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# Standardiseringsprosjekter og nye standarder

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**01 Generelt. Terminologi. Standardisering. Dokumentasjon****Standardforslag til høring - nasjonale****prNS 3467**

Steg og leveranser i byggeprosessen

*Stages and deliverables in the building process*

Språk: no

Kommentarfrist: 19.04.2020

**Standardforslag til høring - europeiske (CEN)****EN ISO 1891-2:2014/prA1**

Festemidler - Terminologi - Del 2: Termer og definisjoner for belegg - Endringsblad 1 (ISO 1891-2:2014/DAM 1:2020)

*Fasteners - Terminology - Part 2: Vocabulary and definitions for coatings - Amendment 1 (ISO 1891-2:2014/DAM 1:2020)*

Språk: en

Kommentarfrist: 08.05.2020

**prEN 1264-1**

Vannbaserte overflateintegrerte varme- og kjølesystemer - Del 1: Definisjoner og symboler

*Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 13232-1**

Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions

Språk: en

Kommentarfrist: 09.04.2020

**prEN ISO 11073-10101**

Helseinformatikk - Kommunikasjonsstandarder for pasienttilknyttet medisinsk utstyr - Del 10101: Nomenklatur (ISO/IEEE FDIS 11073-10101:2020)

*Health informatics - Point-of-care medical device communication - Part 10101: Nomenclature (ISO/IEEE FDIS 11073-10101:2020)*

Språk: en

Kommentarfrist: 14.05.2020

**prEN ISO 11532**

Aircraft ground equipment - Graphical symbols (ISO 11532:2018)

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 12543-1**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 1: Definisjoner og beskrivelse av komponenter (ISO/DIS 12543-1:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 1: Definitions and description of component parts (ISO/DIS 12543-1:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**prEN ISO 15223-1**

Medisinsk utstyr - Symboler for medisinsk utstyr til bruk på etiketter, som merking eller til informasjon - Del 1: Generelle krav (ISO/DIS 15223-1:2020)

*Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (ISO/DIS 15223-1:2020)*

Språk: en

Kommentarfrist: 07.05.2020

**prEN ISO 21920-2**

*Geometrical product specifications (GPS) - Surface texture: Profile - Part 2: Terms, definitions and surface texture parameters (ISO/DIS 21920-2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO 22300**

*Security and resilience - Vocabulary (ISO/DIS 22300:2020)*

Språk: en

Kommentarfrist: 02.06.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 690**

*Information and documentation -- Guidelines for bibliographic references and citations to information resources*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 4135**

*Anaesthetic and respiratory equipment -- Vocabulary and semantics*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 6107**

*Water quality -- Vocabulary*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 8373**

*Manipulating industrial robots - Vocabulary (Revision of ISO/TR 8373:1988)*

Språk: en

Kommentarfrist: 27.05.2020

**ISO/DIS 8373**

*Robotics -- Vocabulary*

Språk: en

Kommentarfrist: 01.08.2020

**ISO/DIS 8930**

*General principles on reliability for structures -- Vocabulary*

Språk: en

Kommentarfrist: 14.04.2020

**ISO/DIS 8965**

*Logging industry -- Technology -- Vocabulary*

Språk: en

Kommentarfrist: 03.05.2020

**ISO/DIS 11593**

*Robots for industrial environments -- Automatic end effector exchange systems -- Vocabulary and presentation of characteristics*

Språk: en

Kommentarfrist: 08.05.2020

**ISO/DIS 12543-1**

*Glass in building -- Laminated glass and laminated safety glass -- Part 1: Definitions and description of component parts*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-1**

*Glass in building - Laminated glass and laminated safety glass - Part 1: Definitions and description of component parts*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12616-1**

*Terminology work in support of multilingual communication -- Part 1: Fundamentals of translation-oriented terminography*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 14132-3**

*Optics and optical instruments - Vocabulary for telescopic systems - Part 3: Terms for telescopic sights*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 15223-1**

*Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements*

Språk: en

Kommentarfrist: 07.05.2020

**ISO/DIS 15223-1**

*Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements*

Språk: en

Kommentarfrist: 12.07.2020

**ISO/DIS 16792**

*Technical product documentation -- Digital product definition data practices*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 22300**

*Security and resilience -- Vocabulary*

Språk: en

Kommentarfrist: 07.08.2020

**ISO/DIS 23577**

*Terms and definitions for cargo securing systems on ships*

Språk: en

Kommentarfrist: 04.06.2020

**ISO/DIS 24016**

*Jewellery and precious metals -- Grading polished diamonds -- Terminology, classification and test methodsPart 1: Terminology and classification*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 24613-3**

*Language resource management -- Lexical markup framework (LMF) -- Part 3: Etymological extension*

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 24613-4**

*Language resource management -- Lexical markup framework (LMF) -- Part 4: TEI serialization*

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 24617-2**

*Language resources management -- Semantic annotation framework (SemAF) -- Part 2: Dialogue acts*

Språk: en

Kommentarfrist: 04.04.2020

**ISO/DIS 24617-11**

*Language resource management -- Semantic annotation framework (SemAF) -- Part 11: Measurable Quantitative information (MQI)*

Språk: en

Kommentarfrist: 01.06.2020

**ISO-standarder**

**ISO 129-1:2018/Amd 1:2020**

Språk: en

**ISO 3529-2:2020**

*Vacuum technology -- Vocabulary -- Part 2: Vacuum pumps and related terms*

Språk: en

Erstatter A00008:20:008913

**ISO 16972:2020**

*Respiratory protective devices -- Vocabulary and graphical symbols*

Språk: en

Erstatter A00008:20:038180

**ISO 24497-1:2020**

*Non-destructive testing -- Metal magnetic memory -- Part 1: Vocabulary and general requirements*

Språk: en

Erstatter A00008:20:042265,A00008:20:042264

**Fastsatte norske standarder**

**NS-EN 15898:2019**

Bevaring av kulturminner - Generelle termer og definisjoner

*Conservation of cultural heritage - Main general terms and definitions*

Språk: en

**NS-EN 16214-1:2012+A1:2019**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*

Språk: en

**NS-ISO/IEC 20546:2019**

Informasjonsteknologi - Stordata - Oversikt og terminologi

*Information technology - Big data - Overview and vocabulary*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 15898:2011**

Bevaring av kulturminner - Sentrale, generelle termer og definisjoner

*Conservation of cultural property - Main general terms and definitions*

Språk: no

Ingen erstatning

**NS-EN 15898:2011**

Bevaring av kulturminner - Sentrale, generelle termer og definisjoner  
*Conservation of cultural property - Main general terms and definitions*  
Språk: en  
Ingen erstatning

**NS-EN 16214-1:2012**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi  
*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*  
Språk: en  
Ingen erstatning

## 03 Sosiologi. Tjenester. Bedriftsorganisasjon og -ledelse. Administrasjon. Transport

**Standardforslag til høring - europeiske (CEN)**

**prEN 16247-1**

Energirevisjoner - Del 1: Generelle krav  
*Energy audits - Part 1: General requirements*  
Språk: en  
Kommentarfrist: 09.04.2020

**prEN 16247-2**

Energirevisjoner - Del 2: Bygninger  
*Energy audits - Part 2: Buildings*  
Språk: en  
Kommentarfrist: 09.04.2020

**prEN 16247-3**

Energirevisjoner - Del 3: Prosesser  
*Energy audits - Part 3: Processes*  
Språk: en  
Kommentarfrist: 09.04.2020

**prEN 16247-4**

Energirevisjoner - Del 4: Transport  
*Energy audits - Part 4: Transport*  
Språk: en  
Kommentarfrist: 09.04.2020

