight loss of leafy produce, given certain conditions of temperature, humidity and air movement in one or more test zones. The test can only be applied to spaces larger than 200 mm × 150 mm × 100 mm (L × W × H).

The aim of the test is to measure the weight loss rate by measuring the weight of a test tray prior to the test and after a given duration.

Weight loss is one of the considerations for shelf life of produce. Other considerations such as condensation will be addressed in future amendments.

Projektleder: Pernille Annette Henriksen

67.060

Kornprodukter, bælgfrugter og afledte produkter

Cereals, pulses and derived products

Nye Standarder

DS/EN ISO 17715:2025

DKK 470,00

Identisk med ISO 17715:2025

og EN ISO 17715:2025

Mel af hvede (Triticum aestivum L.) – Amperometrisk metode til bestemmelse af beskadigelse af stivelse

This document specifies an amperometric method to determine the content of damaged starch in flour.

It is applicable to all flour samples from the industrial or laboratory milling of wheat (Triticum aestivum L.).

NOTE 1 Wheat can be milled in the laboratory in accordance with the methods described in ISO 27971[9] or in the BIPEA guidance document BY.102.D[10].

NOTE 2 In the absence of validity studies, the results on semi-wholemeal or wholemeal flour, although able to meet the conditions of repeatability given in Clause 9, require careful interpretation.

Projektleder: Pernille Rasmussen

DS/EN ISO 5530-1:2025

DKK 747,00

Identisk med ISO 5530-1:2025

og EN ISO 5530-1:2025

Hvedemel – Fysiske karakteristika for dej – Del 1: Bestemmelse af vandabsorption og reologiske egenskaber ved hjælp af en farinograf

This document specifies a method using a farinograph for the determination of the water absorption of flours and the mixing behaviour of doughs made from them by a

constant flour mass procedure or by a constant dough mass procedure.

The method is applicable to experimental and commercial flours from wheat (Triticum aestivum L.).

NOTE This document is related to ICC 115/1[5] and AACC Method 54-21.02[6].

Projektleder: Pernille Rasmussen

DS/EN ISO 5530-2:2025

DKK 810,00

Identisk med ISO 5530-2:2025

og EN ISO 5530-2:2025

Hvedemel – Fysiske karakteristika for dej – Del 2: Bestemmelse af reologiske egenskaber ved hjælp af en ekstensograf

This document specifies a method using an extensograph for the determination of the rheological properties of wheat flour doughs in an extension test. The recorded load–extension curve is used to assess the general quality of flour and its response to improving agents.

The method is applicable to experimental and commercial flours from wheat (Triticum aestivum L.).

NOTE 1 This document is related to ICC 114[5] and AACC Method 54-10[6].

NOTE 2 For dough preparation, a farinograph is used (see 6.2)

Projektleder: Pernille Rasmussen

DS/ISO 17715:2025

DKK 470,00

Identisk med ISO 17715:2025

Mel af hvede (Triticum aestivum L.) – Amperometrisk metode til bestemmelse af beskadigelse af stivelse

This document specifies an amperometric method to determine the content of damaged starch in flour.

It is applicable to all flour samples from the industrial or laboratory milling of wheat (Triticum aestivum L.).

NOTE 1 Wheat can be milled in the laboratory in accordance with the methods described in ISO 27971[9] or in the BIPEA guidance document BY.102.D[10].

NOTE 2 In the absence of validity studies, the results on semi-wholemeal or wholemeal flour, although able to meet the conditions of repeatability given in Clause 9, require careful interpretation.

DS/ISO 5530-1:2025

DKK 665,00

Identisk med ISO 5530-1:2025

Hvedemel – Fysiske karakteristika for dej – Del 1: Bestemmelse af vandabsorption og reologiske egenskaber ved hjælp af en farinograf

This document specifies a method using a farinograph for the determination of the water absorption of flours and the mixing behaviour of doughs made from them by a constant flour mass procedure or by a constant dough mass procedure.

The method is applicable to experimental and commercial flours from wheat (Triticum aestivum L.).

NOTE This document is related to ICC 115/1[5] and AACC Method 54-21.02[6].

DS/ISO 5530-2:2025

DKK 810,00

Identisk med ISO 5530-2:2025

Hvedemel – Fysiske karakteristika for dej – Del 2: Bestemmelse af reologiske egenskaber ved hjælp af en ekstensograf

This document specifies a method using an extensograph for the determination of the rheological properties of wheat flour doughs in an extension test. The recorded load–extension curve is used to assess the general quality of flour and its response to improving agents.

The method is applicable to experimental and commercial flours from wheat (Triticum aestivum L.).

NOTE 1 This document is related to ICC 114[5] and AACC Method 54-10[6].

NOTE 2 For dough preparation, a farinograph is used (see 6.2)

67.120.10

Kød og kødprodukter

Meat and meat products

Nye Standarder

DS/EN 18033:2024

DKK 355,00

Identisk med EN 18033:2024

Fødevaraautenticitet – Kvantitering af heste-DNA i forhold til pattedyr-DNA i rått oksekød

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample.

Results of this equine assay are expressed in terms of equine (Equus genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus Equus and therefore detects horse, mule, donkey and zebra DNA.

The method has been previously validated in a collaborative study and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background.

The limit of detection has been determined experimentally to be at least 17 horse haploid genome equivalents (HGE) for both the equine PCR and the mammalian PCR based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative study was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background.

The compliance assessment process is not part of this document.

Projektleder: Pernille Rasmussen

67.200.10**Animalske og vegetabiliske fedtstoffer og olier**

Animal and vegetable fats and oils

Nye Standarder**DS/EN 14538:2025**

DKK 320,00

Identisk med EN 14538:2025

Fedt- og oliederivater – Fedtsyremethyl-ester (FAME) – Bestemmelse af Ca-, Mg-, Na- K- og P-indhold ved optisk spektralemissionsanalyse med induktivt koblet plasma (ICP OES)

This document specifies a procedure for the direct determination of the content of the soap building elements Calcium (Ca), Magnesium (Mg), Sodium (Na) and Potassium (K) as well as Phosphorus (P) in fatty acid methyl esters (FAME) by ICP OES.

The concentrations of each component or the combinations of some to which this method is applicable are given in Table 1.

Table 1 – Scope ranges for each element

Element Scope range mg/kg

Ca 0,3 – 5,4

Mg 0,3 – 4,6

Na 0,4 – 5,0

K 0,6 – 5,3

P 1,0 – 5,0

Ca + Mg 0,5 – 9,4

Na + K 1,0 – 9,9

Ca + Mg + Na + K 1,4 – 19,3

WARNING – The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

NOTE – For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction, φ , of a material.

Projektleder: Alexander Mollan Bohn Christiansen

DS/EN ISO 18363-2:2025

DKK 575,00

Identisk med ISO 18363-2:2025

og EN ISO 18363-2:2025

Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af chloropropandiol (MCPD) med fedtsyrebindinger og glycidol ved GC/MS – Del 3: Metode med sur transesterificering og måling af 2-MCPD, 3-MCPD og glycidol

This document specifies a procedure for the parallel determination of glycidol together with 2-MCPD and 3-MCPD present in bound or free form in oils and fats. The method is based on alkaline-catalysed ester cleavage, transformation of the released glycidol into monobromopropanediol (MBPD) and derivatisation of the derived free diols (MCPD and MBPD) with phenylboronic acid (PBA). Though free MCPD and glycidol are supposed to be present in fats and oils in low to negligible quantities only, in the event that free analytes are present, they would contribute proportionately to the results. The results always

being the sum of the free and the bound form of a single analyte.

This method is applicable to solid and liquid fats and oils. This document can also apply to animal fats and used frying oils and fats, but a validation study is undertaken before the analysis of these matrices.

Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this document.

Projektleder: Pernille Rasmussen

DS/EN ISO 3961:2025

DKK 440,00

Identisk med ISO 3961:2024

og EN ISO 3961:2025

Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af jodtal

This document specifies a reference method for the determination of the iodine value (commonly known in the industry as IV) of animal and vegetable fats and oils, hereinafter referred to as fats.

Annex B describes a method for the calculation of the IV from fatty acid compositional data. This method is not applicable to fish oils. Furthermore, cold-pressed, crude and unrefined vegetable oils as well as (partially) hydrogenated oils can give different results by the two methods. The calculated IV is affected by impurities and thermal degradation products.

NOTE The method in Annex B is based upon the AOCS Official method Cd 1c-85[10].

Projektleder: Pernille Rasmussen

DS/ISO 18363-2:2025

DKK 525,00

Identisk med ISO 18363-2:2025

Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af chloropropandiol (MCPD) med fedtsyrebindinger og glycidol ved GC/MS – Del 3: Metode med sur transesterificering og måling af 2-MCPD, 3-MCPD og glycidol

This document specifies a procedure for the parallel determination of glycidol together with 2-MCPD and 3-MCPD present in bound or free form in oils and fats. The method is based on alkaline-catalysed ester cleavage, transformation of the released glycidol into monobromopropanediol (MBPD) and derivatisation of the derived free diols (MCPD and MBPD) with phenylboronic acid (PBA). Though free MCPD and glycidol are supposed to be present in fats and oils in low to negligible quantities only, in the event that free analytes are present, they would contribute proportionately to the results. The results always being the sum of the free and the bound form of a single analyte.

This method is applicable to solid and liquid fats and oils. This document can also apply to animal fats and used frying oils and fats, but a validation study is undertaken before the analysis of these matrices.

Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this document.

Projektleder: Mette Juul Sandager

DS/ISO 3961:2024

DKK 355,00

Identisk med ISO 3961:2024

Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af jodtal

This document specifies a reference method for the determination of the iodine value (commonly known in the industry as IV) of animal and vegetable fats and oils, hereinafter referred to as fats.

Annex B describes a method for the calculation of the IV from fatty acid compositional data. This method is not applicable to fish oils. Furthermore, cold-pressed, crude and unrefined vegetable oils as well as (partially) hydrogenated oils can give different results by the two methods. The calculated IV is affected by impurities and thermal degradation products.

NOTE The method in Annex B is based upon the AOCS Official method Cd 1c-85[10].

Projektleder: Mette Juul Sandager

71.040.20**Laboratorieartikler og tilhørende apparatur**

Laboratory ware and related apparatus

Nye Standarder**DS/EN ISO 8655-7:2022/A1:2024**

DKK 320,00

Identisk med ISO 8655-7:2022/Amd 1:2024

og EN ISO 8655-7:2022/A1:2024

Volumetrisk udstyr med stempelmechanisme – Del 7: Alternative måleprocedurer til bestemmelse af volumen – Tillæg 1

This document specifies alternative measurement procedures for the determination of volume of piston-operated volumetric apparatus.

The procedures are applicable to complete systems comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by delivery process (Ex). Methods described in this document are suitable for various maximum nominal volumes of piston-operated volumetric apparatus. It is the responsibility of the user to select the appropriate method.

Projektleder: Nina Kjar

DS/ISO 8655-7:2022/Amd 1:2024

DKK 270,00

Identisk med ISO 8655-7:2022/Amd 1:2024

Volumetrisk udstyr med stempelmechanisme – Del 7: Alternative måleprocedurer til bestemmelse af volumen – Tillæg 1

This document specifies alternative measurement procedures for the determination of volume of piston-operated volumetric apparatus.

The procedures are applicable to complete systems comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by delivery process (Ex). Methods described in this document are suitable for various maximum nominal volumes of piston-operated volu-

metric apparatus. It is the responsibility of the user to select the appropriate method.

Projektleder: Nina Kjar

71.100.20

Gasser til industriel brug

Gases for industrial application

Nye Standarder

DS/ISO 19880-8:2024

DKK 665,00

Identisk med ISO 19880-8:2024

Gasformig brint – Tankstationer – Del 8: Kvalitetskontrol af brændstof

This document specifies the protocol for ensuring the quality of the gaseous hydrogen at hydrogen distribution facilities and hydrogen fuelling stations for proton exchange membrane (PEM) fuel cells for road vehicles.

Projektleder: Asker Juul Aagren

71.100.30

Sprængstoffer. Pyroteknik og fyrværkeri

Explosives. Pyrotechnics and fireworks

Nye Standarder

DS/ISO 22863-13:2025

DKK 320,00

Identisk med ISO 22863-13:2025

Fyrværkeri – Prøvningsmetoder til bestemmelse af specifikke kemiske stoffer – Del 13: Kvalitativ påvisning af metalelementer i fyrværkerisammensætninger

This document specifies a method for the qualitative detection of reactive elemental metals (e.g. Mg, Al, Be, Mn, Zn, Fe, Co, Ni, Sn) used in compositions of fireworks.

Projektleder: Mette Juul Sandager

71.100.35

Kemikalier til brug ved desinfektion i industrien og private husholdninger

Chemicals for industrial and domestic disinfection purposes

Nye Standarder

DS/EN 1657:2024

DKK 665,00

Identisk med EN 1657:2024

Kemiske desinfektionsmidler og antiseptiske midler – Kvantitativ suspensionsprøvning til vurdering af svampedræbende og gærsvampedræbende effekt af kemiske desinfektionsmidler og antiseptiske midler til anvendelse på veterinærområdet – Prøvningsmetode og krav (fase 2, trin 1)

This document specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or – in the case of ready-to-use-products – with water. Products can only be tested at a concentration of 80 % or less, as some

dilution is always produced by adding the test organisms and interfering substance.

This document applies to products that are used in the veterinary area – i.e. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry into processing industry. This document also applies to products used for teat disinfection.

EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

NOTE 1 – The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used.

NOTE 2 – This method corresponds to a phase 2 step 1 test.

Projektleder: Lærke Høllund

71.100.70

Kosmetik. Toiletartikler

Cosmetics. Toiletries

Nye Standarder

DS/EN ISO 23675:2025

DKK 747,00

Identisk med ISO 23675:2024

og EN ISO 23675:2025

Kosmetik – Metoder til prøvning af solbeskyttelse – In vitro-bestemmelse af solbeskyttelsesfaktor (SPF)

This document specifies a method for the in vitro determination of sun protection factor (SPF). This method is applicable to sunscreen products in form of an emulsion or alcoholic one-phase formulation, excluding in form of a loose or compressed powder or stick. Specifications are given to enable determination of the spectral absorbance characteristics of SPF protection in a reproducible manner.

Use of this method is strictly for the determination of a static sun protection factor. It is not applicable for the determination of water-resistance properties of a sun protection product.

Projektleder: Pernille Rasmussen

DS/EN ISO 23698:2025

DKK 810,00

Identisk med ISO 23698:2024

og EN ISO 23698:2025

Kosmetik – Måling af effektiviteten af solbeskyttelse ved hjælp af diffus reflektansspektroskopi

This document provides a procedure to characterize the sun protection factor (SPF), UVA protection factor (UVA-PF) and critical wavelength (CW) protection of sunscreen products without requiring biological responses. The test method is applicable for emulsions and single-phase products. The method has not been evaluated for use with powder forms sunscreen products.

This document gives specifications to enable determination of the absolute spectral absorbance characteristics of a sunscreen product on skin to estimate sunburn and UVA protection. It is applicable to products that contain any component able to absorb, reflect or scatter ultra-

violet (UV) rays and which are intended to be placed in contact with human skin.

Projektleder: Pernille Rasmussen

DS/ISO 23675:2024

DKK 747,00

Identisk med ISO 23675:2024

Kosmetik – Metoder til prøvning af solbeskyttelse – In vitro-bestemmelse af solbeskyttelsesfaktor (SPF)

This document specifies a method for the in vitro determination of sun protection factor (SPF). This method is applicable to sunscreen products in form of an emulsion or alcoholic one-phase formulation, excluding in form of a loose or compressed powder or stick. Specifications are given to enable determination of the spectral absorbance characteristics of SPF protection in a reproducible manner.

Use of this method is strictly for the determination of a static sun protection factor. It is not applicable for the determination of water-resistance properties of a sun protection product.

Projektleder: Charlotte Vincentz Fischer

DS/ISO 23698:2024

DKK 810,00

Identisk med ISO 23698:2024

Kosmetik – Måling af effektiviteten af solbeskyttelse ved hjælp af diffus reflektansspektroskopi

This document provides a procedure to characterize the sun protection factor (SPF), UVA protection factor (UVA-PF) and critical wavelength (CW) protection of sunscreen products without requiring biological responses. The test method is applicable for emulsions and single-phase products. The method has not been evaluated for use with powder forms sunscreen products.

This document gives specifications to enable determination of the absolute spectral absorbance characteristics of a sunscreen product on skin to estimate sunburn and UVA protection. It is applicable to products that contain any component able to absorb, reflect or scatter ultraviolet (UV) rays and which are intended to be placed in contact with human skin.

Projektleder: Charlotte Vincentz Fischer

71.100.80

Kemikalier til rensning af vand

Chemicals for purification of water

Nye Standarder

DS/EN 17978:2024

DKK 440,00

Identisk med EN 17978:2024

Produkter til behandling af vand beregnet til drikkevand eller svømmebassiner – Glaskugler og glasgranulat

This document is applicable to glass beads and glass granulate intended for treatment of water for human consumption, swimming pool and/or spa water. It solely describes the characteristics of glass beads and glass granulate and specifies the requirements and the corresponding test methods for glass beads and glass granulate.

General information on glass beads and glass granulate and general rules relating to safety is provided in Annex A.

Projektleder: Henryk Stawicki

DS/EN 901:2024

DKK 665,00

Identisk med EN 901:2024

Kemikalier til behandling af vand anvendt som drikkevand – Natriumhypochlorit

This document is applicable to sodium hypochlorite used for treatment of water intended for human consumption. It describes the characteristics of sodium hypochlorite and specifies the requirements and the corresponding test methods for sodium hypochlorite. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of sodium hypochlorite (see Annex B).

NOTE – While this document is not applicable to sodium hypochlorite generated in situ (see bibliographic reference [6]), the limits for impurities and chemical parameters apply.

Projektleder: Henryk Stawicki

73.020

Minedrift og stenbrydning

Mining and quarrying

Nye Standarder

DS/CWA 18153:2024

DKK 810,00

Identisk med CWA 18153:2024

Udnyttelse fra saltvand – Genvinding af mineraler og metaller fra saltvand i anlæg til afsaltning af havvand

According to the European Critical Raw Material Act, the diversification of raw material supply chains is fostered.

The Sea4Value project contributes to the diversification of raw materials sourcing and aims to secure the supply of raw materials from already existing sources. Brines produced in seawater desalination plants are multi-mineral and are an enormous potential source of minerals and metals as 19,744 plants are installed worldwide. By now, these brines are not broadly used for the extraction of (critical) raw materials, instead the brines are discarded. See Figure 1.

The EU-funded Sea4Value project is the first attempt to recover minerals and metals from brines produced in seawater desalination plants (SWDP) in a cost-effective way. The main focus is on separating, concentrating and crystallising Molybdenum, Magnesium, Scandium, Vanadium, Gallium, Boron, Indium, Lithium, Rubidium and Calcium from brines, where they can be found in low concentrations. To do that, a multimineral and modular process is developed for brine valorisation. The implementation of brine valorisation in seawater desalination plants offers new business opportunities, which can bring value to markets, environment, and society.

With this CEN Workshop, brine valorisation, i.e. brine mining, is to be standardised so that it can serve as a building block for a secure supply of raw materials in the

future. To achieve this, it is necessary to remove the barriers to the introduction of a new process and new raw materials by ensuring reliability, knowledge transfer, and quality. Common standards help remove technical barriers to trade, open up markets and make businesses more competitive.

This CEN Workshop Agreement (CWA) which has been developed by the CEN Workshop aims to provide guidance and recommendations on best practices for sustainable brine valorisation to ensure transfer of innovation into practice. The guidance refers on the processing of brines to recover minerals and metals and on the properties of the recovered minerals and metals.

In order to achieve a common understanding, a language for describing brine valorisation needs to be developed as well as terms and system boundaries of brine valorisation need to be defined.

Moreover, the CWA describes, explains, and agrees on the core process steps of brine valorisation. This includes advice on the fundamental prerequisites; pre-treatment, key (technologic) elements/methods and post-treatment are specified and recommendations for planning, design, implementation and operation are given.

The CWA provides recommendations on good practice approaches, advice on the requirements of circularity in SWDP as well as considerations on environmental and economic impacts and evaluation. Besides the recommendations for the process of brine valorisation, recommendations are also made for the recovered product, the minerals and metals, to ensure that the new products meet the market demand.

The CEN Workshop Agreement is intended to be used by operators of seawater desalination plants, engineering companies, end-users, traders and distributor of recovered minerals and metals as well as government and environmental authorities.

The CWA does not provide guidance and recommendations for sustainable valorisation of brines that are not produced in seawater desalination plants.

Projektleder: Pernille Rasmussen

73.100.30

Udstyr til boring og mineudgravning

Equipment for drilling and mine excavation

Offentliggjorte forslag

DSF/ISO/DIS 18758

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 18758

Maskiner til minedrift og jordflytning – Boreplatforme til klippeboring og forstærkning af klipper – Sikkerhedskrav

This document specifies the safety requirements for rock drill rigs and rock reinforcement rigs designed for the following underground or surface operations:

- blast hole drilling;
- rock reinforcement;
- drilling for secondary breaking;

d) dimensional stone drilling;

e) mineral prospecting, e.g. utilizing core drilling or reverse circulation;

f) water and methane drainage drilling;

g) raise boring.

NOTE – Rigs can be designed for more than one of the operations above. See ISO 18758-1 for vocabulary.

This document is also applicable to earth-moving machinery as defined in ISO 6165, modified to become a rock drill rig or rock reinforcement rig.

This document is not applicable to the following machines: drill rigs for soil and rock mixture; (geothermal drill rigs, water well drill rigs, water jet drill rigs, micro pile drill rigs; surface horizontal directional drill rigs (HDD) as defined in ISO 21467), Kelly drill rigs (and casing drivers); cable tool drill rigs; pre-armouring machines; sonic drill rigs; shaft sinking drill rigs; crane attached drill rigs; drill rigs on derricks; scaling machines.

This document deals with the significant hazards, hazardous situations or hazardous events, as listed in Annex E, relevant to rock drill rigs and rock reinforcement rigs (see ISO 18758-1), when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer.

This document is not applicable to rigs manufactured before the date of its publication.

75.080

Olieprodukter generelt

Petroleum products in general

Offentliggjorte forslag

DSF/ISO/DIS 15597

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 15597

Olieprodukter – Bestemmelse af svovlindhold – Bølgelængdepersiv røntgenfluorescensspektrometri

This International Standard specifies a method for the determination of the chlorine and bromine content of liquid petroleum products, synthetic oils and fluids, and additives for petroleum products (including used oils) that are soluble in organic solvents of negligible or accurately known chlorine/bromine content. The method is applicable to products or additives having chlorine contents in the range 0,0005 % (m/m) to 0,1000% (m/m), and bromine contents in the range 0,0010 % (m/m) to 0,1000% (m/m). Other elements do not generally interfere, although lead may interfere at contents above 0,1500 % (m/m) (see note 2).

NOTE 1 – For the purposes of this International Standard, the term "% (m/m)" is used to represent the mass fraction of a material.

NOTE 2 – Used lubricants may pose particular problems due to the range of potentially interfering elements at relatively high concentrations. For used lubricants generally, the lower limit of sensitivity may be 0,0050 % (m/m) even when the provisions of the last paragraph of 9.3 are applied.

Projektleder: Birgitte Ostertag

DSF/ISO/DIS 8754

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 8754

Olieprodukter – Bestemmelse af svovlindhold – Energidispersiv røntgenfluorescensspektrometri

ISO 8754:2003 specifies a method for the determination of the sulfur content of petroleum products, such as naphthas, unleaded motor gasolines, middle distillates, residual fuel oils, base lubricating oils and components. The method is applicable to products having sulfur contents in the range 0,03 % (by mass) to 5,00 % (by mass).

Projektleder: Birgitte Ostertag

75.160.20

Flydende brændstof

Liquid fuels

Offentliggjorte forslag

DSF/FprCEN/TR 18169

Deadline: 2025-03-05

Relation: CEN

Identisk med FprCEN/TR 18169

Olieprodukter og relaterede produkter – Vejledning om alternative brændstoffer og blandedkomponenter – Information til producenter af brændstof og brændstofblandinger

This document presents information to producers and blenders of automotive fuels. It allows the user to assess new products or blends and their production processes to determine what information is helpful to consider:

- the applicable fuel specification standard(s);
- the 'workmanship clause' cited by CEN fuel specifications;
- the impact on vehicle emissions systems, material compatibility and vehicle operability;
- the correct functioning of the intended product (fitness for purpose).

This document is a collection of information. It serves as guidance and cannot be considered as a product approval paper in any way.

Projektleder: Alexander Mollan Bohn Christiansen

75.160.30

Luftformigt brændstof

Gaseous fuels

Nye Standarder

DS/ISO/TS 21343:2025

DKK 525,00

Identisk med ISO/TS 21343:2025

Olie- og gasindustri inklusive kulstoffattige energiformer – Ammoniakbrændstof – Krav til og vejledning om dampkedler til energiforsyning

This document specifies requirements and guidance for manufacturers of ammonia-fired boilers regarding functional tests performed at the time of design and on-site

acceptance tests, in order to meet the required environmental performance.

This document stipulates the test methods, the measurement items, the evaluation methods and the test reports for each test.

This document is applicable to:

- land boilers used for power generation with an electrical output of 100 MWe or more;
- equipment that uses NH₃ of any mixing ratio as fuel;
- boilers with burners for combustion of fuel.

This document does not apply to heat recovery steam generators for gas turbines, fluidized bed boiler, stokers, black liquor recovery boiler and process heat transfer equipment (used in petroleum refining).

Projektleder: Per Velk

75.160.40

Biobrændstof

Biofuels

Nye Standarder

DS/EN 18051:2024

DKK 355,00

Identisk med EN 18051:2024

Motorbrændstof – Bestemmelse af indhold af butoxybenzen i mellemdestillater – Gaskromatografi med flammeionisationsdetektor (GC/FID)

This document specifies a test method for the determination of the content of n-butyl phenyl ether (BPE, CAS: 1126-79-0, also known as butoxy-benzene) in gas oils, kerosene, diesel fuel and biodiesel blends. The method uses a two-column gas chromatograph with an FID-type of detector. The application range is 0,1 mg/l to 21,25 mg/l of BPE, with a limit of detection of 0,05 mg/l.

NOTE – This corresponds to 1 % to 150 % of the average marking level of the ACCUTRACE™ Plus required by Commission Implementing Decision (EU) 2022/197 [1] of 17 January 2022 establishing a common fiscal marker for gas oils and kerosene.

The method is found to be applicable to determinations beyond this range or for specific other chemical markers that fall within the distillation temperature range of middle-distillates, but for that no precision has been determined.

WARNING – The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Projektleder: Alexander Mollan Bohn Christiansen

75.180.01

Udstyr til olie- og naturgasindustrien.

Generelt

Equipment for petroleum and natural gas industries in general

Offentliggjorte forslag

DSF/FprCEN ISO/TS 16901

Deadline: 2025-03-24

Relation: CEN

Identisk med ISO/TS 16901:2022

og FprCEN ISO/TS 16901

Vejledning om udførelse af risikovurdering i udformningen af LNG-installationer på land, herunder skib-havn-grænsefladen

This document provides a common approach and guidance to those undertaking assessment of the major safety hazards as part of the planning, design, and operation of LNG facilities onshore and at shoreline using risk-based methods and standards, to enable a safe design and operation of LNG facilities. The environmental risks associated with an LNG release are not addressed in this document.

This document is applicable both to export and import terminals but can be applicable to other facilities such as satellite and peak shaving plants.

This document is applicable to all facilities inside the perimeter of the terminal and all hazardous materials including LNG and associated products: LPG, pressurized natural gas, odorizers, and other flammable or hazardous products handled within the terminal.

The navigation risks and LNG tanker intrinsic operation risks are recognised, but they are not in the scope of this document. Hazards arising from interfaces between port and facility and ship are addressed and requirements are normally given by port authorities. It is assumed that LNG carriers are designed according to the IGC code, and that LNG fuelled vessels receiving bunker fuel are designed according to IGF code.

Border between port operation and LNG facility is when the ship/shore link (SSL) is established.

This document is not intended to specify acceptable levels of risk; however, examples of tolerable levels of risk are referenced.

See IEC 31010 and ISO 17776 with regard to general risk assessment methods, while this document focuses on the specific needs scenarios and practices within the LNG industry.

Projektleder: Birgitte Ostertag

75.180.10**Udforsknings-, bore- og udvindingsudstyr**

Exploratory, drilling and extraction equipment

Offentliggjorte forslag

DSF/EN ISO 19905-1:2023/prA1:2024
Deadline: 2025-03-05

Relation: CEN

Identisk med ISO 19905-1:2023/DAMd 1 og EN ISO 19905-1:2023/prA1:2024

Olie- og gasindustri inklusive kulstof-fattige energiformer – Sitespecifik vurdering af mobile offshoreenheder – Del 1: Jackupplatforme: hævet på siten

This document specifies requirements and provides recommendation and guidance for the elevated site-specific assessment (SSA-E) of independent leg jack-up units for use in the petroleum and natural gas industries. It addresses:

- occupied non-evacuated, occupied evacuated and unoccupied jack-ups;
- the installed (or elevated) phase at a specific site.

It also addresses the requirement that the as-installed condition matches the assumptions used in the assessment.

This document does not address the site-specific assessment of installation and removal (SSA-I).

To ensure acceptable reliability, the provisions of this document form an integrated approach, which is used in its entirety for the site-specific assessment of a jack-up.

When assessing a jack-up operating in regions subject to sea ice and icebergs, it is intended that the assessor supplements the provisions of this document with the relevant provisions relating to ice actions contained in ISO 19906 and procedures for ice management contained in ISO 35104. This document does not address design, transit to and from site, or installation and removal from site.

This document is applicable only to independent leg mobile jack-up units that are structurally sound and adequately maintained, which is normally demonstrated through holding a valid recognized classification society, classification certificate. Jack-ups that do not hold a valid recognized classification society certificate are assessed according to the provisions of ISO 19902, supplemented by methodologies from this document, where applicable.

NOTE 1 Well conductors can be a safety-critical element for jack-up operations. However, the integrity of well conductors is not part of the site-specific assessment process for jack-ups and is, therefore, not addressed in this document. See A.1 for guidance on this topic.

NOTE 2 RCS rules and the IMO MODU code (International Maritime Organisation Mobile Offshore Drilling Unit code) provide guidance for the design of jack-ups.

Projektleder: Per Velk

75.200**Udstyr til håndtering af olie-, olieprodukter og naturgas**

Petroleum, petroleum products and natural gas handling equipment

Offentliggjorte forslag

DSF/ISO/DIS 21809-5
Deadline: 2025-03-14

Relation: ISO

Identisk med ISO/DIS 21809-5

Olie- og gasindustri inklusive kulstof-fattige energiformer – Ydre beskyttelse af jordlagte eller nedsænkede rørledninger – Del 5: Betonskal

ISO 21809-5:2017 specifies the requirements for qualification, application, testing and handling of materials required for the application of reinforced concrete coating externally to either bare pipe or pre-coated pipe for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623.

The external application of concrete is primarily used for the negative buoyancy of pipes used in buried or submerged pipeline systems and/or for the mechanical protection of the pipe and its pre-coating. ISO 21809-5:2017 is applicable to concrete thicknesses of 25 mm or greater.

Projektleder: Per Velk

DSF/prEN 12186
Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 12186

Gasinfrastruktur – Gastryksregulatorstationer til transmission og distribution – Funktionskrav

This document describes the functional requirements relevant for design, materials, construction, testing and operation of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service.

This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gaseous fuels heavier than air and/or toxic or corrosive gases are not covered by this document.

This document does not apply to gas pressure control stations in operation prior to the publication of this standard. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the type of gas, e.g. repurposing for the use with hydrogen.

The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this standard can be used as a guideline.

If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies.

This document contains the basic system requirements for gas pressure control sta-

tions. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards.

NOTE – For combined control and measuring stations, the additional requirements of EN 1776 can apply.

The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetry, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or other relevant standards.

The requirements of this document are based on good gas engineering practice under conditions normally encountered in the gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed.

The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction and operation.

Projektleder: Birgitte Ostertag

DSF/prEN ISO 16923
Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 16923

og prEN ISO 16923

Naturgastankstationer – CNG-tankstationer til køretøjer

ISO 16923:2016 covers the design, construction, operation, inspection and maintenance of stations for fuelling compressed natural gas (CNG) to vehicles, including equipment, safety and control devices.

ISO 16923:2016 also applies to portions of a fuelling station where natural gas is in a gaseous state and dispensing CNG derived from liquefied natural gas (LCNG) according to ISO 16924.

ISO 16923:2016 applies to fuelling stations supplied with natural gas as defined in local applicable gas composition regulations or ISO 13686. It also applies to other gases meeting these requirements including biomethane, upgraded coal-bed methane (CBM) and gas supplies coming from LNG vaporization (on-site or off-site).

ISO 16923:2016 includes all equipment for downstream gas supply connection (i.e. point of separation between the CNG fuelling station piping and the pipeline network). Fuelling station nozzles are not defined in this document.

ISO 16923:2016 covers fuelling stations with the following characteristics:

- slow fill;
- fast fill;
- private access;
- public access (self-service or assisted);
- fuelling stations with fixed storage;
- fuelling stations with mobile storage (daughter station);
- multi-fuel stations.

ISO 16923:2016 is not applicable to domestic CNG fuelling devices without buffer storage.

NOTE – ISO 16923:2016 is based on the condition that the gas entering the fuelling station is odorized. For unodorized gas

fuelling stations, additional safety requirements are included in Clause 10.

Projektleder: Birgitte Ostertag

DSF/prEN ISO 16924

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 16924

og prEN ISO 16924

Fyldestationer til tankning af naturgas – LNG-tankstationer til køretøjer

ISO 16924:2016 specifies the design, construction, operation, maintenance and inspection of stations for fuelling liquefied natural gas (LNG) to vehicles, including equipment, safety and control devices.

ISO 16924:2016 also specifies the design, construction, operation, maintenance and inspection of fuelling stations for using LNG as an onsite source for fuelling CNG to vehicles (LCNG fuelling stations), including safety and control devices of the station and specific LCNG fuelling station equipment.

NOTE – Specific CNG equipment is dealt with in ISO 16923.

ISO 16924:2016 is applicable to fuelling stations receiving LNG and other liquefied methane-rich gases that comply with local applicable gas composition regulation or with the gas quality requirements of ISO 13686.

ISO 16924:2016 includes all equipment from the LNG storage tank filling connection up to the fuelling nozzle on the vehicle. The LNG storage tank filling connection itself and the vehicle fuelling nozzle are not covered in this document.

ISO 16924:2016 includes fuelling stations having the following characteristics:

- private access;
- public access (self-service or assisted);
- metered dispensing and non metered dispensing;
- fuelling stations with fixed LNG storage;
- fuelling stations with mobile LNG storage;
- movable fuelling stations;
- mobile fuelling stations;
- multi-fuel stations.

Projektleder: Birgitte Ostertag

DSF/prEN ISO 21809-5

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 21809-5

og prEN ISO 21809-5

Olie- og gasindustri inklusive kulstof-fattige energiformer – Ydre beskyttelse af jordlagte eller nedsænkede rørledninger – Del 5: Betonskal

ISO 21809-5:2017 specifies the requirements for qualification, application, testing and handling of materials required for the application of reinforced concrete coating externally to either bare pipe or pre-coated pipe for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623.

The external application of concrete is primarily used for the negative buoyancy of pipes used in buried or submerged pipe-

line systems and/or for the mechanical protection of the pipe and its pre-coating.

ISO 21809-5:2017 is applicable to concrete thicknesses of 25 mm or greater.

Projektleder: Lone Skjerning

77.040.10

Mekanisk prøvning af metaller

Mechanical testing of metals

Offentliggjorte forslag

DSF/ISO/DIS 6892-2

Deadline: 2025-04-01

Relation: ISO

Identisk med ISO/DIS 6892-2

Metalliske materialer – Trækprøvning – Del 2: Metode til prøvning ved forhøjet temperatur

ISO 6892-2:2018 specifies a method of tensile testing of metallic materials at temperatures higher than room temperature.

Projektleder: Erling Richard Trudsø

77.060

Metalkorrosion

Corrosion of metals

Nye Standarder

DS/EN ISO 16784-1:2024

DKK 470,00

Identisk med ISO 16784-1:2024

og EN ISO 16784-1:2024

Korrosion af metaller og legeringer – Korrosion og begroning i industrielle kølevandssystemer – Del 1: Vejledning i modelforsøgsevaluering af kontroltilsætningsstoffer mod korrosion og begroning i åbne cirkulationskølevandssystemer

This document specifies general requirements and parameters for the pilot test evaluation of corrosion and scaling control additives in open recirculating cooling water systems. This document covers parameters including test unit design, operation, water quality and contamination. It also covers the design and operation of pilot test devices as well as parameters to be evaluated in pilot test units.

This document covers the criteria that are used in pilot scale testing programmes for selecting water treatment programmes for specific recirculating cooling water systems.

This document is only applicable to open recirculating cooling water systems. It does not apply to closed cooling systems and once-through cooling water systems.

This document applies only to systems that incorporate shell and tube heat exchangers with standard uncoated smooth tubes and cooling water on the tube side. This document does not apply to heat exchangers with shell-side water, plate and frame and/or spiral heat exchangers and other heat exchange devices. However, when the test conditions are properly set up to model the surface temperature and shear stress in more complex heat transfer devices, the test results can predict the

results of operating heat exchangers of that design.

The test criteria established in this document are not intended to govern the type of bench and pilot scale testing normally carried out by water treatment companies as part of their proprietary product development programmes. However, water treatment companies can choose to use the criteria in this document as guidelines in the development of their own product development test procedures.

Projektleder: Merete Westergaard Bennick

DS/EN ISO 8044:2025

DKK 575,00

Identisk med ISO 8044:2024

og EN ISO 8044:2025

Korrosion af metaller og legeringer – Anvendt terminologi

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations.

Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term "metal" is also used to include alloys and other metallic materials. Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Projektleder: Merete Westergaard Bennick

DS/ISO 16784-1:2024

DKK 470,00

Identisk med ISO 16784-1:2024

Korrosion af metaller og legeringer – Korrosion og begroning i industrielle kølevandssystemer – Del 1: Vejledning i modelforsøgsevaluering af kontroltilsætningsstoffer mod korrosion og begroning i åbne cirkulationskølevandssystemer

This document specifies general requirements and parameters for the pilot test evaluation of corrosion and scaling control additives in open recirculating cooling water systems. This document covers parameters including test unit design, operation, water quality and contamination. It also covers the design and operation of pilot test devices as well as parameters to be evaluated in pilot test units.

This document covers the criteria that are used in pilot scale testing programmes for selecting water treatment programmes for specific recirculating cooling water systems.

This document is only applicable to open recirculating cooling water systems. It does not apply to closed cooling systems and once-through cooling water systems.

This document applies only to systems that incorporate shell and tube heat exchangers with standard uncoated smooth tubes and cooling water on the tube side. This document does not apply to heat exchangers with shell-side water, plate and frame and/or spiral heat exchangers and other heat exchange devices. However, when the test conditions are properly set up to model the surface temperature and shear stress in more complex heat transfer devices, the test results can predict the

results of operating heat exchangers of that design.

The test criteria established in this document are not intended to govern the type of bench and pilot scale testing normally carried out by water treatment companies as part of their proprietary product development programmes. However, water treatment companies can choose to use the criteria in this document as guidelines in the development of their own product development test procedures.