**prEN 17478**

*Transport Services - Customer communications for passenger transport services - A Universal Design approach*  
Språk: en  
Kommentarfrist: 09.04.2020

**prEN 17485**

*Maintenance - Maintenance within physical asset management - Framework for improving the value of the physical assets through their whole life cycle*  
Språk: en  
Kommentarfrist: 16.04.2020

**prEN ISO 22300**

*Security and resilience - Vocabulary (ISO/DIS 22300:2020)*  
Språk: en  
Kommentarfrist: 02.06.2020

**prEN ISO 24014-1**

Kollektivtransport - Samordnede billetteringssystemer - Del 1: Arkitektur (ISO/DIS 24014-1:2020)

*Public transport - Interoperable fare management system - Part 1: Architecture (ISO/DIS 24014-1:2020)*

Språk: en

Kommentarfrist: 08.05.2020

**prEN ISO 41014**

Facility management - Development of facility management strategy (ISO/DIS 41014:2020)

Språk: en

Kommentarfrist: 13.04.2020

**prEN ISO/IEC 27010**

Informasjonsteknologi - Sikringsteknikker - Ledelsessystem for informasjonssikkerhet for intersektor- og interorganisasjonskommunikasjon (ISO/IEC 27010:2015)

*Information technology - Security techniques - Information security management for inter-sector and inter-organizational communications (ISO/IEC 27010:2015)*

Språk: en

Kommentarfrist: 26.03.2020

**prEN ISO/IEC 27011**

Informasjonsteknologi - Sikringsteknikker - Tiltak for informasjonssikkerhetskontroller basert på ISO/IEC 27002 for telekommunikasjonsorganisasjoner (ISO/IEC 27011:2016)

*Information technology - Security techniques - Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations (ISO/IEC 27011:2016)*

Språk: en

Kommentarfrist: 26.03.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 10014**

Quality management systems -- Guidelines for realizing financial and economic benefits

Språk: en

Kommentarfrist: 28.05.2020

**ISO/DIS 10667-1**

Assessment service delivery -- Procedures and methods to assess people in work and organizational settings -- Part 1: Requirements for the client

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 10667-2**

Assessment service delivery -- Procedures and methods to assess people in work and organizational settings -- Part 2: Requirements for service providers

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 17442-1**

Financial services -- Legal entity identifier (LEI) -- Part 1: Assignment

Språk: en

Kommentarfrist: 10.04.2020

**ISO/DIS 17442-2**

Financial services -- Legal entity identifier (LEI) -- Part 2: Application in digital certificates

Språk: en

Kommentarfrist: 10.04.2020

**ISO/DIS 18561-1**

*Intelligent transport systems (ITS) -- Urban mobility applications via nomadic device for green transport management -- Part 1: General requirements for data exchange between ITS stations*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 20684-1**

*Intelligent transport systems -- Roadside modules SNMP data interface -- Part 1: Overview*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 20684-2**

*Intelligent transport systems -- Roadside modules SNMP data interface -- Part 2: Generalized field device -- Basic management*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 22300**

*Security and resilience -- Vocabulary*

Språk: en

Kommentarfrist: 07.08.2020

**ISO/DIS 22341**

*Security and resilience -- Protective security -- Guidelines for crime prevention through environmental design*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 23897**

*Financial Services -- Unique transaction identifier (UTI)*

Språk: en

Kommentarfrist: 13.04.2020

**ISO/DIS 24014-1**

*Public Transport -- Interoperable Fare Management System -- Part 1: Architecture*

Språk: en

Kommentarfrist: 08.05.2020

**ISO/DIS 24014-1**

*Public transport -- Interoperable fare management system -- Part 1: Architecture*

Språk: en

Kommentarfrist: 13.07.2020

**ISO/DIS 37301**

*Compliance management systems -- Requirements with guidance for use*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 41014**