Projektleder: Lone Skjerning

DS/ISO 8044:2024

DKK 575,00

Identisk med ISO 8044:2024

Korrosion af metaller og legeringer – Anvendt terminologi

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations.

Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials.

Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Projektleder: Lone Skjerning

77.080.01

Jernholdige metaller. Generelt

Ferrous metals in general

Nye Standarder

DS/EN ISO 4937:2024

DKK 470,00

Identisk med ISO 4937:2024

og EN ISO 4937:2024

Stål og jern – Bestemmelse af kromindhold – Potentiometrisk eller visuel titreringsmetode

This document specifies a method for the determination of chromium in steel and iron by potentiometric or visual titration.

The method is applicable to chromium contents between 0,25 % (mass fraction) and 35 % (mass fraction). If vanadium is present, the visual titration is applicable only to test portions containing less than 3 mg of vanadium.

NOTE The visual titration can be applicable to test portion containing between 3 mg and 6 mg of vanadium.

Projektleder: Pernille Rasmussen

DS/ISO 4937:2024

DKK 440,00

Identisk med ISO 4937:2024

Stål og jern – Bestemmelse af kromindhold – Potentiometrisk eller visuel titreringsmetode

This document specifies a method for the determination of chromium in steel and iron by potentiometric or visual titration. The method is applicable to chromium contents between 0,25 % (mass fraction) and 35 % (mass fraction). If vanadium is present, the visual titration is applicable

only to test portions containing less than 3 mg of vanadium.

NOTE The visual titration can be applicable to test portion containing between 3 mg and 6 mg of vanadium.

Projektleder: Erling Richard Trudsø

77.080.10

Jern

Irons

Nye Standarder

Standardpakke - Støbejern

DKK 4.009,50

Standardpakke – Støbejern

See Danish Scope.

Projektleder: Mikkel Hvass

77.120.10

Aluminium og aluminiumslegeringer

Aluminium and aluminium alloys

Nye Standarder

DS/EN 683-2:2024/AC:2025

DKK 0,00

Identisk med EN 683-2:2024/AC:2025

Aluminium og aluminiumlegeringer – Tyndplader til varmevekslere (finstock) – Del 2: Mekaniske egenskaber

This document specifies the mechanical properties of wrought aluminium and wrought aluminium alloy finstock.

The chemical composition limits of these materials are specified in EN 573 3, unless otherwise agreed between supplier and purchaser.

The designations of wrought aluminium and wrought aluminium alloys and the temper designations used in this document are specified in EN 573 3, and the temper designations are defined in EN 515.

Projektleder: Pernille Rasmussen

77.140.10

Stål, som kan varmebehandles

Heat-treatable steels

Nye Standarder

DS/ISO 683-6:2023

DKK 575,00

Identisk med ISO 683-6:2023

Varmebehandlede stål, legerede stål og automatstål – Del 6: Varmvalsede stål til sejhærdede fjedre

This document specifies the technical delivery requirements for round and flat bars and wire rods manufactured from the alloyed steels listed in Table 4, intended for hot-formed and subsequently heat-treated springs or cold-formed and subsequently heat-treated springs. The products are supplied in one of the heat-treatment conditions given for the different types of products in Table 2 and in one of the surface conditions given in Table 3.

NOTE 1 Table 4 only considers steels that have gained certain international importance. This does, however, not mean that these are available in all industrial countri-

es. In addition, a great number of other steels are specified in regional and national standards.

NOTE 2 Non-alloy steels also for the production of springs are covered by the wire rod specification in ISO 16120-4.

NOTE 3 International Standards relating to steels conforming with the chemical composition requirements in Table 4, but supplied in other product forms or other treatment conditions or intended for special applications, are given in the bibliography.

Projektleder: Erling Richard Trudsø

77.140.20

Rustfri stål

Stainless steels

Offentliggjorte forslag

DSF/prEN 10253-3

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 10253-3

Rørformstykker – Del 3: Austenitisk og austenitisk-ferritisk (duplex) plastisk forarbejdet rustfrit stål uden specifikke inspektionskrav

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements.

This document specifies:

- steel grades and their chemical compositions;
- mechanical properties;
- dimensions and tolerances;
- requirements for inspection and testing;
- inspection documents;
- marking;
- handling and packaging.

Projektleder: Lone Skjerning

77.140.25

Fjederstål

Spring steels

Nye Standarder

DS/ISO 683-6:2023

DKK 575,00

Identisk med ISO 683-6:2023

Varmebehandlede stål, legerede stål og automatstål – Del 6: Varmvalsede stål til sejhærdede fjedre

This document specifies the technical delivery requirements for round and flat bars and wire rods manufactured from the alloyed steels listed in Table 4, intended for hot-formed and subsequently heat-treated springs or cold-formed and subsequently heat-treated springs. The products are supplied in one of the heat-treatment conditions given for the different types of products in Table 2 and in one of the surface conditions given in Table 3.

NOTE 1 Table 4 only considers steels that have gained certain international importance. This does, however, not mean that

these are available in all industrial countries. In addition, a great number of other steels are specified in regional and national standards.

NOTE 2 Non-alloy steels also for the production of springs are covered by the wire rod specification in ISO 16120-4.

NOTE 3 International Standards relating to steels conforming with the chemical composition requirements in Table 4, but supplied in other product forms or other treatment conditions or intended for special applications, are given in the bibliography.

Projektleder: Erling Richard Trudsø

77.140.30

Trykbeholderstål

Steels for pressure purposes

Nye Standarder

Standardpakke - DS/EN 1559-serien

DKK 2.298,00

Standardpakke - Støbning - Tekniske leveringsbetingelser - DS/EN 1559-serien - Del 1-6

Projektleder: Mikkel Hvass

77.140.45

Ikke-legerede stål

Non-alloyed steels

Offentliggjorte forslag

DSF/prEN 10253-1

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 10253-1

Rørformstykker - Del 1: Plastisk forarbejdet kulstofstål til generel anvendelse og uden specifikke inspektionskrav

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of wrought carbon steel without specific inspection requirements.

It specifies:

- steel grade and its chemical compositions;
- mechanical properties;
- dimensions and tolerances;
- requirements for inspection and testing;
- inspection documents;
- marking;
- protection and packaging.

Projektleder: Lone Skjerning

77.140.85

Jern- og stålsmedegods

Iron and steel forgings

Nye Standarder

Standardpakke - DS/EN 1559-serien

DKK 2.298,00

Standardpakke - Støbning - Tekniske leveringsbetingelser - DS/EN 1559-serien - Del 1-6

Projektleder: Mikkel Hvass

77.160

Pulvermetallurgi

Powder metallurgy

Offentliggjorte forslag

DSF/prEN ISO 3953

Deadline: 2025-03-17

Relation: CEN

Identisk med ISO/DIS 3953

og prEN ISO 3953

Metallisk pulver - Bestemmelse af massetæthed efter vibrering

ISO 3953:2011 specifies a method for the determination of tap density, i.e. the density of a powder that has been tapped into a container under specified conditions.

Projektleder: Pernille Rasmussen

81.080

Ildfaste produkter

Refractories

Offentliggjorte forslag

DSF/prEN ISO 2477

Deadline: 2025-03-17

Relation: CEN

Identisk med ISO 2477:2005

og prEN ISO 2477

Formgivne isolerende ildfaste produkter - Bestemmelse af blivende dimensionsændringer ved opvarmning

ISO 2477:2005 describes a method for determining the permanent change in dimensions on heating of a shaped insulating refractory product.

Projektleder: Pernille Rasmussen

83.080.01

Plast. Generelt

Plastics in general

Offentliggjorte forslag

DSF/ISO/DIS 18957

Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 18957

Plast - Bestemmelse af plastmaterialeers aerobe bionedbrydelighed ved eksponering for havvand under fremskynkede laboratorieforhold

This document describes a laboratory test method to determine the aerobic biode-

gradation of plastic materials exposed to seawater using accelerated conditions.

Furthermore, this document describes the general requirements of the apparatus and the procedures for using this test method. The biodegradation is determined by measuring the oxygen demand in a closed respirometer or by measuring the CO₂ evolved during mineralization of the plastic materials by microorganisms in the seawater.

This test method is designed to give an early indication of the potential biodegradability of plastic materials in marine environment.

In addition, for the purpose of promoting the development of biodegradable plastics, this document also provides a method for measuring the biomass components produced by metabolizing the test resin before it is completely mineralized to CO₂, that enables to evaluate the potential biodegradability considered by carbon flow by the sum of the degree of biodegradation based on O₂ and/or CO₂ analysis and the degree of conversion to biomass in much shorter period of time than full mineralization.

This method is not suitable to assess the degree of disintegration of plastic materials caused by abiotic factors like heat or UV radiation.

Projektleder: Maria de Freiesleben Christoffersen

83.080.20

Termoplastiske materialer

Thermoplastic materials

Offentliggjorte forslag

DSF/ISO/DIS 1158

Deadline: 2025-03-07

Relation: ISO

Identisk med ISO/DIS 1158

Plast - Vinylkloridhomopolymerer og kopolymerer - Bestemmelse af klorindhold

This document specifies two methods for the determination of the chlorine content of homopolymers and copolymers of vinyl chloride, free from plasticizers or additives, namely:

- method A (combustion in a bomb);
- method B (combustion in a flask).

This document is also applicable as a reference method for the determination of chlorine content in other chlorine-containing polymers (such as chlorinated polyvinyl chloride, polyvinyl chloride, chlorinated polyethylene and Vinyl chloride-vinyl acetate) without plasticizers and additives.

DSF/prEN ISO 1158

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 1158

og prEN ISO 1158

Plast - Vinylkloridhomopolymerer og kopolymerer - Bestemmelse af klorindhold

This document specifies two methods for the determination of the chlorine content of homopolymers and copolymers of vinyl

chloride, free from plasticizers or additives, namely:

- method A (combustion in a bomb);
- method B (combustion in a flask).

This document is also applicable as a reference method for the determination of chlorine content in other chlorine-containing polymers (such as chlorinated polyvinyl chloride, polyvinyl chloride, chlorinated polyethylene and Vinyl chloride-vinyl acetate) without plasticizers and additives.

Projektleder: Maria de Freiesleben Christoffersen

83.140.30

Plastrør og fittings ikke beregnet til væsker

Plastic pipes and fittings for non fluid use

Nye Standarder

DS/EN ISO 16486-3:2025

DKK 575,00

Identisk med ISO 16486-3:2025

og EN ISO 16486-3:2025

Plastrørssystemer til gasforsyning – PA-U-rørssystemer med svejste og mekanisk udførte samlinger – Del 3: Fittings

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels.

It also specifies the test parameters for the test methods to which it refers.

The ISO 16486 series is applicable to PA-U piping systems, the components of which are connected by fusion jointing and/or mechanical jointing.

In particular, this document lays down dimensional characteristics and requirements for the marking of fittings.

In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types:

- fusion fittings (electrofusion fittings and butt fusion fittings), and
- transition fittings.

Projektleder: Henryk Stawicki

DS/ISO 16486-3:2025

DKK 525,00

Identisk med ISO 16486-3:2025

Plastrørssystemer til gasforsyning – PA-U-rørssystemer med svejste og mekanisk udførte samlinger – Del 3: Fittings

This document specifies the physical and mechanical properties of fittings made from unplasticized polyamide (PA-U) in accordance with ISO 16486-1, intended to be buried and used for the supply of gaseous fuels.

It also specifies the test parameters for the test methods to which it refers.

The ISO 16486 series is applicable to PA-U piping systems, the components of which

are connected by fusion jointing and/or mechanical jointing.

In particular, this document lays down dimensional characteristics and requirements for the marking of fittings.

In conjunction with the other parts of the ISO 16486 series, this document is applicable to PA-U fittings, their joints, joints with components of PA-U and joints with mechanical fittings of other materials, and to the following fitting types:

- fusion fittings (electrofusion fittings and butt fusion fittings), and
- transition fittings.

Projektleder: Henryk Stawicki

83.140.40

Slanger

Hoses

Offentliggjorte forslag

DSF/ISO/DIS 1825

Deadline: 2025-03-29

Relation: ISO

Identisk med ISO/DIS 1825

Slanger og slangekoblinger af gummi til påfyldning og tømning af flybrændstof – Specifikation

ISO 1825:2017 specifies the dimensions and construction of, and requirements for, four types of hose and hose assembly for use in all operations associated with the ground fuelling and defuelling of aircraft.

All four types are designed for:

- use with petroleum fuels having an aromatic-hydrocarbon content not exceeding 30 % by volume;
- operation within the temperature range of $-30\text{ }^{\circ}\text{C}$ to $+65\text{ }^{\circ}\text{C}$ and such that they will be undamaged by climatic conditions of $-40\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ when stored in static conditions;
- operation at up to 2,0 MPa (20 bar) maximum working pressure, including surges of pressure which the hose can be subjected to in service.

NOTE 1 – Type C hoses are intended for general pressure applications on all vehicles used for plane fuelling. They can also be used for vehicle/rail car loading and discharge where excessive vacuum does not occur.

NOTE 2 – Type F hoses can be used for plane delivery applications on vehicles that are also used for defuelling at high flow rates where type C hoses are not suitable.

NOTE 3 – Type E and F hoses can also be used for vehicle/rail car loading and discharge, for trailer to fueller transfer and for elevation platform supply (riser) to provide greater kink resistance.

NOTE 3 – Type E and F hoses can also be used for vehicle/rail car loading and discharge, for trailer to fueller transfer and for elevation platform supply (riser) to provide greater kink resistance.

83.160.01

Dæk. Generelt

Tyres in general

Nye Standarder

DS/EN 17188:2024

DKK 355,00

Identisk med EN 17188:2024

Materialer fra udtjente dæk (ELT) – Prøveudtag af granulat og pulvere opbevaret i bigbags og smallbags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags.

Sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived.

The methods specified in this document are applicable, for example, when the samples are to be tested for e.g. bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, impurities.

Projektleder: Mette Juul Sandager

DS/EN 17189:2024

DKK 320,00

Identisk med EN 17189:2024

Materialer fra udtjente dæk (ELT) – Bestemmelse af granulat og pulveres faktiske densitet – Metode baseret på vandpyknometri

This document specifies methods and test protocols used to determine the true density of granulates and powders produced from ELTs, based on water pycnometry.

This document is applicable for powders and granulates below 12 mm.

Projektleder: Mette Juul Sandager

83.180

Klæbemidler

Adhesives

Nye Standarder

DS/EN ISO 29862:2024

DKK 470,00

Identisk med ISO 29862:2024

og EN ISO 29862:2024

Tape – Bestemmelse af egenskaber for peeladhæsion

This document specifies a series of methods for the determination of peel adhesion properties of self adhesives tapes.

This document specifies:

- Method 1: Self adhesive tapes – Measurement of peel adhesion from stainless steel at an angle of 180° ;
- Method 2: Self adhesive tapes – Measurement of peel adhesion from its own backing at an angle of 180° ;
- Method 3: Self adhesive tapes – Measurement of peel adhesion of double-sided and transfer tapes at an angle 180° ;

– Method 4: Self adhesive tapes – Measurement of adhesion of the liner to an adhesive tape at an angle of 180°.

Projektleder: Merete Westergaard Bennick

DS/ISO 29862:2024

DKK 470,00

Identisk med ISO 29862:2024

Tape – Bestemmelse af egenskaber for peeladhæsion

This document specifies a series of methods for the determination of peel adhesion properties of self adhesives tapes.

This document specifies:

– Method 1: Self adhesive tapes – Measurement of peel adhesion from stainless steel at an angle of 180°;

– Method 2: Self adhesive tapes – Measurement of peel adhesion from its own backing at an angle of 180°;

– Method 3: Self adhesive tapes – Measurement of peel adhesion of double-sided and transfer tapes at an angle 180°;

– Method 4: Self adhesive tapes – Measurement of adhesion of the liner to an adhesive tape at an angle of 180°.

Projektleder: Merete Westergaard Bennick

87.040

Maling og lak

Paints and varnishes

Offentliggjorte forslag

DSF/prEN ISO 11997-2

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 11997-2

og prEN ISO 11997-2

Maling og lakker – Bestemmelse af bestandighed under cykliske korrosionsbetingelser – Del 2: Våd (salttåge)/tør/fugtig/UV-lys

ISO 11197-2:2013 specifies a test method of determining resistance of coatings to a defined cycle of wet (salt fog)/dry/humidity/UV light conditions using a specified solution.

Projektleder: Merete Westergaard Bennick

87.060.20

Bindemidler

Binders

Offentliggjorte forslag

DSF/ISO/DIS 11909

Deadline: 2025-03-16

Relation: ISO

Identisk med ISO/DIS 11909

Bindere til maling og lakker – Polyisocyanatharpiks – Generelle prøvningsmetoder

ISO 11909:2007 details general test methods for polyisocyanate resins and solutions of polyisocyanate resins intended for use as binders in paints, varnishes and related products.

Projektleder: Merete Westergaard Bennick

DSF/prEN ISO 11909

Deadline: 2025-03-26

Relation: CEN

Identisk med ISO/DIS 11909

og prEN ISO 11909

Bindere til maling og lakker – Polyisocyanatharpiks – Generelle prøvningsmetoder

ISO 11909:2007 details general test methods for polyisocyanate resins and solutions of polyisocyanate resins intended for use as binders in paints, varnishes and related products.

Projektleder: Merete Westergaard Bennick

91.010.01

Byggeindustri. Generelt

Construction industry in general

Nye Standarder

DS/CEN/TS 18113:2024

DKK 810,00

Identisk med CEN/TS 18113:2024

Vejledning om implementering af EN ISO 19650-serien i Europa, med særligt hensyn til del 1, 2, 3, 4 og 5

The scope of this document is primarily focused on EN ISO 19650-1, EN ISO 19650-2, EN ISO 19650-3, EN ISO 19650-4 and EN ISO 19650-5. In the text these are referred to collectively as "the EN ISO 19650 series". This document highlights and describes the way to use the standards, without extending or contradicting the scope and content. This document aims to provide supporting text to achieve a basic understanding and ability to implement the EN ISO 19650 series. In each country, each client and each delivery team can use this document to provide the best response to information management in each project or asset management activity.

This document explains the terms and definitions, concepts and principles and how to use them, and gives practical examples with clear explanations.

It should be noted that in this document, information management is considered as a part of project management, asset management and security management.

This document is intended to demonstrate how the EN ISO 19650 series works at the European level in a neutral way that is applicable to any project or asset regardless of:

- the nature of contracts, e.g. public, private, alliances, global, partnership;
- the actors' functions, e.g. through the programming, design, construction phases, regardless of organization size including SMEs;
- the diversity of tendering processes and commissioning practices, e.g. one main contractor (lead appointed party) on one client (as appointing party) vs. one client and multiple contracts with individual appointed parties;
- the types of works, e.g. new, refurbished, housing, infrastructure;
- the complexity of the project, asset, or activities.

Projektleder: Alexander Mollan Bohn Christiansen

DS/EN ISO 19650-6:2025

DKK 575,00

Identisk med ISO 19650-6:2025

og EN ISO 19650-6:2025

Organisering og digitalisering af information om bygge- og anlægsarbejder, herunder BIM – Informationshåndtering med BIM – Del 6: Sundheds- og sikkerhedsinformation

This document specifies concepts and principles for classifying, sharing and delivering health and safety information collaboratively, to secure the economic, environmental and social benefits.

This document:

a) specifies requirements for the collaborative sharing of structured health and safety information throughout project and asset life cycles;

b) supports the digitization of structured health and safety information in project and asset life cycles progressively from the outset;

c) provides specification on how health and safety information is shared for use throughout project and asset life cycle;

d) sets out a health and safety information cycle framework for the identification, use, sharing and generalization of health and safety information through information management processes.

This document is applicable to individuals and organizations that contribute to and influence the procurement, design, construction, use (including maintenance) and end-of-life of building and infrastructure assets.

The principles and requirements of this document can be applied equally to delivery or in-use phases not using BIM.

Projektleder: Alexander Mollan Bohn Christiansen

DS/ISO 19650-6:2025

DKK 575,00

Identisk med ISO 19650-6:2025

Organisering og digitalisering af information om bygge- og anlægsarbejder, herunder BIM – Informationshåndtering med BIM – Del 6: Sundheds- og sikkerhedsinformation

This document specifies concepts and principles for classifying, sharing and delivering health and safety information collaboratively, to secure the economic, environmental and social benefits.

This document:

a) specifies requirements for the collaborative sharing of structured health and safety information throughout project and asset life cycles;

b) supports the digitization of structured health and safety information in project and asset life cycles progressively from the outset;

c) provides specification on how health and safety information is shared for use throughout project and asset life cycle;

d) sets out a health and safety information cycle framework for the identification, use, sharing and generalization of health and safety information through information management processes.

This document is applicable to individuals and organizations that contribute to and influence the procurement, design, construction, use (including maintenance)

and end-of-life of building and infrastructure assets.

The principles and requirements of this document can be applied equally to delivery or in-use phases not using BIM.

Projektleder: Alexander Mollan Bohn Christiansen

91.010.30

Tekniske aspekter

Technical aspects

Offentliggjorte forslag

DSF/prEN 1993-7

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 1993-7

Eurocode 3 – Stålkonstruktioner – Del 7: Sandwichelementer

This Standard is applicable for the design of structural or self supporting systems made of sandwich panels with steel faces and core material with a Declaration of Performance (according to EN 14509-1 and -2) used as internal and external walls, roofs and ceilings.

Projektleder: Erling Richard Trudsø

91.040.01

Bygninger: Generelt

Building in general

Offentliggjorte forslag

DSF/ISO/DIS 15686-1

Deadline: 2025-03-29

Relation: ISO

Identisk med ISO/DIS 15686-1

Bygge- og anlægsaktiver – Planlægning af brugslevetid – Del 1: Generelle principper og rammer

This International Standard identifies and establishes Concepts, Principles and terminology for service life planning and a systematic framework for undertaking service life planning of a planned building or construction work throughout its life cycle (or remaining life cycle for existing buildings or construction works). The life cycle incorporates initiation, project definition, design, construction, commissioning, operation, maintenance, refurbishment, replacement, deconstruction and ultimate disposal, recycling or re-use of the asset (or parts thereof), including its components, systems and building services.

This International Standard is applicable to the service life planning of individual buildings. A series of service life plans, developed in accordance with this International Standard, can be used as input data to the strategic property management of a number of buildings.

Projektleder: Alexander Mollan Bohn Christiansen

DSF/ISO/DIS 15686-2

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 15686-2

Bygge- og anlægsaktiver – Planlægning af brugslevetid – Del 2: Procesrelaterede hensyn

This International Standard identifies and establishes process considerations for service life planning and a systematic framework for undertaking service life planning of a planned building or construction work throughout its life cycle (or remaining life cycle for existing buildings or construction works). The life cycle incorporates initiation, project definition, design, construction, commissioning, operation, maintenance, refurbishment, replacement, deconstruction and ultimate disposal, recycling or re-use of the asset (or parts thereof), including its components, systems and building services.

This International Standard is applicable to the service life planning of individual buildings. A series of service life plans, developed in accordance with this International Standard, can be used as input data to the strategic property management of a number of buildings.

Projektleder: Alexander Mollan Bohn Christiansen

DSF/ISO/DIS 15686-3

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 15686-3

Bygge- og anlægsaktiver – Planlægning af brugslevetid – Del 3: Metoder, data og kommunikation

This International Standard identifies and establishes Methodologies, data and communication for service life planning and a systematic framework for undertaking service life planning of a planned building or construction work throughout its life cycle (or remaining life cycle for existing buildings or construction works). The life cycle incorporates initiation, project definition, design, construction, commissioning, operation, maintenance, refurbishment, replacement, deconstruction and ultimate disposal, recycling or re-use of the asset (or parts thereof), including its components, systems and building services.

This International Standard is applicable to the service life planning of individual buildings. A series of service life plans, developed in accordance with this International Standard, can be used as input data to the strategic property management of a number of buildings.

Projektleder: Alexander Mollan Bohn Christiansen

91.060.40

Skorstene, skakte, luftkanaler

Chimneys, shafts, ducts

Nye Standarder

DS/EN 13084-1:2025

DKK 665,00

Identisk med EN 13084-1:2025

Fritstående skorstene – Del 1: Generelle krav

This document deals with the general requirements and the basic performance criteria for the design and construction of all types of structurally independent chimneys including their liners.

This document also applies to chimneys connected to buildings when at least one of the following criteria is met:

- the distance between the lateral guides is more than 4 m;
- the free-standing height above the uppermost structural support attachment is more than 3 m;
- the free-standing height above the uppermost structural support attachment for chimneys with rectangular cross section is more than five times the smallest external dimension.

Structurally independent chimneys take into account in their design: operational conditions and other actions to verify mechanical resistance and stability and safety in use. Detailed requirements relating to specialized designs are given in the standards for concrete chimneys, steel chimneys and their liners, as well as masts construction with satellite components.

In other parts of the EN 13084 series, rules will be given where system chimney products in accordance with EN 1443 (and the relating product standards) are used in structurally independent chimneys.

This document does not cover the design and construction of connecting flue pipes.

Projektleder: Erling Richard Trudsø

91.060.50

Døre og vinduer

Doors and windows

Offentliggjorte forslag

DSF/ISO/DIS 21174

Deadline: 2025-03-30

Relation: ISO

Identisk med ISO/DIS 21174

Døre, vinduer og curtain walling – Beslag til døre og vinduer – Terminologi

This ISO standard specifies the terminology for hardware used in windows and pedestrian doors.

Hardware in this document refers to building hardware.

This document mainly only refers to the terminology of hardware used for the connection between window sash/casement, door leaf, and their corresponding frames as well as the hardware used for operating the window sash/casement and door leaf.

This document is neither for the terminology of fixing elements used as a means of connecting the hardware to the door and window sash/casement profile or frame,

nor the hardware used for connection between door/ window frame and their openings, such as screws, bolts, etc.

This document does not set out physical definitions related to performance requirements and associated test methods of the hardware.

Projektleder: Marika Englén

DSF/prEN 1191

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 1191

Vinduer og døre – Modstandsevne mod gentaget åbning og lukning – Prøvningsmetode

This document specifies the method to be used to determine the resistance to repeated opening and closing of windows and pedestrian doorsets when subjected to repeated opening and closing.

It applies to all construction materials and operating systems for any window or pedestrian doorset, including gaskets and building hardware, in normal operating conditions.

The parts concerned in the testing are the frame, the opening component (including any additional moving components e.g. an inactive sash/leaf) and all essential and directly involved building hardware, including operating devices, for example, the handle.

The testing does not include any hardware whose operation is not directly involved in the opening and closing of the moving components: added-on fastening systems such as peg-stays or cabin hooks or bolts, nor, unless specified, any independently installed stops (not connected to the complete assembly) such as a wall or ground-mounted stop.

NOTE 1 – The annexes provide more details on the testing procedures that can differ from the main part of this document and are normative:

- Annex A applies to tilt and turn, tilt-first, turn-only, or tilt-only windows and door-height windows;
- Annex B applies to sliding, lift and slide or lift and slide and tilt windows and door-height windows;
- Annex C applies to tilt and slide windows and door-height windows;
- Annex D applies to fold and slide windows and door-height windows;
- Annex E applies to horizontal and vertical pivot windows and door-height windows;
- Annex F applies to vertical sliding windows;
- Annex G applies to side-hung casements and top-hung windows, opening outwards (including reversible windows);
- Annex H applies to side-hung single and double action pedestrian doorsets excluding power operated doors;
- Annex I applies to power-operated (automatic) side-hung single action pedestrian doorsets.

NOTE 2 – In this document, the term door-height window is used for windows that are used for the passage of pedestrians, i.e. as a pedestrian doorset.

Projektleder: Marika Englén

91.080.13

Stålkonstruktioner

Steel structures

Offentliggjorte forslag

DSF/prEN 1090-5

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 1090-5

Udførelse af stål- og aluminiumkonstruktioner – Del 5: Tekniske krav til koldformede tyndpladeelementer og koldformede konstruktioner i aluminium anvendt til tage, lofter, gulve og vægge

This document specifies requirements for the execution i.e. the manufacture and the installation of cold-formed structural aluminium profiled sheeting, and for the installation of structural members made of aluminium for roof, ceiling, floor, wall and cladding applications.

This document applies to structures designed according to the EN 1999 series.

This document applies to profiled sheeting to be designed according to EN 1999 1 4.

This document also specifies requirements for the execution i.e. the manufacture and the installation of structures made from cold-formed profiled sheeting for roof, ceiling, floor and wall applications under predominately static loading or seismic loading conditions and their documentation.

This document covers products of Structural Class I and II and structural profiled sheeting in Structural Class III according to EN 1999 1 4 used in structures.

NOTE 1 – In National Annexes of EN 1999 1 4 specifications can be given regarding the use of the Structural Classes.

Structural profiled sheeting is understood here to be profiled sheet, such as trapezoidal or sinusoidal (Figure 1).

Perforated and micro profiled sheeting are also covered by this part.

This document also covers spacer constructions between the outer and inner or upper and lower skins as well as supporting members for roofs, walls and ceilings made from cold-formed profiled sheeting and the connections and attachments of the afore mentioned elements as long as they are involved in load transfer; it also covers connections and attachments of these elements (Figure 2).

A combination of steel and aluminium structural profiled sheeting are permitted, e.g. liner trays made of steel, stiffened by profiles made of aluminium. In this case, EN 1090 4 and this document apply.

This document also covers the deconstruction of structures made from cold-formed profiled sheeting and structural members for roof, ceiling, floor and wall applications.

This document does not cover the manufacturing of structural members of all structural classes according to EN 1999 1 4. These products are covered by EN 1090 3.

Welded sections are excluded from this part and are covered by EN 1090 3 except seal welding in low-stress areas.

Composite structural profiled sheeting where the interaction between dissimilar materials are an integral part of the struc-

tural behaviour such as sandwich panels and composite floors are not covered by this standard.

NOTE 2 – The structures covered in this standard can be for example

- single- or multi-skin roofs, whereby the load-bearing structure (lower skin) as well as the actual roof covering (upper skin) or both consist of structural profiled sheeting;

- single- or multi-skin walls whereby the load-bearing structure (inner skin) as well as the actual cladding (outer skin) or both consist of structural profiled sheeting; or

- suspended ceilings for interior fitting.

Projektleder: Erling Richard Trudsø

DSF/prEN 1993-7

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 1993-7

Eurocode 3 – Stålkonstruktioner – Del 7: Sandwichelementer

This Standard is applicable for the design of structural or self supporting systems made of sandwich panels with steel faces and core material with a Declaration of Performance (according to EN 14509-1 and -2) used as internal and external walls, roofs and ceilings.

Projektleder: Erling Richard Trudsø

91.080.17

Aluminiumkonstruktioner

Aluminium structures

Offentliggjorte forslag

DSF/prEN 1090-4

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 1090-4

Udførelse af stål- og aluminiumkonstruktioner – Del 4: Tekniske krav til koldformede konstruktionsstælelementer og koldformede konstruktioner anvendt til tage, lofter, gulve og vægge

This document specifies requirements for the execution, i.e. the manufacture and the installation, of cold-formed structural steel members and profiled sheeting and cold-formed structures for roof, ceiling, floor, wall and cladding applications.

This document applies to structures designed according to the EN 1993 series.

This document applies to structural members and profiled sheeting designed according to EN 1993 1 3.

This document can be used for structures designed according to other design rules provided that conditions for execution comply with them and any necessary additional requirements are specified.

This document also specifies requirements for the execution i.e. the manufacture and the installation of structures made from cold-formed profiled sheeting for roof, ceiling, floor and wall applications under predominately static loading or seismic loading conditions and their documentation.

This document covers structural profiled sheeting of Structural Class I and II and structural profiled sheeting in Structural

Class III according to EN 1993 1 3 used in structures.

NOTE 1 – In National Annexes of EN 1993 1 3 specifications can be given regarding the use of the Structural Classes.

This document covers structural members of all structural classes according to EN 1993 1 3.

Structural profiled sheeting is understood here to be:

- profiled sheet, such as trapezoidal, sinusoidal or liner trays (Figure 1).

Structural members are understood here to be:

- members (linear profiled cross sections) that are produced by cold forming (Figure 2).

This document also covers:

- not welded built-up sections (Figure 2d);
- cold-formed closed and hollow sections including the welding of the longitudinal seam (Figure 2b and Figure 2c), not covered by EN 10219 1;

– perforated, punctured and micro profiled sheeting and members;

The welding of built-up sections are not covered. The welding provisions are given in EN 1090 2.

This document also covers spacer constructions between the outer and inner or upper and lower skins for roofs, walls and ceilings made from cold-formed profiled sheeting and the connections and attachments of the afore mentioned elements as long as all has a structural purpose.

This document covers steel profiled sheeting for composite floors, e.g. during installation and in stage of pouring concrete.

This document also covers the deconstruction of structures made from cold-formed profiled sheeting and structural members for roof, ceiling, floor and wall applications.

Composite structural members where the interaction between dissimilar materials are an integral part of the structural behaviour such as sandwich panels and composite floors are not covered by this document.

This document does not cover the necessary analyses and detailing and execution rules for thermal insulation, moisture protection, noise control and fire protection.

This document does not cover regulations of roof cladding and wall cladding, produced by traditional plumber methods or tinsmith methods.

This document does not cover detailed requirements for water tightness or air permeability resistance and thermal aspects of profiled sheeting.

NOTE 2 – The structures covered in this document can be for example:

- single- or multi-skin roofs, whereby the load-bearing structure (lower skin) or the actual roof covering (upper skin) or both consist of cold-formed structural members and profiled sheeting;

- single- or multi-skin walls whereby the load-bearing structure (inner skin), the actual cladding (outer skin) or both consist of cold-formed structural members and profiled sheeting, or

- trusses from cold-formed members.

NOTE 3 – Structures can consist of an assembly of structural members and profiled sheeting made of steel according to EN

1090 4 and of aluminium according to EN 1090 5.

Projektleder: Erling Richard Trudsø

91.100.30

Beton og betonprodukter

Concrete and concrete products

Offentliggjorte forslag

DSF/prEN 18136

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 18136

Jordbrugskalk til beton – Del 1: Definition, specifikationer og overensstemmelseskrav

This document is applicable to ground limestone intended to be used as concrete addition, and for use in mortar and grouts.

The document specifies requirements for the chemical and physical properties as well as quality control procedures for ground limestone, for use as an addition for production of concrete conforming to EN 206.

This document does not specify provisions for the practical application of ground limestone in the production of concrete.

Projektleder: Alexander Mollan Bohn Christiansen

91.100.60

Termisk isolerende og lydisolerende materialer

Thermal and sound insulating materials

Offentliggjorte forslag

DSF/ISO/DIS 8144-1

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 8144-1

Termisk isolering – Måtter af mineraluld til ventilerede tagrum – Del 1: Specifikation for anvendelser med begrænset ventilation

Specifies the properties and acceptable tolerances for bonded mineral wool thermal insulating mats. Provides limiting values for most of the properties; design values may be derived from these. The mats specified are for use within ventilated roof spaces of buildings where the ventilation of the roof space may be restricted. The mats shall not change their properties and are dimensionally stable for the temperature and humidity conditions within a ventilated roof.

Projektleder: Alexander Mollan Bohn Christiansen

DSF/ISO/DIS 8144-2

Deadline: 2025-03-26

Relation: ISO

Identisk med ISO/DIS 8144-2

Termisk isolering – Måtter af mineraluld til ventilerede tagrum – Del 2: Specifikation for anvendelser med ubegrænset ventilation

Specifies the properties and acceptance tolerances for bonded mineral wool thermal insulating mats. The mats specified are only intended to be used for horizontal

applications with unrestricted ventilation and are not designed to support any applied load.

Projektleder: Alexander Mollan Bohn Christiansen

91.120.10

Varmeisolering af bygninger

Thermal insulation of buildings

Offentliggjorte forslag

DSF/EN ISO 52016-3:2023/prA1

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO 52016-3:2023/DAmD 1 og EN ISO 52016-3:2023/prA1

Bygningers energieffektivitet – Energibehov for rumopvarmning og -køling, indetemperaturer og belastninger med sensibel og latent varme – Del 3: Beregning af adaptive klimaskærmselementer – Tillæg 1: Redaktionelle rettelser og teknisk revision af annek C – Referencetrolscenarier for adaptive klimaskærmselementer dynamisk solafskærmning eller kromogene glaselementer

Procedures enabling to take into account the effect of adaptive building envelope elements in the calculation of the energy needs for heating, cooling, internal temperatures and sensible and latent heat loads for buildings.

ISO 52016-1:2017 contains a normative Annex G that provides already a framework for such calculation procedures. The aim of this new proposed standard is to work out calculation procedures instead of only a framework for the calculation.

Adaptive building envelope elements are (usually: transparent) elements in the building envelope with thermal and/or solar and/or visual properties that vary in time, either passively or due to an active control.

The aim of adaptive building envelope elements is to improve the energy performance and/or comfort in the building under varying outdoor conditions (weather, season), indoor conditions (e.g. internal heat gains) and user needs.

Examples of adaptive building envelopes are products or assemblies with one or more of the following features:

- movable blinds,
- controllable vents,
- switchable glazing,
- movable thermally insulating shutters,
- PV integrated glazing (leading to variable total (thermal) solar energy transmittance),
- double skin facades.

The input data for the calculation are the thermal, solar and visual properties of the building element for the different states (e.g. from open to closed, from dark to light and combinations of these); and in case of gradually varying properties: for a number of representative discrete states.

In order to be able to use these properties for energy and internal temperature calculations, the details of the (passive or

active) control protocol are needed as input as well.

The thermal, solar and visual properties of the building element are the thermal transmittance (U-value), air permeability (L-value) and solar transmittance (g-value). Or, where needed, the properties per component: e.g. thermal resistances and air permeability per component, solar absorptance and solar and visual transmittance per component. It is assumed that the existing standards on glazing (ISO/TC 160/SC 2, CEN/TC 129) and on building elements (especially the EPB standards recently revised under ISO/TC 163/SC 2 and CEN/TC 89) enable to obtain these input data in most cases.

No ready-to-use international standards exist for the assumptions on the control protocol. EN 15232-1 (and ISO 52120-1 in preparation) provides some guidance.

The output of this standard should also be usable to compare products and assemblies. Due to the interactive nature of adaptive building envelope elements, this may require the use of specific reference buildings and occupant patterns (similar as for current international standards on energy performance rating of glazings and windows).

Projektleder: Alexander Mollan Bohn Christiansen

91.140.10

Centralvarmeanlæg

Central heating systems

Nye Standarder

DS/EN 15502-2-1:2022+A1:2023/
AC:2024

DKK 0,00

Identisk med EN 15502-2-1:2022+A1:2023/AC:2024

Gasfyrede centralvarmekedler – Del 2-1: Specifik standard for type C-apparater og type B2-, B3- og B5-apparater med nominal indfyret effekt ikke over 1 000 kW

This document specifies the requirements and test methods, as well as the classification and marking of gas-fired central heating boilers that are fitted with atmospheric burners, fan assisted atmospheric burners or fully premixed burners, and are hereafter referred to as "boilers".

This document is intended to be used in conjunction with EN 15502-1:2021.