*Facility management -- Development of facility management strategy*

Språk: en

Kommentarfrist: 13.04.2020

**ISO/DIS 50003**

*Energy management systems -- Requirements for bodies providing audit and certification of energy management systems*

Språk: en

Kommentarfrist: 30.03.2020



**ISO-standarder**

**ISO 2859-2:2020**

*Sampling procedures for inspection by attributes -- Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection*

Språk: en

Erstatter A00008:20:007867

**ISO 7870-7:2020**

*Control charts -- Part 7: Multivariate control charts*

Språk: en

**ISO 19301:2020**

*Graphic technology -- Guidelines for schema writers -- Template for colour quality management*

Språk: en

**ISO 21406:2020**

*Tourism and related services -- Yacht harbours -- Essential requirements for luxury harbours*

Språk: en

**ISO 22059:2020**

*Guidelines on consumer warranties/guarantees*

Språk: en

**ISO 22468:2020**

*Value stream management (VSM)*

Språk: en

**ISO/PAS 23678-1:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 1: General requirements for training providers*

Språk: en

**ISO/PAS 23678-2:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 2: Service personnel initial training*

Språk: en

**ISO/PAS 23678-3:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 3: Level 1 technician training*

Språk: en

**ISO/PAS 23678-4:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 4: Level 2 in-field competence*

Språk: en

**ISO/TR 22370:2020**

*Security and resilience -- Urban resilience -- Framework and principles*

Språk: en

**ISO/TS 15638-4:2020**

*Intelligent transport systems -- Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) -- Part 4: System security requirements*

Språk: en

**ISO/TS 16785:2020**

*Electronic Fee Collection (EFC) -- Application interface definition between DSRC-OBE and external in-vehicle devices*

Språk: en

Erstatter A00008:20:065675

**ISO/TS 23406:2020**

*Nuclear sector -- Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TS 15874-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polypropylen (PP) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15874-7:2018)

*Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity (ISO/TS 15874-7:2018)*

Språk: en

**CEN ISO/TS 15875-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15875-7:2018)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/TS 15875-7:2018)*

Språk: en

**CEN ISO/TS 15876-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15876-7:2018)

*Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity (ISO/TS 15876-7:2018)*

Språk: en

**CEN ISO/TS 19091:2019**

*Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections (ISO/TS 19091:2019)*

Språk: en

**CEN ISO/TS 19468:2019**

*Intelligent transport systems - Data interfaces between centres for transport information and control systems - Platform independent model specifications for data exchange protocols for transport information and control systems (ISO/TS 19468:2019)*

Språk: en

**CEN ISO/TS 21177:2019**

*Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO/TS 21177:2019)*

Språk: en

**CEN ISO/TS 21189:2019**

*Intelligent transport systems - Cooperative ITS - Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma for CEN ISO/TS 17426 (ISO/TS 21189:2019)*

Språk: en

**CEN/TR 15367-1:2020**

Petroleumsprodukter - Retningslinjer for god drivstofføkonomi - Del 1: Diesel

*Petroleum products - Guidelines for good housekeeping - Part 1: Automotive diesel fuels*

Språk: en

**CEN/TR 17014-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Tendering - Part 101: Overview*

Språk: en

**CEN/TR 17015-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Catalogue - Part 101: Overview*

Språk: en

**CEN/TR 17016-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Ordering - Part 101: Overview*

Språk: en

**CEN/TR 17017-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Fulfilment - Part 101: Overview*

Språk: en

**CEN/TR 17223:2018**

*Guidance on the relationship between EN ISO 13485: 2016 (Medical devices - Quality management systems - Requirements for regulatory purposes) and European Medical Devices Regulation and In Vitro Diagnostic Medical Devices Regulation*

Språk: en

**CEN/TR 17249-1:2018**

*Intelligent transport systems - eSafety - Part 1: Extending eCall to other categories of vehicle*