This document covers gas-fired central heating boilers from the types C1 up to C(11) and the types B2, B3 and B5:

NOTE 1 – For further background information on appliance types see EN 1749:2020.

a) that have a nominal heat input (on the basis of net calorific value) not exceeding 1 000 kW;

b) that use one or more combustible gases of the three gas families at the pressures stated in EN 437:2021;

c) where the temperature of the heat transfer fluid does not exceed 105 °C during normal operation;

d) where the maximum operating pressure in the water circuit does not exceed 6 bar;

e) which can give rise to condensation under certain circumstances;

f) which are declared in the instructions for installation to be either a "condensing" boiler or a "low temperature boiler" or a "standard boiler"; if no declaration is given the boiler is to be considered a "standard boiler";

g) which are intended to be installed inside a building or in a partially protected place;

h) which are intended to produce also hot water either by the instantaneous or storage principle as a single unit;

i) which are designed for either sealed water systems or for open water systems;

j) which are either modular boilers, or non-modular boilers.

k) which are from the types C(10) that are equipped with a gas-air ratio control and that have a Δp_{max} , $saf(min)$ of 25 Pa, and C(11) that have condensing boiler modules that are equipped with a gas-air ratio control and that have a Δp_{max} , $saf(min)$ of 25 Pa.

NOTE 2 – This document provides requirements for boilers with known constructions. For boilers with any alternative constructions, which might not fully be covered by this standard, the risk associated with this alternative construction needs to be assessed.

An example of an assessment methodology, based upon risk assessment, is given in Clause 11.

This document does not cover all the requirements for:

aa) appliances above 1 000 kW;

ab) appliances that are intended to be connected to gas grids where the quality of the distributed gas is likely to vary to a large extent over the lifetime of the appliance (see Annex AB of EN 15502-1:2021);

ac) appliances using flue dampers;

ad) appliances of the types B21, B31, B51, C21, C41, C51, C61, C71, C81, C(12) and C(13);

ae) C7 appliances that have a nominal heat input (on the basis of net calorific value) exceeding 70 kW;

af) appliances incorporating flexible plastic flue liners;

ag) C(10) boilers:

1) without a gas-air ratio control, or

2) which are non-condensing appliances, or

3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δp_{max} , $saf(min)$);

ah) C(11) boilers that have boiler modules:

1) without a gas-air ratio control, or

2) which are non-condensing appliances, or

3) which have a maximum safety pressure difference at minimum heat input not equal to 25 Pa (Δp_{max} , $saf(min)$);

ai) appliances intended to be connected to a flue having mechanical extraction;

aj) surface temperatures of external parts particular to children and elderly people;

ak) appliances that are intended to burn natural gases of the second family where hydrogen is added to the natural gas;

al) appliances equipped with an adaptive combustion control function (ACCF);

am) boilers intended to be installed in areas accessible to elderly people and children.

Projektleder: Helle Harms

91.140.30

Ventilationssystemer og klimaanlæg

Ventilation and air-conditioning systems

Offentliggjorte forslag

DSF/prEN 15665

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 15665

Ventilation i bygninger – Ventilationssystemer til boliger – Design

This document provides guidance for the design of ventilation systems for basic ventilation in residential buildings to achieve an acceptable indoor air quality. It gives two approaches:

- prescriptive approach;

- performance-based approach.

This document establishes guidelines for the usage of both the prescriptive and performance-based approaches. This document specifies performance indicators that can be used with the performance-based approach.

This document partly covers intensive ventilation for indoor air quality purposes.

This document concerns residential buildings but primarily focuses on dwellings (flats, apartments, and houses) and is also applicable to parts of other types of residential buildings.

This document is applicable to, but not limited to:

- mechanical ventilation;

- natural ventilation;

- hybrid ventilation.

This document does not apply to:

- dilution of tobacco smoke or radon and other soil gases;

- ventilation of garages, roof voids, sub-floor voids, wall cavities and other spaces in the structure, under, over or around the living space;

- providing air for combustion appliances;

- air cleaning (e.g. portable stand-alone air cleaners to clean the indoor air);

- air humidification or de-humidification;

- thermal comfort in regard to overheating aspects.

This document does not deal with the assessment of energy performance of buildings.

Projektleder: Charlotte Vartou Forsingdal

91.140.50**Elektriske installationer**

Electricity supply systems

Offentliggjorte forslag**DSF/HD 60364-5-57:2022/prAA:2025****Deadline: 2025-03-26**

Relation: CLC

Identisk med HD 60364-5-57:2022/
prAA:2025**Elektriske lavspændingsinstallationer – Del 5: Valg og installation af elektrisk materiel – Pkt. 57: Fastinstallerede genopladelige batterier**

Annex to HD 60364-5-57 ed.1 to cover European content

Projektleder: Lars Kamarainen

DSF/prHD IEC 60364-7-717:2024**Deadline: 2025-03-05**

Relation: CLC

Identisk med IEC 60364-7-717 ED3
og prHD IEC 60364-7-717:2024**Elektriske lavspændingsinstallationer – Del 7-717: Krav til særlige installationer eller lokationer – Mobile eller transportable enheder**

The particular requirements as specified in this part of IEC 60364 applies to electrical installations of mobile units or transportable units, hereby referred to as units.

The requirements of this part are not applicable to:

- generating sets,
- pleasure crafts;
- caravans and motor caravans;
- electrical circuits and equipment for automotive purposes;

Projektleder: Lars Kamarainen

91.140.60**Vandinstallationer**

Water supply systems

Nye Standarder**DS/EN ISO 4064-3:2025**

DKK 880,00

Identisk med ISO 4064-3:2024

og EN ISO 4064-3:2025

Vandmålere til koldt drikkevand og varmt vand – Del 3: Prøvningsrapporters format

This document specifies a test report format to be used in conjunction with ISO 4064-1:2024|OIML R 49-1:2024 and ISO 4064-2:2024|OIML R 49-2:2024 for water meters for cold potable water and hot water.

Projektleder: Henryk Stawicki

DS/EN ISO 4064-4:2025

DKK 665,00

Identisk med ISO 4064-4:2024

og EN ISO 4064-4:2025

Vandmålere til koldt drikkevand og varmt vand – Del 4: Ikke-metrologiske krav, der ikke er dækket af ISO 4064-1

This document applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water

meters incorporate devices which indicate the integrated volume.

This document specifies technical characteristics and pressure loss requirements for meters for cold potable water and hot water. It applies to water meters which can withstand:

- a) a maximum admissible pressure (MAP) equal to at least 1 MPa1) [0,6 MPa for meters for use with pipe nominal diameters (DNs) ≥ 500 mm];
- b) a maximum admissible temperature (MAT) for cold potable water meters of 30 °C;
- c) a MAT for hot water meters of up to 180 °C, depending on class.

In addition to meters based on mechanical principles, this document also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to meter the volume flow of hot water and cold potable water. It also applies to electronic ancillary devices. As a rule ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter.

- 1) 1 MPa = 10 bar (1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm²).

Projektleder: Henryk Stawicki

DS/IEC SRD 63301-1:2024

DKK 747,00

Identisk med IEC SRD 63301-1:2024 ED1

Smarte byer: usecase-indsamling og -analyse – Vandsystemer i smarte byer – Del 1: Analyse på højt niveau

IEC SRD 63301-1:2024 provides an overview of water systems in smart cities, establishes a general approach for use case collection and analysis, and identifies major stakeholders and application areas for high-level analysis of water systems.

The construction of a smart city can create benefits for a society and its stakeholders. Water is a critical resource to support urban development and its sustainable use is recognized as a UN Sustainable Development Goal. Water infrastructure development, water management efficiency, water supply resilience, and the safe operation and use of water are important focal areas for smart cities.

This document focuses on water systems management, specifically water security whether directly from a natural source or via man-made infrastructure. Information and communications technologies (ICT) and electro-technologies can provide greater visibility and control, however their application does depend on the characteristics of individual water markets. Technology is not a panacea for resolving all issues and problems.

A gap exists in effective coordination and clear orientation and how industry and stakeholders are engaged within it.

Major stakeholders of water management and use include citizens, the water authority (government), and organizations (associations, business groups, utility companies). Each stakeholder has different and competing interests, market relationships and touch points to water system

infrastructure, processes, operations, management and use.

Modelling these complex interactions into a systems architecture is a valuable exercise in understanding the issues, gaps and opportunities for sustainable water management.

This document focuses on use case collection and analysis to elicit requirements to support technical committees in preparing sustainable water management standards for cities and communities.

Projektleder: Tomas Lundstrøm

DS/ISO 4064-3:2024

DKK 810,00

Identisk med ISO 4064-3:2024

Vandmålere til koldt drikkevand og varmt vand – Del 3: Prøvningsrapporters format

This document specifies a test report format to be used in conjunction with ISO 4064-1:2024|OIML R 49-1:2024 and ISO 4064-2:2024|OIML R 49-2:2024 for water meters for cold potable water and hot water.

Projektleder: Henryk Stawicki

DS/ISO 4064-4:2024

DKK 575,00

Identisk med ISO 4064-4:2024

Vandmålere til koldt drikkevand og varmt vand – Del 4: Ikke-metrologiske krav, der ikke er dækket af ISO 4064-1

This document applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the integrated volume.

This document specifies technical characteristics and pressure loss requirements for meters for cold potable water and hot water. It applies to water meters which can withstand:

- a) a maximum admissible pressure (MAP) equal to at least 1 MPa1) [0,6 MPa for meters for use with pipe nominal diameters (DNs) ≥ 500 mm];
- b) a maximum admissible temperature (MAT) for cold potable water meters of 30 °C;
- c) a MAT for hot water meters of up to 180 °C, depending on class.

In addition to meters based on mechanical principles, this document also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to meter the volume flow of hot water and cold potable water. It also applies to electronic ancillary devices. As a rule ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter.

- 1) 1 MPa = 10 bar (1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm²).

Projektleder: Henryk Stawicki

91.140.80

Afløbsinstallationer

Drainage systems

Offentliggjorte forslag

DSF/ISO/DIS 11300-1

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-2

Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DIS 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

- lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-3

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 13272

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 13272

Plastrørssystemer til jordlagte trykløse afløb – PVC-U, PP, PP-MD og PE – Specifikationer for nedstignings- og inspektionsbrønde i trafikerede områder og underjordiske anlæg

ISO 13272:2011 specifies the definitions and requirements for buried manholes and inspection chambers (circular or non-

circular) installed to a maximum depth of 6 m from ground level to the invert of the main chamber and manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifiers (PP-MD) or polyethylene (PE). These products are intended for use in traffic areas and underground installations conforming to the general requirements given in EN 476 and are used outside the building structure (application area code "U"). They are therefore marked accordingly with a "U".

ISO 13272:2011 is only applicable to those chamber/manhole items where the manufacturer has clearly stated in the documentation how the components shall be assembled to create a complete manhole or inspection chamber.

The inspection chambers covered by ISO 13272:2011 comprise the following:

inspection chambers providing access to the drainage or sewerage system by means of inspection and cleaning equipment;

chambers designated as manholes providing man access to the drainage or sewerage system.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-1

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-1

og prEN ISO 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
 - lining with close-fit pipes;
- and technique families for trenchless replacement:
- pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in

Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-2

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-2

og prEN ISO 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

- lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25 °C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-3

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-3

og prEN ISO 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as instal-

led. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

91.160.10

Indvendig belysning

Interior lighting

Nye Standarder

DS/EN 1838:2024

DKK 575,00

Identisk med EN 1838:2024

Belysning – Nødbelysning til bygninger

This document specifies the luminous requirements for emergency lighting systems, including adaptive emergency escape lighting systems, electric emergency lighting, installed in premises or locations where such systems are required or needed and which are principally applicable to locations where the public or workers have access.

Projektleder: Lise Schmidt Aagesen

91.220

Anlægsudstyr

Construction equipment

Offentliggjorte forslag

DSF/prEN ISO 19432-2

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 19432-2

og prEN ISO 19432-2

Maskiner og udstyr til bygningskonstruktion – Bærbare, håndholdte skæremaskiner med forbrændingsmotor Del 2: Maskiner med skærekæder – Sikkerhedskrav

This International Standard specifies safety requirements, and measures for their verification, for the design and construction of portable, hand-held, internal combustion engine-driven machines for abrasive chains, intended to be used by a single operator in the cutting of construction materials, such as concrete, stone and metal. It is applicable only to those machines designed purposely for use with a water-cooled abrasive chain only, where the top of the abrasive chain rotates away from the operator.

ISO 19432-2 is not applicable to:

Cut-off machines for centre-mounted rotating abrasive wheels, which are covered by ISO 19432-1.

Chain saws for forestry service, which are covered by ISO 11681-1.

Chain saws for tree service, which are covered by ISO 11681-2.

NOTE: Clarification of product class; machinery in the scope of this standard, is designed to only cut construction materials, such as concrete, stone, metal and the like. The cutting means is by grinding with an abrasive chain through the work-piece, using a continuous water supply as a coolant, lubricant and dust suppression. This kind of machinery is not intended for use

with conventional wood cutting saw chain with defined sharpened cutting edges.

This International Standard deals with all significant hazards, hazardous situations or hazardous events significant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. (See Annex X for a list of significant hazards.)

This International Standard specifies methods for the elimination or reduction of hazards arising from their use, as well as the type of information on safe working practices to be provided with the machines.

Projektleder: Helle Harms

93.010

Anlægsvirksomhed. Generelt

Civil engineering in general

Nye Standarder

DS/EN ISO 19650-6:2025

DKK 575,00

Identisk med ISO 19650-6:2025

og EN ISO 19650-6:2025

Organisering og digitalisering af information om bygge- og anlægsarbejder, herunder BIM – Informationshåndtering med BIM – Del 6: Sundheds- og sikkerhedsinformation

This document specifies concepts and principles for classifying, sharing and delivering health and safety information collaboratively, to secure the economic, environmental and social benefits.

This document:

- a) specifies requirements for the collaborative sharing of structured health and safety information throughout project and asset life cycles;
- b) supports the digitization of structured health and safety information in project and asset life cycles progressively from the outset;
- c) provides specification on how health and safety information is shared for use throughout project and asset life cycle;
- d) sets out a health and safety information cycle framework for the identification, use, sharing and generalization of health and safety information through information management processes.

This document is applicable to individuals and organizations that contribute to and influence the procurement, design, construction, use (including maintenance) and end-of-life of building and infrastructure assets.

The principles and requirements of this document can be applied equally to delivery or in-use phases not using BIM.

Projektleder: Alexander Mollan Bohn Christiansen

DS/ISO 19650-6:2025

DKK 575,00

Identisk med ISO 19650-6:2025

Organisering og digitalisering af information om bygge- og anlægsarbejder, herunder BIM – Informationshåndtering med BIM – Del 6: Sundheds- og sikkerhedsinformation

This document specifies concepts and principles for classifying, sharing and delivering health and safety information collaboratively, to secure the economic, environmental and social benefits.

This document:

- specifies requirements for the collaborative sharing of structured health and safety information throughout project and asset life cycles;
- supports the digitization of structured health and safety information in project and asset life cycles progressively from the outset;
- provides specification on how health and safety information is shared for use throughout project and asset life cycle;
- sets out a health and safety information cycle framework for the identification, use, sharing and generalization of health and safety information through information management processes.

This document is applicable to individuals and organizations that contribute to and influence the procurement, design, construction, use (including maintenance) and end-of-life of building and infrastructure assets.

The principles and requirements of this document can be applied equally to delivery or in-use phases not using BIM.

Projektleder: Alexander Mollan Bohn Christiansen

93.025

Eksterne vandledningssystemer

External water conveyance systems

Offentliggjorte forslag

DSF/ISO/DIS 11300-1

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
- lining with close-fit pipes;

and technique families for trenchless replacement:

- pipe bursting and pipe extraction;
- horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

– PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-2

Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DIS 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

- lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-3

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with close-fit pipes.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-1

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-1

og prEN ISO 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

- lining with continuous pipes;
- lining with close-fit pipes;
- and technique families for trenchless replacement:
 - pipe bursting and pipe extraction;
 - horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

- PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermopla-

stics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-2

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-2

og prEN ISO 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

– lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-3

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-3

og prEN ISO 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with close-fit pipes.

Projektleder: Henryk Stawicki

93.030

Eksterne vand- og afløbssystemer

External sewage systems

Offentliggjorte forslag

DSF/ISO/DIS 11300-1

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-1

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with continuous pipes;

– lining with close-fit pipes;

and technique families for trenchless replacement:

– pipe bursting and pipe extraction;

– horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

– PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-2

Deadline: 2025-03-05

Relation: ISO

Identisk med ISO/DIS 11300-2

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

– lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 11300-3

Deadline: 2025-03-04

Relation: ISO

Identisk med ISO/DIS 11300-3

Rørsystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with close-fit pipes.

Projektleder: Henryk Stawicki

DSF/ISO/DIS 13272

Deadline: 2025-03-09

Relation: ISO

Identisk med ISO/DIS 13272

Plastrørssystemer til jordlagte trykløse afløb – PVC-U, PP, PP-MD og PE – Specifikationer for nedstignings- og inspektionsbrønde i trafikerede områder og underjordiske anlæg

ISO 13272:2011 specifies the definitions and requirements for buried manholes and inspection chambers (circular or non-

circular) installed to a maximum depth of 6 m from ground level to the invert of the main chamber and manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifiers (PP-MD) or polyethylene (PE). These products are intended for use in traffic areas and underground installations conforming to the general requirements given in EN 476 and are used outside the building structure (application area code "U"). They are therefore marked accordingly with a "U".

ISO 13272:2011 is only applicable to those chamber/manhole items where the manufacturer has clearly stated in the documentation how the components shall be assembled to create a complete manhole or inspection chamber.

The inspection chambers covered by ISO 13272:2011 comprise the following:

inspection chambers providing access to the drainage or sewerage system by means of inspection and cleaning equipment;

chambers designated as manholes providing man access to the drainage or sewerage system.

Projektleder: Henryk Stawicki

DSF/prEN 15383

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 15383

Plastrørssystemer til afløb – Glasfiberforstærket hærdplastrør (GRP) baseret på polyesterharpiks (UP) – Nedstignings- og inspektionsbrønde

This document applies to a) manholes, when made from glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP);

b) inspection chambers, when made from glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) which are intended to be used with inverts which are at a depth not exceeding 2 m.

These products are intended to be used within a drain or sewer system operating without pressure or occasionally at a head of pressure up to 1 bar.

It applies to products, and their joints, intended for use in buried installations and to be installed by open-trench techniques.

The units have a circular shape with nominal sizes as specified in EN ISO 23856.

The intended use of these products is to provide access to, buried drain or sewer systems for the conveyance of waste water at temperatures up to 50 °C, without pressure or occasionally at a head of pressure up to 1 bar, outside buildings and installed in areas subjected to vehicle and/or pedestrian traffic.

It specifies definitions including symbols, requirements and characteristics of manholes, inspection chambers, joints, materials, test methods and marking.

NOTE – It is the responsibility of the purchaser or specifier to make the appropriate selections, taking into account their particular requirements and any relevant national regulations and installation practices or codes.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-1

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-1

og prEN ISO 11300-1

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 1: PE

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines.

It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with continuous pipes;

– lining with close-fit pipes;

and technique families for trenchless replacement:

– pipe bursting and pipe extraction;

– horizontal directional drilling and impact moling.

and intended to be used at an operating temperature of 20 °C as the reference temperature.

NOTE – For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A.

When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to:

PE solid wall single layered pipes, (nominal outside diameter; dn), including any identification stripes;

PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter; dn), as specified in Annex E, where all layers have the same MRS rating.

Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to:

– PE coated pipes (outside diameter; dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E.

This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-2

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-2

og prEN ISO 11300-2

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 2: Termohærdende kompositmaterialer

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which

transport water intended for human consumption, including raw water intake pipelines.

It is applicable to the renovation technique family:

– lining with cured-in-place pipes (CIPP).

It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1).

It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks.

For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline.

It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Projektleder: Henryk Stawicki

DSF/prEN ISO 11300-3

Deadline: 2025-03-19

Relation: CEN

Identisk med ISO/DIS 11300-3

og prEN ISO 11300-3

Rørssystemer til renovering af jordlagte afløbs- og vandforsyningsnet – Del 3: PVC-U

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks.

It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline.

It is applicable to technique families for renovation:

– lining with close-fit pipes.

Projektleder: Henryk Stawicki

93.080.20

Vejbygningsmaterialer

Road construction materials

Offentliggjorte forslag

DSF/prEN 12697-10

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 12697-10

Bituminøse blandinger – Prøvningsmetoder – Del 10: Komprimerbarhed

This document describes three test methods for characterizing the compactability of a bituminous mix, by the relation between its density or void content and the compaction energy applied to it, using an impact (Marshall) compactor, gyratory compactor, or a vibratory compactor.

This document applies to bituminous mixtures, both those prepared in laboratory and those resulting sampled from plant

produced mixtures. The results of the test method serve to supplement the results of mixture design.

Projektleder: Helle Harms

DSF/prEN 12697-18 **Deadline: 2025-03-30**

Relation: CEN

Identisk med prEN 12697-18

Bituminøse blandinger – Prøvningsmetoder – Del 18: Afrinding af bindemiddeldel

This document describes two test methods:

- basket method (see Clause 4);
- beaker method (see Clause 5).

The basket method describes a method for determining binder drainage of bituminous mixtures. This method directly measures binder drainage, but when carried out on bituminous mixtures with fibres or mixtures whose mortar content is higher than in porous asphalt some clogging of the holes in the drainage baskets can occur, limiting the drainage of the binder. The basket method can be used either for determining the binder drainage for different binder content, or with a single binder content, eliminating the successive repetitions. It also enables the effects of varying fine aggregate types or including any anti-draining additive to be quantified. The beaker method describes a method for determining binder drainage of bituminous mixtures. It is applicable to asphalt materials that are not porous asphalt or for porous asphalt incorporating fibres. It can be used either for determining the binder drainage for different binder content, or with a single binder content, eliminating the successive repetitions. It also enables the effects of varying fine aggregate types or including any anti-draining additive to be quantified.

Projektleder: Helle Harms

93.080.30 **Vejudstyr og installationer**

Road equipment and installations

Offentliggjorte forslag

DSF/prEN 124-7 **Deadline: 2025-03-31**

Relation: CEN

Identisk med prEN 124-7

Brønddæksler med karm til kørebane- og gangarealer – Del 7: Brønddæksler fremstillet af polyamid

This document applies to gully tops and manhole tops with a clear opening up to and including 1 000 mm for installation within areas subjected to pedestrian and/or vehicular traffic.

It applies for manhole tops and gully tops of classes A 15 to D 400 made from polyamide (PA 6 and PA 6.6) by casting or injection-moulding.

This document is only applicable in combination with EN 124-1 and prEN 124-700.

This document does not apply

- for fillings installed on site, e.g. concrete, paving blocks etc.,

- for gratings as part of prefabricated drainage channels according to EN 1433,
- to floor and roof gullies in buildings which are specified in EN 1253 (all parts) and to surface boxes.

Projektleder: Henryk Stawicki

DSF/prEN 124-700 **Deadline: 2025-03-31**

Relation: CEN

Identisk med prEN 124-700

Brønddæksler med karm til kørebane- og gangarealer – Del 700: Fabrikkens egen produktionskontrol og tredje-parts overvågning og certificering af brønddæksler fremstillet af polyamid

This document describes procedures for factory production control, third party inspection, and certification for verifying the conformity of gully tops and manhole tops with a clear opening up to and including 1 000 mm for installation within areas subjected to pedestrian and/or vehicular traffic in accordance with prEN 124-7.

This document is only applicable in combination with prEN 124-7. The quality management system is expected to conform to or to be no less stringent than the relevant requirements of EN ISO 9001.

This document details the applicable characteristics to be assessed for type testing, batch release test, process verification test and audit test, as well as frequency and sampling for testing products according to prEN 124-7.

Projektleder: Henryk Stawicki

93.100 **Bygning af jernbaner** Construction of railways

Offentliggjorte forslag

DSF/prEN 14587-3 **Deadline: 2025-03-10**

Relation: CEN

Identisk med prEN 14587-3

Jernbaner – Spor – Brandstudsvejsning af skinner – Del 3: Svejsning i forbindelse med sporskiftekonstruktioner

This document specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production.

This document applies to new Vignole rails manufactured in accordance to EN 13674-1 and welded by flash butt welding to crossing components in a fixed plant, and intended for use on railway infrastructures.

This document applies to cast Manganese crossings manufactured to EN 15689, fabricated crossings manufactured from rail and crossings manufactured from forged/rolled premium steels.

NOTE – EN 14587-1 is also used for the flashed butt welding of switches.

Sometimes special profiles exist in crossing construction, which are not rail profiles as defined in EN 13674 series (example: profile with machined off rail foot). In these cases, tests are defined by the railway authority in participation with the manufacturer.

Projektleder: Per Velk

DSF/prEN 18146 **Deadline: 2025-03-10**

Relation: CEN

Identisk med prEN 18146

Jernbaner – Infrastruktur – Ikke-skinnebårne maskiner og tilhørende udstyr beregnet til jernbaneinfrastrukturarbejde – Tekniske og sikkerhedsmæssige krav ved udførelse af arbejde

1.1 General

This document specifies the requirements for machines and associated equipment, without rail-wheels, designed and intended for work on railway infrastructure, henceforward referred to as 'MWR'. This document also covers MWR intended for use on urban rail infrastructure. The types of MWR covered by this document also include:

- MWR with power driven mechanisms;
- MWR with manually driven mechanisms;
- hand held machines (with ability to attach to track).

NOTE 1 – Railway maintenance and infrastructure inspection machines fitted with rail-wheels are dealt with in other European standards, see CEN/TR 17498:2020.

This document specifies the requirements to deal with the common hazards during transport, assembly and installation, commissioning, working, including setting up, programming, and process changeover, operation, cleaning, fault finding, maintenance and decommissioning of MWR and associated equipment when they are used as intended and under conditions of misuse which are reasonably foreseeable.

The requirements set out in this document are intended to control the hazards associated with the engineering aspects of MWR.

NOTE 2 – It is anticipated that a safe system of work (see EN 16704-1:2017) will additionally be required.

NOTE 3 – It is anticipated that the manufacturer of the MWR will comply with the Machinery Directive/Machinery Regulations.

1.2 Validity of this document

This document applies to all machines, which are ordered one year after the publication date by CEN of this document.

1.3 Additional application of this document

Infrastructure managers could use this document for certain aspects of a machine that has not been designed specifically for use in a railway environment where the design of these aspects assumes an additional safety relevance when used in a railway environment.

Projektleder: Per Velk

97.040.20

Komfurer, arbejdsborde, ovne og lignende udstyr

Cooking ranges, working tables, ovens and similar appliances

Offentliggjorte forslag

DSF/prEN 203-2-3

Deadline: 2025-03-31

Relation: CEN

Identisk med prEN 203-2-3

Gasforbrugende storkøkkenudstyr – Del 2-3: Specifikke krav – Kogekar og pastakogere

The scope of EN 203-1:2021+A1:2023 applies, with the following modifications:
- replace the 2nd paragraph with the following:

This document applies to gas heated boiling pans and pasta cookers.

Projektleder: Helle Harms

DSF/prEN 203-2-8

Deadline: 2025-03-31

Relation: CEN

Identisk med prEN 203-2-8

Gasforbrugende storkøkkenudstyr – Del 2-8: Specifikke krav – Brade- og paellapander

The scope of EN 203 1:2021+A1:2023 applies, with the following modifications:
- replace the 2nd paragraph with the following:

This document applies to brat pans.

Projektleder: Helle Harms

97.040.30

Køleskabe til husholdningsbrug

Domestic refrigerating appliances

Offentliggjorte forslag

DSF/prEN 732

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 732

Specifikationer for LPG-gasapparater – Absorptionskøleskabe

This standard specifies the constructional and operational characteristics, the safety requirements, test methods and marking of absorption refrigerators for use with butane, propane and their mixture in the vapour phase.

This standard is applicable to room sealed (Type C11) and (Type A1) as defined in EN 1749, refrigerators using gas equipment fuelled by third family gases (LPG). This standard is applicable for:

- portable cooling appliances
- refrigerating appliances installed in vehicles, caravan holiday homes, boats, or leisure lodges.

Note 1: Boats considered in this standard are recreational crafts covered by European Directive 2012/53/EU.

The gas consumption of absorption refrigerators is of the same order of magnitude as pilots currently used on other types of burners, maximum being 60 g/h. Consequently, efficiency measurement is not

considered relevant for these appliances, and it is not covered by this standard.

This standard is also applicable for refrigerator/freezing combinations.

Projektleder: Helle Harms

97.120

Automatiske styringer til husholdningsbrug

Automatic controls for household use

Offentliggjorte forslag

DSF/prEN IEC 60730-2-5:2025

Deadline: 2025-03-10

Relation: CLC

Identisk med IEC 60730-2-5 ED5 og prEN IEC 60730-2-5:2025

Automatiske elektriske styringer – Del 2-5: Særlige krav til automatiske elektriske styringssystemer til brændere

This clause of Part 1 is replaced by the following:

This document applies to automatic electrical burner control systems for the automatic control of burners for oil, gas, coal or other combustibles intended to be used

- for household and similar use,
- in shops, offices, hospitals, farms and commercial and industrial applications.

NOTE 1 – Throughout this document, where it can be used unambiguously, the word "system" means

"burner control system" and "systems" means "burner control systems".

- for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications;

NOTE 2 – Throughout this document, the word "equipment" means "appliance and equipment." EXAMPLE 1

Controls for commercial catering, heating and air-conditioning equipment.

- that are smart enabled controls;

Projektleder: Pernille Annette Henriksen

97.140

Møbler

Furniture

Offentliggjorte forslag

DSF/EN 1729-2:2023/prA1

Deadline: 2025-03-17

Relation: CEN

Identisk med EN 1729-2:2023/prA1

Møbler – Stole og borde til uddannelsesinstitutioner – Del 2: Sikkerhedskrav og prøvningsmetoder

This document specifies safety requirements and test methods for chairs and tables for general educational purposes in educational institutions including kindergarten, childcare institutions and early years education settings.

It applies to furniture for use with laptop computers or portable devices, but not to special purpose workstations, e.g. laboratories, ranked seating and workshops.

The chairs fulfilling the applicable requirements of this document are suitable for users weighing up to 110kg.

The figures illustrate test principles only and cannot be used to carry out the tests.

NOTE – EN 1729-1 specifies functional dimensions and marking of chairs and tables for general educational institutions.

Annex A (informative) gives a test method for determination of the displacement of chairs placed on tabletops.

Projektleder: Helle Harms

DSF/ISO/DIS 25131

Deadline: 2025-03-23

Relation: ISO

Identisk med ISO/DIS 25131

Møbelbeslag – Styrke og holdbarhed af hængsler og deres komponenter – Stivere og hængsler, der drejer om en horisontal akse

This document specifies test methods and requirements for the strength and durability of all types of stays and hinges pivoting on a horizontal axis and their components for all fields of application.

The tests consist of the application of loads, forces and velocities simulating normal functional use, as well as misuse, that might reasonably be expected to occur.

With the exception of the corrosion test in 6.4, the tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes.

The strength and durability tests only relate to stays and hinges pivoting on a horizontal axis and the parts used for the attachment, e.g. screws.

The strength and durability tests are carried out in a test frame with specified properties. The test results can only be used as a guide to the performance of a piece of furniture.

The test results are only valid for the products tested. These results may be used to represent the performance of production models provided that the tested model is representative of the production model.

Ageing and influences of heat and humidity are not included.

Projektleder: Helle Harms

97.150

Ikke-textile gulvbelægninger

Non-textile floor coverings

Offentliggjorte forslag

DSF/ISO/FDIS 14486

Deadline: 2025-02-15

Relation: ISO

Identisk med ISO/FDIS 14486

Laminatgulvbelægninger – Specifikation

This International Standard specifies the characteristics of laminate floor coverings, supplied in either tile or plank form. To encourage the consumer to make an informed choice, the standard includes a classification system (see ISO 10874) based on intensity of use, which shows where these floor coverings should give satisfactory

service. It also specifies requirements for marking and packaging.

Laminate floor coverings are generally designed for floating installations for interior use and are considered for domestic and commercial levels of use, including domestic kitchens. This document does not specify requirements relating to the use in areas which are subjected to frequent wetting, such as bathrooms, laundry rooms or saunas. In general laminate floor coverings can only be used in those areas when authorized by the manufacturer and under conditions described in the manufacturer's installation guidelines.

Projektleder: Marika Englén

DSF/prEN ISO 11378-2

Deadline: 2025-03-09

Relation: CEN

Identisk med ISO/DIS 11378-2

og prEN ISO 11378-2

Tekstilgulvbelægninger – Tilsmudsning i laboratorium – Del 2: Tromleprøvning

This part of ISO 11378 describes the equipment and the test method for assessing the propensity of textile floor coverings to soiling in the absence of abrasive wear and texture changes using a standard artificial soil composition.

This test method is applicable for use in testing unused textile floor coverings of all types.

The scope of this test method can be extended to assess the effects of fibre finishes, cleaning chemicals and cleaning equipment (see annex A).

Projektleder: Marika Englén

97.190

Udstyr til børn

Equipment for children

Nye Standarder

DS/EN 71-18:2024

DKK 440,00

Identisk med EN 71-18:2024

Legetøj – Sikkerhedskrav – Del 18: Phenol i vandbaserede og polymere legetøjsmaterialer

This document specifies requirements and test methods for determining the concentration of phenol in aqueous toy materials and for migration of phenol from polymeric toy materials. This document is applicable to toys intended for use by children under 36 months or other toys intended to be placed in the mouth.

NOTE – The European Commission Guidance Document No 11 on the Application of Directive 2009/48/EC on the Safety of Toys [4] provides guidelines to help on the classification of toys intended for children under 36 months of age or of 36 months and over.

Projektleder: Pernille Annette Henriksen

DS/EN 71-19:2024

DKK 355,00

Identisk med EN 71-19:2024

Legetøj – Sikkerhedskrav – Del 19: Migration af bisphenol A fra legetøjsmaterialer

This document specifies requirements and a test method for migration of bisphenol A

from toy materials. This document is applicable to toys intended for use by children under 36 months or other toys intended to be placed in the mouth.

NOTE – The European Commission Guidance Document No 11 on the Application of Directive 2009/48/EC on the Safety of Toys [3] provides guidelines to help on the classification of toys intended for children under 36 months of age or of 36 months and over.

Projektleder: Pernille Annette Henriksen

97.195

Kunst- og kunsthåndværksartikler

Items of art and handicrafts

Nye Standarder

DS/EN 16163:2024

DKK 747,00

Identisk med EN 16163:2024

Bevaring af kulturarv – Retningslinjer og procedurer for valg af passende belysning til indendørs udstillinger

This document defines the procedures as well as the means to implement adequate lighting, with regard to the exhibition lighting and the conservation policy. This also includes security and cleaning lighting. It takes visual, exhibition and conservation aspects into account and it also discusses the implications of the lighting design on the safeguarding of cultural heritage. This document gives recommendations on luminous exposure values. It aims to provide a tool for setting up a common European policy and a guide to help curators, conservators and project managers to assess the correct lighting that can ensure the safeguarding of the objects.

This document covers indoor lighting for heritage objects on exhibition in both public and private sites and does not consider lighting in other cultural heritage contexts such as open-air collections, etc.

This document does not cover non-public activities such as conservation-restoration, storage, emergency lighting and research.

Projektleder: Erling Richard Trudsø

97.200.50

Legetøj

Toys

Offentliggjorte forslag

DSF/ISO/DIS 8124-5

Deadline: 2025-03-06

Relation: ISO

Identisk med ISO/DIS 8124-5

Legetøj – Sikkerhedskrav – Del 5: Bestemmelse af total koncentration af særlige stoffer i legetøj

ISO 8124-5:2015 specifies methods of sampling and digestion prior to analysis of the total concentration of the elements antimony, arsenic, barium, cadmium, chromium, lead, mercury, and selenium from toy materials and from parts of toys.

Digestion methods for the elements mentioned above are specified for the following types of toy materials:

coatings of paints, varnishes, lacquers, printing inks, polymers, and similar coatings;

polymeric and similar materials, including laminates, whether textile-reinforced or not, but excluding other textiles;

paper, paperboard, and cardboard;

natural or synthetic textiles;

metallic materials whether coated or not;

other materials, whether mass-coloured or not (e.g. wood, fibreboard, hardboard, bone, and leather);

materials intended to leave a trace (e.g. the graphite materials in pencils and liquid ink in pens);

pliable modelling materials, including modelling clays and gels;

paints to be used as such in the toy, including finger paints, varnishes, lacquers, and similar materials in solid or liquid form;

packaging materials that form part of the toy or have intended play value.

Projektleder: Pernille Annette Henriksen

DSF/prEN 71-20

Deadline: 2025-03-24

Relation: CEN

Identisk med prEN 71-20

Legetøj – Sikkerhedskrav – Del 20: Mikrobiologisk sikkerhed for legetøj, der indeholder tilgængeligt vandigt medie

This document specifies microbiological cleanliness and preservative efficacy requirements for accessible aqueous media in toys.

The requirements in this document apply to all toys that are, contain or are supplied with accessible aqueous materials (e.g. paste, putty, liquid or gel).

The cleanliness and preservation effectiveness requirements are applicable to a toy as it is initially received by the consumer, in an unopened and undamaged container. This document does not apply to a toy that has been used, has had its packaging opened or is otherwise compromised in a way that would introduce microbiological contamination.

This document does not cover products and samples which are post-consumer use, since the microbiological limits are inappropriate given there is no way to establish what conditions the toys have been subject to before testing.

The following are specifically excluded from the scope of this document:

- materials that are inaccessible during normal use or reasonably foreseeable abuse;
- food;
- cosmetics;
- components of toys covered by EN 71-13 where;
- the component is in scope of the Cosmetic Products Regulation (i.e. Regulation (EC) No 1223/2009 [13]; and
- the component comprises only recognized food flavours and food ingredients (see relevant legislation, for example Regulation (EC) No 178/2002 [16] ("general food law"), Regulation (EC) No 1334/2008 [15] (flavours), Regulation (EC) No 1333/2008 [14], Commission Regulation (EU) No 231/2012 [18] (food additives) and Regulation (EU) No

1169/2011 (food information to consumers)[17]);

- experimental sets covered by EN 71-4.

NOTE – Play cosmetics, that are only for use on the toy (e.g. makeup products only for a doll), are not excluded.

Projektleder: Pernille Annette Henriksen

97.220.20

Vintersportsudstyr

Winter sports equipment

Offentliggjorte forslag

DSF/prEN 16716

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 16716

Bjergbestigningsudstyr – Lavineairbagsystemer – Sikkerhedskrav og prøvningsmetoder

This document specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche.

This document does not consider personal protection against impact or cold temperature.

Projektleder: Mette Juul Sandager

97.220.30

Indendørs sportsudstyr

Indoor sports equipment

Nye Standarder

DS/EN ISO 20957-1:2024

DKK 575,00

Identisk med ISO 20957-1:2024

og EN ISO 20957-1:2024

Stationært træningsudstyr – Del 1: Generelle sikkerhedskrav og prøvningsmetoder

This document specifies general safety requirements and test methods for indoor stationary training equipment. Other parts of the ISO 20957 series can modify the requirements contained in this document. This document also covers environmental aspects.

It also specifies a classification system (see Clause 4).

This document is applicable to all stationary training equipment. This includes equipment for use in training areas of organizations such as sport associations, educational establishments, hotels, sport halls, clubs, rehabilitation centres and studios (classes S and I) where access and control is specifically regulated by the owner (person who has the legal responsibility), equipment for domestic use (class H) and other types of equipment including motor driven equipment as defined in 3.1.

The requirements of other parts of the ISO 20957 series take priority over the corresponding requirements of this general standard.

This document does not apply to stationary training equipment intended for outdoor use. It also does not apply to stationary training equipment intended for use by children under the age of 14 years, unless such stationary training equipment is

intended for educational purposes in schools and other pedagogical contexts for children under the supervision of a qualified adult instructor.