Språk: en

**CEN/TR 17370:2019**

*Public transport - Operating raw data and statistics exchange*

Språk: en

**CEN/TR 17386:2019**

*Posttjenester - Måling av fremsendingstid for pakker som krysser grenser, ved hjelp av en forstudie med virkelige forsendelsesdata  
Postal services - Transit time measurement for cross border postal items using real mail feasibility study*

Språk: en

**CEN/TR 17447:2020**

*Space - Use of GNSS-based positioning for road Intelligent Transport System (ITS) - Mathematical PVT error model*

Språk: en

**CEN/TR 17448:2020**

*Space - Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) - Metrics and Performance levels detailed definition*

Språk: en

**CEN/TS 16702-1:2020**

*Elektronisk avgiftsinnkreving - Sikker overvåking av autonome bomssystemer - Del 1: Samsvarskontroll*

*Electronic fee collection - Secure monitoring for autonomous toll systems - Part 1: Compliance checking*

Språk: en

**CEN/TS 16702-2:2020**

*Electronic fee collection - Secure monitoring for autonomous toll systems - Part 2: Trusted recorder*

Språk: en

**CEN/TS 17073:2020**

*Postal services - Interfaces for cross border parcels*

Språk: en

**CEN/TS 17091:2018**

*Crisis management - Guidance for developing a strategic capability*

Språk: en

**CEN/TS 17234:2018**

*Intelligent transport systems - eSafety - eCall: Tests to enable PSAPs to demonstrate conformance and performance*

Språk: en

**CEN/TS 17249-2:2018**

*Intelligent transport systems - eSafety - Part 2 : eCall for HGVs and other commercial vehicles*

Språk: en

**CEN/TS 17249-3:2018**

*Intelligent transport systems - eSafety - Part 3: eCall for Coaches and buses*

Språk: en

**CEN/TS 17380:2019**

*Intelligent transport systems - Urban-ITS - 'Controlled Zone' management for UVARs using C-ITS*

Språk: en

**CEN/TS 17385:2019**

*Method for condition assessment of immobile constructed assets*

Språk: en

**Fastsatte norske standarder**

**NS-EN 9138:2019**

Luft- og romfart - Ledelsessystemer for kvalitet - Statistisk produkt - Godkjenningskrav

*Aerospace Series - Quality Management Systems - Statistical Product - Acceptance Requirements*

Språk: en

**NS-EN ISO 22301:2019**

Sikkerhet og resiliens - Systemer for kontinuitetsledelse - Krav (ISO 22301:2019)

*Security and resilience - Business continuity management systems - Requirements (ISO 22301:2019)*

Språk: en

**NS-EN ISO/IEC 17029:2019**

Samsvarsvurdering - Generelle prinsipper og krav for validerings- og verifikasjonsorganer (ISO/IEC 17029:2019)

*Conformity Assessment - General principles and requirements for validation and verification bodies (ISO/IEC 17029:2019)*

Språk: en

**NS-ISO/IEC 20000-10:2018**

Informasjonsteknologi - Tjenesteledelse - Del 10: Begreper og terminologi

*Information technology - Service management - Part 10: Concepts and vocabulary*

Språk: en

**NS-ISO/IEC 27007:2020**

Informasjonssikkerhet, cybersikkerhet og personvern - Retningslinjer for revisjon av ledelsessystemer for informasjonssikkerhet

*Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN ISO 22301:2014**

Samfunnssikkerhet - Systemer for kontinuitetsplanlegging - Krav (ISO 22301:2012)

*Societal security - Business continuity management systems - Requirements (ISO 22301:2012)*

Språk: en

Ingen erstatning

**07 Matematikk. Naturvitenskap****Standardforslag til høring - europeiske (CEN)****prEN ISO 6888-1**

*Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium (ISO/DIS 6888-1:2020)*

Språk: en

Kommentarfrist: 25.05.2020

**prEN ISO 6888-2**

*Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 2: Technique using rabbit plasma fibrinogen agar medium (ISO/DIS 6888-2:2020)*