Projektleder: Mette Juul Sandager

DS/ISO 20957-1:2024

DKK 470,00

Identisk med ISO 20957-1:2024

Stationært træningsudstyr – Del 1: Generelle sikkerhedskrav og prøvningsmetoder

This document specifies general safety requirements and test methods for indoor stationary training equipment. Other parts of the ISO 20957 series can modify the requirements contained in this document. This document also covers environmental aspects.

It also specifies a classification system (see Clause 4).

This document is applicable to all stationary training equipment. This includes equipment for use in training areas of organizations such as sport associations, educational establishments, hotels, sport halls, clubs, rehabilitation centres and studios (classes S and I) where access and control is specifically regulated by the owner (person who has the legal responsibility), equipment for domestic use (class H) and other types of equipment including motor driven equipment as defined in 3.1.

The requirements of other parts of the ISO 20957 series take priority over the corresponding requirements of this general standard.

This document does not apply to stationary training equipment intended for outdoor use. It also does not apply to stationary training equipment intended for use by children under the age of 14 years, unless such stationary training equipment is intended for educational purposes in schools and other pedagogical contexts for children under the supervision of a qualified adult instructor.

Projektleder: Mette Juul Sandager

97.220.40

Udstyr til udendørs sport og vand-sport

Outdoor and water sports equipment

Offentliggjorte forslag

DSF/prEN 15312

Deadline: 2025-03-03

Relation: CEN

Identisk med prEN 15312

Frit tilgængeligt multisportsudstyr – Sikkerhedskrav og prøvningsmetoder

This document is applicable to free access unsupervised multi-sports equipment and combinations intended for permanent installation, primarily used for training, recreational and educational use outdoors.

This document specifies requirements for free access unsupervised multi-sports equipment which may incorporate a multi-sports surround, ball stop screen and various equipment for sports such as badminton, basketball, football, futsal, handball, hockey, tennis, and volleyball.

This document specifies requirements, including safety, for the equipment itself as well as for its installation, operation, inspe-

ction, and maintenance. This document is applicable to multi-sports equipment intended for individual and collective public use primarily by children and teenagers.

This document is not applicable to equipment as defined in the following standards:

– Playground equipment and surfacing EN 1176 series,

– Skateparks EN 14974,

– Artificial climbing structures EN 12572 series,

– Basketball equipment EN 1270,

– Volleyball equipment EN 1271,

– Football goals EN 748,

– Handball goals EN 749,

– Hockey goals EN 750,

– Table tennis EN 14468-1 and EN 14468-2,

– Tennis equipment EN 1510,

– Badminton equipment EN 1509,

– Portable and permanent socketed goals EN 16579,

– Lightweight goals EN 16664,

– Parkour equipment EN 16899 and

– Permanently installed outdoor fitness equipment EN 16630.

This document does not deal with beach equipment, the ground surfaces, the local environment, and any feature outside the multi-sports equipment. This document does not include any specific requirements other than for access and egress for disabled users.

Projektleder: Mette Juul Sandager

DSF/prEN 16630

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 16630

Fastinstalleret udendørs fitnessudstyr – Sikkerhedskrav og prøvningsmetoder

This document specifies general safety requirements for the manufacture, installation, inspection and maintenance of permanently installed, freely accessible outdoor fitness equipment. This document does not cover electrically driven equipment, functional training facilities (typically with unrestrained weights) nor military style obstacle courses with restricted access.

The equipment is intended for youths and adults or users having an overall height greater than 1 400 mm to promote fitness by using the equipment to exercise. Equipment covered by this document is not playground equipment for children (EN 1176 series [1]), indoor stationary training equipment (EN ISO 20957 series [2], EN 957 6) or free access multi-sports equipment (EN 15312 [3]) even if it meets the requirements of each of these standards. NOTE – In this document "permanently installed outdoor fitness equipment" is simply called "fitness equipment".

Projektleder: Mette Juul Sandager

DSF/prEN 16716

Deadline: 2025-03-10

Relation: CEN

Identisk med prEN 16716

Bjergbestigningsudstyr – Lavineairbagsystemer – Sikkerhedskrav og prøvningsmetoder

This document specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche.

This document does not consider personal protection against impact or cold temperature.

Projektleder: Mette Juul Sandager

DSF/prEN 18152

Deadline: 2025-03-17

Relation: CEN

Identisk med prEN 18152

Bjergbestigningsudstyr – Grænseflader mellem alpinstøvler til bjergbestigning i sne og is og bindinger med klatrepigge til påsætning – Krav og prøvningsmetoder

This standard specifies the dimensions and characteristics of the interfaces, requirements, test methods and marking of ski mountaineering boots and clip-on binding crampons which are fixed together with attachment at the boot toe and boot heel, the proper fixed function of which depends on the dimensions and design of the interfaces.

Projektleder: Mette Juul Sandager

Nye DS-godkendte standarder fra CEN, CENELEC og ETSI

Nedenstående publikationer er godkendt som Dansk og Europæisk standard og for ETSI's vedkommende som Dansk Telekommunikations Standard. Publikationerne er under udgivelse og kan indtil dette sker erhverves hos Dansk Standard i form af den ratificerede tekst.

Europæiske standarder fra CEN

DS/CEN/TS 18113:2024

Godkendt som DS: 2025-01-02

Varenummer: M385624

Vejledning om implementering af EN ISO 19650-serien i Europa, med særligt hensyn til del 1, 2, 3, 4 og 5

DS/EN 3480:2024

Godkendt som DS: 2025-01-02

Varenummer: M345199

Flymateriel

DS/EN 2252:2024

Godkendt som DS: 2025-01-02

Varenummer: M347091

Flymateriel

DS/EN 2213:2024

Godkendt som DS: 2025-01-02

Varenummer: M347086

Flymateriel

DS/EN 3523:2024

Godkendt som DS: 2025-01-02

Varenummer: M347094

Flymateriel

DS/CEN/TS 17670-3:2024

Godkendt som DS: 2025-01-02

Varenummer: M384931

Jordlagte og trykløse plastrørssystemer til transport af andet end drikkevand – PVC-U, PP og PE – Del 3: Overensstemmelsesvurdering

DS/EN ISO 13503-2:2024

Godkendt som DS: 2025-01-02

Varenummer: M383616

Olie- og gasindustri inklusive kulstof-fattige energiformer – Kompletteringsvæsker og -materialer – Del 2: Måling af egenskaber ved proppemidler anvendt til hydraulisk frakturering og gruspakning

DS/EN ISO 17573-3:2024

Godkendt som DS: 2025-01-02

Varenummer: M382992

Elektronisk afgiftsoprævning – Systemarkitektur for køretøjsrelateret oprævning – Del 3: Dataordbog

DS/EN ISO 1628-1:2024

Godkendt som DS: 2025-01-02

Varenummer: M381637

Plast – Bestemmelse af polymers viskositet i fortyndet opløsning ved brug af kapillarviskosimetre – Del 1: Generelle principper

DS/EN ISO 8655-7:2022/A1:2024

Godkendt som DS: 2025-01-02

Varenummer: M381649

Volumetrisk udstyr med stempelmekanisme – Del 7: Alternative måleprocedurer til bestemmelse af volumen – Tillæg 1

DS/EN 14626:2024

Godkendt som DS: 2025-01-02

Varenummer: M372927

Luftkvalitet – Standardmetode til måling af koncentrationen af kulilte ved ikke-spredende infrarød spektroskopiskopi

DS/EN 14625:2024

Godkendt som DS: 2025-01-02

Varenummer: M372926

Luftkvalitet – Standardmetode til måling af koncentrationen af ozon ved ultraviolet fotometri

DS/EN 18051:2024

Godkendt som DS: 2025-01-02

Varenummer: M380853

Motorbrændstof – Bestemmelse af indhold af butoxybenzen i mellemdestillater – Gaskromatografi med flammeionisationsdetektor (GC/FID)

DS/EN 901:2024

Godkendt som DS: 2025-01-02

Varenummer: M380535

Kemikalier til behandling af vand anvendt som drikkevand – Natriumhypochlorit

DS/EN 17189:2024

Godkendt som DS: 2025-01-02

Varenummer: M380332

Materialer fra udtjente dæk (ELT) – Bestemmelse af granulat og pulveres faktiske densitet – Metode baseret på vandpyknometri

DS/EN 71-18:2024

Godkendt som DS: 2025-01-02

Varenummer: M379660

Legetøj – Sikkerhedskrav – Del 18: Phenol i vandbaserede og polymere legetøjsmaterialer

DS/EN 17188:2024

Godkendt som DS: 2025-01-02

Varenummer: M379667

Materialer fra udtjente dæk (ELT) – Prøveudtag af granulat og pulvere opbevaret i bigbags og smallbags

DS/EN 71-19:2024

Godkendt som DS: 2025-01-02

Varenummer: M379663

Legetøj – Sikkerhedskrav – Del 19: Migration af bisphenol A fra legetøjsmaterialer

DS/CEN/TS 18094:2024

Godkendt som DS: 2025-01-02

Varenummer: M384416

Ikke-destruktiv prøvning – Prøvningsmetode til bestemmelse af egenspændinger ved synkrotron røntgendiffraction

DS/EN ISO 24664:2024

Godkendt som DS: 2025-01-02

Varenummer: M349839

Kølesystemer og varmepumper – Trykaflastningsudstyr og tilhørende rør – Metoder til beregning

DS/EN 18033:2024

Godkendt som DS: 2025-01-02

Varenummer: M379802

Fødevareautenticitet – Kvantitering af heste-DNA i forhold til pattedyr-DNA i rått oksekød

DS/EN ISO 13855:2024

Godkendt som DS: 2025-01-02

Varenummer: M360712

Maskinsikkerhed – Placering af beskyttelsesanordninger under hensyntagen til legemsdeles bevægelsehastigheder

DS/EN 30-2-1:2024

Godkendt som DS: 2025-01-02

Varenummer: M359876

Gaskomfurer til husholdningsbrug – Del 2-1: Rational energidnyttelse – Generelt

DS/EN ISO 14630:2024

Godkendt som DS: 2025-01-02

Varenummer: M365232

Ikke-aktive kirurgiske implantater – Generelle krav

DS/EN 1170:2024

Godkendt som DS: 2025-01-02

Varenummer: M379672

Præfabrikerede betonelementer – Metoder til prøvning af glasfiberarmet beton

DS/EN 15191:2024

Godkendt som DS: 2025-01-02

Varenummer: M379670

Præfabrikerede betonelementer – Klassifikation af glasfiberarmet betons ydeevne

DS/EN 1169:2024

Godkendt som DS: 2025-01-02

Varenummer: M379671

Præfabrikerede betonelementer – Generelle regler for produktionskontrol af glasfiberarmet beton

DS/EN 1083-2:2024

Godkendt som DS: 2025-01-02

Varenummer: M379506

Motordrevne børster – Del 2: Sikkerhedskrav

DS/EN 16905-3:2024

Godkendt som DS: 2025-01-02

Varenummer: M379118

Gasfyrede motordrevne endotermiske varmepumper – Del 3: Prøvningsbetingelser**DS/EN 12697-16:2024**

Godkendt som DS: 2025-01-02

Varenummer: M379030

Bituminøse blandinger – Prøvningsmetoder – Del 16: Slitage fra pigdæk**DS/EN 12697-2:2024**

Godkendt som DS: 2025-01-02

Varenummer: M379027

Bituminøse blandinger – Prøvningsmetoder – Del 2: Bestemmelse af kornstørrelsesfordeling**DS/EN 1482-3:2024**

Godkendt som DS: 2025-01-02

Varenummer: M378862

Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 3: Prøvetagning fra statiske bunker**DS/EN 1846-2:2024**

Godkendt som DS: 2025-01-02

Varenummer: M360349

Brandbekæmpelses- og redningskøretøjer – Del 2: Generelle krav – Sikkerhed og ydeevne**DS/EN 14750:2024**

Godkendt som DS: 2025-01-02

Varenummer: M364853

Jernbaner – Varme-, ventilations- og airconditionanlæg beregnet til rullende materiel: Komfortparametre og typeprøvninger**DS/EN 12845-2:2024**

Godkendt som DS: 2025-01-02

Varenummer: M364605

Stationære brandslukningsanlæg – Automatiske sprinkleranlæg – Del 2: Projektering og installation af ESFR- og CMSA-sprinkleranlæg**DS/EN 17860-5:2024**

Godkendt som DS: 2025-01-02

Varenummer: M377833

Cykler til person- og lasttransport – Del 5: Elektriske aspekter**DS/EN 17860-7:2024**

Godkendt som DS: 2025-01-02

Varenummer: M377834

Cykler til person- og lasttransport – Del 7: Cykelanhængere til lasttransport**DS/EN 2714-014:2024**

Godkendt som DS: 2025-01-02

Varenummer: M378423

Flymateriel**DS/EN 6059-505:2024**

Godkendt som DS: 2025-01-02

Varenummer: M377546

Flymateriel**DS/EN 1083-1:2024**

Godkendt som DS: 2025-01-02

Varenummer: M379507

Motordrevne børster – Del 1: Definitioner og nomenklatur**DS/CEN/TS 17011-3:2024**

Godkendt som DS: 2025-01-02

Varenummer: M384133

Elektronisk offentligt udbud og indkøb – Arkitektur – Del 3: Retningslinjer for specifik tilpasning**DS/EN 16163:2024**

Godkendt som DS: 2025-01-02

Varenummer: M373297

Bevaring af kulturarv – Retningslinjer og procedurer for valg af passende belysning til indendørs udstillinger**DS/EN 4681-002:2024**

Godkendt som DS: 2025-01-02

Varenummer: M375327

Flymateriel**DS/EN 4681-003:2024**

Godkendt som DS: 2025-01-02

Varenummer: M375533

Flymateriel**DS/EN 12953-6:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376289

Kanalrøgrørskedler – Del 6: Krav til udstyr til kedlen**DS/EN 12953-9:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376291

Kanalrøgrørskedler – Del 9: Krav til begrænsningsanordninger på kedlen og tilbehør**DS/EN 3773-001:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376882

Flymateriel**DS/EN 3662-001:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376883

Flymateriel**DS/EN 3774-001:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376881

Flymateriel**DS/EN 3661-001:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376753

Flymateriel**DS/EN 3475-606:2024**

Godkendt som DS: 2025-01-03

Varenummer: M376751

Flymateriel**DS/EN 1657:2024**

Godkendt som DS: 2025-01-03

Varenummer: M375849

Kemiske desinfektionsmidler og antiseptiske midler – Kvantitativ suspensionsprøvning til vurdering af svampedræbende og gærsvampedræbende effekt af kemiske desinfektionsmidler og antiseptiske midler til anvendelse på veterinærområdet – Prøvningsmetode og krav (fase 2, trin 1)**DS/EN 4681-004:2024**

Godkendt som DS: 2025-01-03

Varenummer: M375542

Flymateriel**DS/EN 17978:2024**

Godkendt som DS: 2025-01-06

Varenummer: M375919

Produkter til behandling af vand beregnet til drikkevand eller svømmebassiner – Glaskugler og glasgranulat**DS/EN ISO 16784-1:2024**

Godkendt som DS: 2025-01-06

Varenummer: M379810

Korrosion af metaller og legeringer – Korrosion og begroning i industrielle kølevandssystemer – Del 1: Vejledning i modelforsøgsvaluering af kontroltilsætningsstoffer mod korrosion og begroning i åbne cirkulationskølevandssystemer**DS/EN 17530:2022+A1:2024**

Godkendt som DS: 2025-01-06

Varenummer: M390520

Jernbaner – Interiørglas i jernbanekøretøjer**DS/EN 15663:2017+A2:2024**

Godkendt som DS: 2025-01-06

Varenummer: M390515

Jernbaner – Køretøjers referencemasser**DS/EN 14025:2023/AC:2024**

Godkendt som DS: 2025-01-06

Varenummer: M390521

Tanke til transport af farligt gods – Metalliske tryktanke – Udformning og konstruktion**DS/EN 15502-2-1:2022+A1:2023/AC:2024**

Godkendt som DS: 2025-01-06

Varenummer: M390522

Gasfyrede centralvarmekedler – Del 2-1: Specifik standard for type C-apparater og type B2-, B3- og B5-apparater med nominel indfyret effekt ikke over 1 000 kW**DS/EN 17122:2019+A1:2024**

Godkendt som DS: 2025-01-06

Varenummer: M390518

Kemiske desinfektionsmidler og antiseptika – Kvantitativ ikke-porøs overfladetest til vurdering af kemiske desinfektionsmidlers og antiseptikas antimikrobielle effekt over for virus inden for veterinærområdet – Testmetode og krav – fase 2, trin 2