Språk: en

Kommentarfrist: 25.05.2020

**prEN ISO 20743**

*Textiles - Determination of antibacterial activity of textile products (ISO/DIS 20743:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**prEN ISO 20836**

*Microbiology of the food chain - Polymerase chain reaction (PCR) for the detection of food-borne pathogens - Thermal performance testing of thermal cyclers (ISO/DIS 20836:2020)*

Språk: en

Kommentarfrist: 26.03.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 6888-1**

*Microbiology of the food chain -- Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) -- Part 1: Technique using Baird-Parker agar medium*

Språk: en

Kommentarfrist: 30.07.2020

**ISO/DIS 6888-2**

*Microbiology of the food chain -- Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) -- Part 2: Technique using rabbit plasma fibrinogen agar medium*

Språk: en

Kommentarfrist: 25.05.2020

**ISO/DIS 6888-1**

*Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Technique including confirmation of colonies (Revision of ISO 6888:1983)*

Språk: en

Kommentarfrist: 25.05.2020

**ISO/DIS 20743**

*Textiles -- Determination of antibacterial activity of textile products*

Språk: en

Kommentarfrist: 01.08.2020

**ISO/DIS 20836**

*Microbiology of the food chain -- Polymerase chain reaction (PCR) for the detection of food-borne pathogens -- Thermal performance testing of thermal cyclers*

Språk: en

Kommentarfrist: 26.03.2020

**ISO-standarder****ISO 21256-2:2020**

*Fine bubble technology -- Cleaning applications -- Part 2: Test method for cleaning machine-oil stained surfaces of machined metal parts*

Språk: en

**ISO 21910-1:2020**

*Fine bubble technology -- Characterization of microbubbles -- Part 1: Off-line evaluation of size index*

Språk: en

**ISO/TS 19808:2020**

*Nanotechnologies -- Carbon nanotube suspensions -- Specification of characteristics and measurement methods*

Språk: en

**ISO/TS 21256-1:2020**

*Fine bubble technology -- Cleaning applications -- Part 1: Test method for cleaning salt (NaCl)-stained surfaces*

Språk: en

**Rapporter fra CEN (CR)****CEN ISO/TS 19590:2019**

*Nanotechnologies - Size distribution and concentration of inorganic nanoparticles in aqueous media via single particle inductively coupled plasma mass spectrometry (ISO/TS 19590:2017)*

Språk: en

**CEN/TR 17222:2019**

*Textile products and nanotechnologies - Guidance on tests to simulate nanoparticle release - Skin exposure*

Språk: en

**CEN/TS 17171:2018**

*Management of observed hydrometric data - Guidance*

Språk: en

**CEN/TS 17273:2018**

*Nanotechnologies - Guidance on detection and identification of nano-objects in complex matrices*

Språk: en

**CEN/TS 17274:2018**

*Nanotechnologies - Guidelines for determining protocols for the explosivity and flammability of powders containing nano-objects (for transport, handling and storage)*

Språk: en

**CEN/TS 17275:2018**

*Nanotechnologies - Guidelines for the management and disposal of waste from the manufacturing and processing of manufactured nano-objects*

Språk: en

**CEN/TS 17276:2018**

*Nanotechnologies - Guidelines for Life Cycle Assessment - Application of EN ISO 14044:2006 to Manufactured Nanomaterials*

Språk: en

**Fastsatte norske standarder****NS-EN ISO 19036:2019**

*Mikrobiologi i næringsmiddelkjeden - Beregning av måleusikkerhet ved kvantitative bestemmelser (ISO 19036:2019)*

*Microbiology of the food chain - Estimation of measurement uncertainty for quantitative determinations (ISO 19036:2019)*

Språk: en

## 11 Helsevesen, Teknikk

### Standardforslag til høring - europeiske (CEN)

#### **EN ISO 11978:2017/prA1**

*Ophthalmic optics - Contact lenses and contact lens care products - Labelling - Amendment 1 (ISO 11978:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 14.04.2020