- DS/EN 14212:2024**
Godkendt som DS: 2025-01-07
Varenummer: M363922
Luftkvalitet – Standardmetode til måling af koncentrationen af svovldioxid ved hjælp af ultraviolet fluorescens
- DS/EN 14211:2024**
Godkendt som DS: 2025-01-07
Varenummer: M363925
Luftkvalitet – Standardmetode til måling af koncentrationen af nitrogen-dioxid og nitrogenmonoxid ved kemiluminescens
- DS/EN 1482-2:2024**
Godkendt som DS: 2025-01-07
Varenummer: M378866
Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 2: Generelle bestemmelser for prøveforberedelse
- DS/EN 1482-1:2024**
Godkendt som DS: 2025-01-07
Varenummer: M378871
Gødninger, kalkningsmidler og væksthæmmere – Prøvetagning og prøveforberedelse – Del 1: Generelle bestemmelser for prøvetagning
- DS/EN 14385:2024**
Godkendt som DS: 2025-01-07
Varenummer: M379690
Emissioner fra stationære kilder – Bestemmelse af den totale emission af As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl og V
- DS/EN 15266:2024**
Godkendt som DS: 2025-01-08
Varenummer: M378738
Bøjelige korungerede rørsæt i rustfrit stål til gasledninger med driftstryk op til 0,2 MPa (2 bar)
- DS/EN 12767:2019+A1:2024**
Godkendt som DS: 2025-01-08
Varenummer: M390516
Passiv sikkerhed af standere til vejdstyr – Krav og prøvningsmetoder
- DS/EN 13684:2018+A1:2024**
Godkendt som DS: 2025-01-08
Varenummer: M390514
Havebrugsmaskiner – Plæneluftere og -kultivatorer betjent af gående personer – Sikkerhed
- DS/EN ISO 25649-1:2024**
Godkendt som DS: 2025-01-08
Varenummer: M353177
Flydende fritidsprodukter til brug på og i vandet – Del 1: Klassificering, materialer, generelle krav og prøvningsmetoder
- DS/EN ISO 14155:2020/A11:2024**
Godkendt som DS: 2025-01-08
Varenummer: M390517
Klinisk afprøvning af medicinsk udstyr til mennesker – God klinisk praksis
- DS/EN ISO 12957-2:2024**
Godkendt som DS: 2025-01-08
Varenummer: M378504
Geosyntetiske produkter – Bestemmelse af friktionskarakteristika – Del 2: Skråplansprøvning
- DS/EN 1838:2024**
Godkendt som DS: 2025-01-09
Varenummer: M361610
Belysning – Nødbelysning til bygninger
- DS/EN 13084-1:2025**
Godkendt som DS: 2025-01-13
Varenummer: M377258
Fritstående skorstenene – Del 1: Generelle krav
- DS/EN ISO 8044:2025**
Godkendt som DS: 2025-01-13
Varenummer: M379680
Korrosion af metaller og legeringer – Anvendt terminologi
- DS/EN ISO 3961:2025**
Godkendt som DS: 2025-01-13
Varenummer: M387911
Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af jodtal
- DS/EN 14538:2025**
Godkendt som DS: 2025-01-13
Varenummer: M381510
Fedt- og oliederivater – Fedtsyremethyl ester (FAME) – Bestemmelse af Ca-, Mg-, Na- K- og P-indhold ved optisk spektralemissionsanalyse med induktivt koblet plasma (ICP OES)
- DS/EN ISO 4064-4:2025**
Godkendt som DS: 2025-01-13
Varenummer: M380562
Vandmålere til koldt drikkevand og varmt vand – Del 4: Ikke-metrologiske krav, der ikke er dækket af ISO 4064-1
- DS/EN ISO 4064-3:2025**
Godkendt som DS: 2025-01-13
Varenummer: M380560
Vandmålere til koldt drikkevand og varmt vand – Del 3: Prøvningsrapporters format
- DS/EN ISO 7010:2020/A7:2024**
Godkendt som DS: 2025-01-13
Varenummer: M386562
Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 7
- DS/EN ISO 10077-2:2017/A1:2025**
Godkendt som DS: 2025-01-13
Varenummer: M375534
Termisk ydeevne for vinduer, døre og skodder – Beregning af varmetransmissionskoefficient – Del 2: Numerisk metode vedrørende rammer
- DS/EN ISO 7866:2012/A2:2025**
Godkendt som DS: 2025-01-13
Varenummer: M382222
Gasflasker – Genfyldelige, sømløse, aluminiumlegerede gasflasker – Konstruktion, fremstilling og prøvning – Tillæg 2
- DS/EN ISO 7010:2020/A8:2024**
Godkendt som DS: 2025-01-13
Varenummer: M386563
Grafiske symboler – Sikkerhedsfarver og sikkerhedsskilte – Registrerede sikkerhedsskilte – Tillæg 8
- DS/EN 14501:2021+A1:2025**
Godkendt som DS: 2025-01-14
Varenummer: M390799
Skodder, rullegardiner, persienner og markiser – Termisk og visuel komfort – Bestemmelse af ydeevne og klassifikation
- DS/EN ISO 23675:2025**
Godkendt som DS: 2025-01-14
Varenummer: M382542
Kosmetik – Metoder til prøvning af solbeskyttelse – In vitro-bestemmelse af solbeskyttelsesfaktor (SPF)
- DS/EN ISO 23698:2025**
Godkendt som DS: 2025-01-14
Varenummer: M382018
Kosmetik – Måling af effektiviteten af solbeskyttelse ved hjælp af diffus reflektansspektroskopi
- DS/EN 16631:2025**
Godkendt som DS: 2025-01-14
Varenummer: M376865
LPG-udstyr og -tilbehør – Trykafslutningsventiler til LPG-trykbeholdere – Krav til renovering
- DS/EN ISO 56001:2024**
Godkendt som DS: 2025-01-16
Varenummer: M390876
Innovationsledelse – Innovationsledelsessystemer – Krav
- DS/EN 17997:2025**
Godkendt som DS: 2025-01-20
Varenummer: M378613
Jernbaner – Bremses – Bestemmelse af ETCS-parametre for gammabremsede togs bremsekurver
- DS/EN ISO 18363-2:2025**
Godkendt som DS: 2025-01-21
Varenummer: M387913
Animalske og vegetabiliske fedtstoffer og olier – Bestemmelse af chloropropandiol (MCPD) med fedtsyrebindinger og glycidol ved GC/MS – Del 3: Metode med sur transesterificering og måling af 2-MCPD, 3-MCPD og glycidol
- DS/EN 683-2:2024/AC:2025**
Godkendt som DS: 2025-01-22
Varenummer: M391006
Aluminium og aluminiumlegeringer – Tyndplader til varmevekslere (finstock) – Del 2: Mekaniske egenskaber
- DS/CWA 18153:2024**
Godkendt som DS: 2025-01-22
Varenummer: M390884
Udnyttelse fra saltvand – Genvinding af mineraler og metaller fra saltvand i anlæg til afsaltning af havvand

DS/CWA 18155:2024

Godkendt som DS: 2025-01-22

Varenummer: M390881

Retningslinjer for procedurer til bestemmelse af indholdet af 3-hydroxyvalerat i PHBV ved hjælp af nuklear magnetisk resonans (NMR)**DS/CWA 18157:2024**

Godkendt som DS: 2025-01-22

Varenummer: M390880

Prænormativ plan for anvendelse af H2 i passagerskibe – Anbefalinger for H2-passagerskibe fra det tidlige designstadiet**DS/EN ISO 56008:2024**

Godkendt som DS: 2025-01-22

Varenummer: M390877

Innovationsledelse – Værktøjer og metoder til målinger af innovationsaktivitet – Vejledning**DS/EN ISO 16823:2025**

Godkendt som DS: 2025-01-22

Varenummer: M382022

Ikke-destruktiv prøvning – Ultralydprøvning – Transmissionsteknik**DS/EN ISO 5530-2:2025**

Godkendt som DS: 2025-01-27

Varenummer: M342754

Hvedemel – Fysiske karakteristika for dej – Del 2: Bestemmelse af reologiske egenskaber ved hjælp af en ekstensofgraf**DS/EN ISO 14903:2025**

Godkendt som DS: 2025-01-27

Varenummer: M379389

Kølesystemer og varmepumper – Kvalificering af tæthed for komponenter og samlinger**DS/EN ISO 20537:2025**

Godkendt som DS: 2025-01-27

Varenummer: M352358

Fodtøj – Identifikation af defekter under visuel inspektion – Terminologi**DS/EN ISO 19168-1:2025**

Godkendt som DS: 2025-01-27

Varenummer: M379127

Geografisk information – Geospacialt API for features – Del 1: Kerne**DS/EN ISO 17715:2025**

Godkendt som DS: 2025-01-27

Varenummer: M360543

Mel af hvede (*Triticum aestivum* L.) – Amperometrisk metode til bestemmelse af beskadigelse af stivelse**DS/EN ISO 7711-1:2021/A1:2025**

Godkendt som DS: 2025-01-27

Varenummer: M382219

Tandpleje – Roterende diamantinstrumenter – Del 1: Generelle krav – Tillæg 1**DS/EN ISO 11118:2025**

Godkendt som DS: 2025-01-27

Varenummer: M382589

Gasflasker – Metalliske engangsflasker – Specifikation og prøvningsmetoder**DS/EN ISO 5530-1:2025**

Godkendt som DS: 2025-01-27

Varenummer: M342752

Hvedemel – Fysiske karakteristika for dej – Del 1: Bestemmelse af vandabsorption og reologiske egenskaber ved hjælp af en farinograf**DS/EN ISO 20553:2025**

Godkendt som DS: 2025-01-27

Varenummer: M382177

Beskyttelse mod stråling – Tilsyn med personale med erhvervsrisiko for intern kontamination med radioaktive stoffer**DS/CEN/TR 1591-6:2025**

Godkendt som DS: 2025-01-28

Varenummer: M386587

Flanger og flangesamlinger – Konstruktionsregler for runde flangeforbindelser – Del 6: Baggrundsinformation**DS/EN ISO 19650-6:2025**

Godkendt som DS: 2025-01-28

Varenummer: M382500

Organisering og digitalisering af information om bygge- og anlægsarbejder, herunder BIM – Informationshåndtering med BIM – Del 6: Sundheds- og sikkerhedsinformation**DS/EN ISO 16486-3:2025**

Godkendt som DS: 2025-01-28

Varenummer: M383963

Plastrørssystemer til gasforsyning – PA-U-rørssystemer med svejste og mekanisk udførte samlinger – Del 3: Fittings**DS/EN ISO 22854:2025**

Godkendt som DS: 2025-01-28

Varenummer: M378496

Flydende olieprodukter – Bestemmelse af kulbrintetyper og oxygenater i benzin og ethanol (E85) anvendt som køretøjsbrændstof – Flerdimensional gaskromatografisk metode**DS/EN ISO 14343:2025**

Godkendt som DS: 2025-01-28

Varenummer: M384154

Tilsatmaterialer til svejsning – Tråd- og båndelektroder, tråde og stænger til lysbuesvejsning af rustfrie og varmebestandige stål – Klassifikation**DS/EN ISO 15708-2:2025**

Godkendt som DS: 2025-01-28

Varenummer: M383614

Ikke-destruktiv prøvning – Radiografiske metoder for computerbaseret tomografi – Del 2: Principper, udstyr og prøver**DS/EN ISO 3506-4:2025**

Godkendt som DS: 2025-01-28

Varenummer: M382493

Befæstelselementer – Mekaniske egenskaber for befæstelselementer af korrosionsbestandigt rustfrit stål – Del 4: Pladeskruer med specificerede produkt- og hårdhedsklasser**DS/EN ISO 5801:2017/A1:2025**

Godkendt som DS: 2025-01-29

Varenummer: M383441

Ventilatorer – Ydelsesmåling ved anvendelse af standardiserede ventilationsind- og udløb – Tillæg 1**DS/EN ISO 14574:2025**

Godkendt som DS: 2025-01-29

Varenummer: M382352

Finkeramik (avanceret keramik, avanceret teknisk keramik) – Mekaniske egenskaber for keramiske kompositter ved høj temperatur – Bestemmelse af trækegenskaber (ISO 14574:2013)**DS/EN ISO 14544:2025**

Godkendt som DS: 2025-01-29

Varenummer: M382359

Finkeramik (avanceret keramik, avanceret teknisk keramik) – Mekaniske egenskaber hos keramiske kompositter ved høj temperatur – Bestemmelse af trykegenskaber**DS/EN ISO 22765:2025**

Godkendt som DS: 2025-01-29

Varenummer: M382525

Kernebrændselsteknologi – Sintrede (U,Pu)O₂-piller – Vejledning i keramografisk forberedelse til mikrostrukturundersøgelse**DS/EN ISO 3506-3:2025**

Godkendt som DS: 2025-01-29

Varenummer: M382499

Befæstelselementer – Mekaniske egenskaber af korrosionsbestandige befæstelselementer af rustfrit stål – Del 3: Sætskruer (og lignende befæstelselementer, som ikke er trækpåvirkede) med specificerede produkt- og hårdhedsklasser**DS/CEN ISO/ASTM TS 52949:2025**

Godkendt som DS: 2025-01-29

Varenummer: M385288

Additiv fremstilling af metaller – Kvalificeringsprincipper – Installation af, drift af og ydeevne (IQ/OQ/PQ) for PBF-EB-udstyr**DS/EN 12312-5:2021+A1:2025**

Godkendt som DS: 2025-01-30

Varenummer: M391245

Lufthavnsudstyr – Specifikke krav – Del 5: Udstyr til tankning af fly

Fælles CEN/CLC

DS/CEN/CLC/TR 17894:2024

Godkendt som DS: 2025-01-02

Varenummer: M387113

Kunstig intelligens (AI) – Overensstemmelsesvurdering for kunstig intelligens

Europæiske standarder fra CLC

DS/EN IEC 60705:2024

Godkendt som DS: 2025-01-02

Varenummer: M379826

Mikrobølgeovne til husholdningsbrug – Metoder til måling af ydeevne

DS/EN IEC 60688:2024

Godkendt som DS: 2025-01-02

Varenummer: M380558

Elektriske måletransducere til konvertering af elektriske størrelser for a.c.- og d.c.-strøm til analoge eller digitale signaler

DS/EN IEC 60269-7:2024

Godkendt som DS: 2025-01-02

Varenummer: M351663

Lavspændingssikringer – Del 7: Til-lægskrav til sikringsforbindelser til beskyttelse af batterier og batterisyste-mer

DS/EN IEC 61442:2024/A11:2024

Godkendt som DS: 2025-01-02

Varenummer: M383131

Prøvningsmetoder for tilbehør til kraft-kabler med mærkespændinger fra 6 kV (Um = 7,2 kV) til 36 kV (Um = 42 kV)

DS/EN IEC 62683-2-3:2024

Godkendt som DS: 2025-01-02

Varenummer: M382629

Produktdata og egenskaber til informa-tionsudveksling – Tekniske data – Del 2-3: Funktionsmæssig sikkerhed og pålidelighed

DS/EN IEC 60601-2-34:2024

Godkendt som DS: 2025-01-02

Varenummer: M373316

Elektromedicinsk udstyr – Del 2-34: Særlige krav til grundlæggende sikkerhed og væsentlige funktionsegenskaber for udstyr til invasiv blodtryksmoni-torering

DS/EN IEC 61557-10:2024

Godkendt som DS: 2025-01-02

Varenummer: M379699

Elektrisk sikkerhed i lavspændingsdi-stributionssystemer op til 1 000 V vek-selstrøm og 1 500 V jævnstrøm – Udstyr til prøvning, måling eller over-vågning af beskyttelsesforanstaltninger – Del 10: Kombineret måleudstyr

DS/HD 60269-2:2013/A2:2024

Godkendt som DS: 2025-01-02

Varenummer: M360983

Lavspændingssikringer – Del 2: Til-lægskrav til sikringer, der anvendes af bemyndigede personer (sikringer hovedsageligt til industribrug) – Eksempler på standardiserede sik-ringssystemer A til K

DS/EN IEC 63261:2024

Godkendt som DS: 2025-01-02

Varenummer: M378627

Elektro- og instrumenteringsobjekter i 3D-modellering ved procesanlægspro-jektering

DS/EN IEC 61557-1:2021/A1:2024

Godkendt som DS: 2025-01-02

Varenummer: M382536

Elektrisk sikkerhed i lavspændings-di-stributionssystemer op til 1000 V vek-selstrøm og 1500 V jævnstrøm – Udstyr til prøvning, måling eller overvågning af beskyttelsesforanstaltninger – Del 1: Generelle krav

DS/EN IEC 60598-1:2024/A11:2024

Godkendt som DS: 2025-01-03

Varenummer: M375851

Belysningsarmaturer – Del 1: Generelle krav og prøver

DS/EN IEC 60598-1:2024

Godkendt som DS: 2025-01-06

Varenummer: M375962

Belysningsarmaturer – Del 1: Generelle krav og prøver

DS/EN IEC 61442:2024

Godkendt som DS: 2025-01-06

Varenummer: M363811

Prøvningsmetoder for tilbehør til kraft-kabler med mærkespændinger fra 6 kV (Um = 7,2 kV) til 36 kV (Um = 42 kV)

DS/EN 50160:2022/A1:2025

Godkendt som DS: 2025-01-06

Varenummer: M384405

Spændingskarakteristika for elektrici-tet leveret af offentlige distributionssy-stemer

DS/EN IEC 61400-24:2019/A1:2024

Godkendt som DS: 2025-01-06

Varenummer: M379529

Vindenergisystemer – Del 24: Lynafled-ning

DS/HD 60364-5-52:2011/A1:2025

Godkendt som DS: 2025-01-06

Varenummer: M375831

Elektriske lavspændingsinstallationer – Del 5-52: Valg og installation af elek-trisk materiel – Ledningssystemer

DS/EN 50341-2-24:2024

Godkendt som DS: 2025-01-06

Varenummer: M390519

Elektriske luftledninger, der overstiger AC 1 kV – Del 2-24: Nationale Normati-ve Aspekter (NNA) for Rumænien (baseret på EN 50341-1:2012)

DS/EN IEC 62974-1:2024

Godkendt som DS: 2025-01-07

Varenummer: M379701

Overvågnings- og målesystemer, der anvendes til indsamling, aggregering og analyse af data – Del 1: Krav til udstyr

DS/EN IEC 61076-2-101:2025

Godkendt som DS: 2025-01-13

Varenummer: M379934

Konnektorer til elektronisk udstyr – Produktkrav – Del 2-101: Runde kon-nektorer – Detailspecifikation for M12-konnektorer med skrue-lås

DS/EN 62148-2:2011/A1:2025

Godkendt som DS: 2025-01-13

Varenummer: M385888

Aktive komponenter og aktivt udstyr til lysledere – Standarder for indkapslin-ger og grænseflader – Del 2: Transcei-vere med lille formfaktor (SFF), 10-pin

DS/EN IEC 61000-4-41:2025

Godkendt som DS: 2025-01-13

Varenummer: M383416

Elektromagnetisk kompatibilitet (EMC) – Del 4-41: Prøvnings- og måleteknik-ker – Prøvning af bredbåndsfeltbåren immunitet

DS/EN IEC 63305:2024

Godkendt som DS: 2025-01-16

Varenummer: M390875

Undervandsakustik – Kalibrering af modtagere af akustiske bølgevektorer i frekvensområdet 5 Hz til 10 kHz

DS/EN IEC 60793-1-40:2025

Godkendt som DS: 2025-01-20

Varenummer: M379408

Optisk fiber – Del 1-40: Metoder til måling af dæmpning

DS/EN 61850-6:2010/A2:2025

Godkendt som DS: 2025-01-20

Varenummer: M379273

Kommunikationsnetværk og -systemer til elforsyningsautomation – Del 6: Sprog til beskrivelse af konfiguration til kommunikation i elektriske understa-tioner med intelligent elektronisk udstyr (IED)

DS/EN IEC 63267-2-1:2024

Godkendt som DS: 2025-01-21

Varenummer: M259963

Fiberoptik – Sammenkoblingsudstyr og passive komponenter – Fiberkonnekto-rers optiske grænseflader til multimo-defibre med øget makrobøjning – Del 2-1: Konnekteringsparametre for fibre med kernediameter på 50 µm og ende-flader i fysisk kontakt – Ikke-vinklede endeflader

DS/EN IEC 62836:2024

Godkendt som DS: 2025-01-21

Varenummer: M357709

Måling af indre elektriske felter i isa-lationsmaterialer – Metode med udbred-ning af trykbølge gennem elektrisk ladet materiale

DS/EN IEC 60034-27-2:2024

Godkendt som DS: 2025-01-21

Varenummer: M355469

Roterende elektriske maskiner – Del 27-2: Målinger af partielle udladninger i stators viklingsisolation udført på roterende elektriske maskiner i drift**DS/EN IEC 62309:2025**

Godkendt som DS: 2025-01-27

Varenummer: M380051

Påidelighed af levetidsforlængede produkter og nye produkter, der indeholder genbrugte dele**DS/EN IEC 63522-17:2025**

Godkendt som DS: 2025-01-27

Varenummer: M379402

Elektriske relæer – Prøvninger og målinger – Del 7-17: Chok, acceleration og vibration**DS/EN IEC 63169:2020/A1:2025**

Godkendt som DS: 2025-01-27

Varenummer: M382548

Elektriske køle- og fryseapparater til husholdnings- og lignende brug – Opbevaring af fødevarer**DS/EN IEC 63522-13:2025**

Godkendt som DS: 2025-01-27

Varenummer: M379399

Elektriske relæer – Prøvninger og målinger – Del 7-13: Korrosive atmosfærer – Forurenede atmosfærer**DS/EN IEC 81355-1:2025**

Godkendt som DS: 2025-01-28

Varenummer: M357919

Industrianlæg, installationer og udstyr samt industriprodukter – Klassifikation og betegnelse af information – Del 1: Grundlæggende regler og klassifikationsstabeller**DS/EN IEC 63522-48:2025**

Godkendt som DS: 2025-01-29

Varenummer: M379936

Elektriske relæer – Prøvninger og målinger – Del 7-48: Prøvning af kontaktfjelhypighed**DS/EN IEC 63522-15:2025**

Godkendt som DS: 2025-01-29

Varenummer: M379398

Elektriske relæer – Prøvninger og målinger – Del 7-15: Klemmers robusthed**Europæiske Telekommunikationsstandarder fra ETSI****DS/ETSI EN 303 978 V2.2.1:2025**

Godkendt som DS: 2025-01-06

Varenummer: M388433

Satellitjordstationer og -systemer (SES) – Jordstationer på mobile platforme (ESOMP) til kommunikation med satellitter i geostationære kredsløb og opererende i frekvensbåndene 27,5 GHz til 30,0 GHz, og 17,3 GHz to 20,2 GHz – Harmoniseret Standard til Radiospekteraccess**DS/ETSI EN 300 487 V2.2.1:2024**

Godkendt som DS: 2025-01-07

Varenummer: M388432

Satellitjordstationer og -systemer (SES) – Jordstationer kun til modtagelse (ROMES) til kommunikation af data i 1,5 GHz-frekvensbåndet – Harmoniseret Standard til Radiospekteraccess