#### **EN ISO 15841:2014/prA1**

*Dentistry - Wires for use in orthodontics - Amendment 1 (ISO 15841:2014/DAM 1:2020)*

Språk: en

Kommentarfrist: 01.06.2020

#### **EN ISO 17254:2016/prA1**

*Dentistry - Coiled springs for use in orthodontics - Amendment 1 (ISO 17254:2016/DAM 1:2020)*

Språk: en

Kommentarfrist: 01.06.2020

#### **prEN ISO 407**

*Små gassflasker til medisinsk bruk - Ventilforbindelser med skruventil (ISO/DIS 407:2020)*

*Small medical gas cylinders - Pin-index yoke-type valve connections (ISO/DIS 407:2020)*

Språk: en

Kommentarfrist: 23.04.2020

#### **prEN ISO 8536-12**

*Infusion equipment for medical use - Part 12: Check valves for single use (ISO/DIS 8536-12:2020)*

Språk: en

Kommentarfrist: 23.04.2020

#### **prEN ISO 10477**

*Tannpleie - Polymerbaserte krone- og fasadematerialer (ISO/DIS 10477:2020)*

*Dentistry - Polymer-based crown and veneering materials (ISO/DIS 10477:2020)*

Språk: en

Kommentarfrist: 14.04.2020

#### **prEN ISO 10993-2**

*Biological evaluation of medical devices - Part 2: Animal welfare requirements (ISO/DIS 10993-2:2020)*

Språk: en

Kommentarfrist: 30.04.2020

#### **prEN ISO 10993-10**

*Biological evaluation of medical devices - Part 10: Tests for skin sensitization (ISO/DIS 10993-10:2020)*

Språk: en

Kommentarfrist: 01.05.2020

#### **prEN ISO 11608-1**

*Nålbaserte injeksjonssystemer til medisinsk bruk - Krav og prøvingsmetoder - Del 1: Nålbaserte injeksjonssystemer (ISO/DIS 11608-1:2020)*

*Needle-based injection systems for medical use - Requirements and test methods - Part 1: Needle-based injection systems (ISO/DIS 11608-1:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11608-2**

Nålbaserte injeksjonssystemer til medisinsk bruk - Krav og prøvingsmetoder - Del 2: Nåler (ISO/DIS 11608-2:2020)  
*Needle-based injection systems for medical use - Requirements and test methods - Part 2: Needles (ISO/DIS 11608-2:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11608-3**

*Needle-based injection systems for medical use - Requirements and test methods - Part 3: NIS containers and integrated fluid paths (ISO/DIS 11608-3:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11608-4**

*Needle-based injection systems for medical use - Requirements and test methods - Part 4: Needle-based injection systems containing electronics (ISO/DIS 11608-4:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11608-5**

Nålbaserte injeksjonssystemer til medisinsk bruk - Krav og prøvingsmetoder - Del 5: Automatiserte funksjoner (ISO/DIS 11608-5:2020)

*Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions (ISO/DIS 11608-5:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11978:2017**

Oftalmisk optikk - Kontaktlinser og vedlikeholdsutstyr for kontaktlinser - Merking - Endringsblad 1 (ISO 11978:2017/DAM 1:2020)  
*Ophthalmic optics - Contact lenses and contact lens care products - Labelling - Amendment 1 (ISO 11978:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 14.04.2020

**prEN ISO 15223-1**

Medisinsk utstyr - Symboler for medisinsk utstyr til bruk på etiketter, som merking eller til informasjon - Del 1: Generelle krav (ISO/DIS 15223-1:2020)

*Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (ISO/DIS 15223-1:2020)*

Språk: en

Kommentarfrist: 07.05.2020

**prEN ISO 16061**

*Instruments for use in association with non-active surgical implants - General requirements (ISO/DIS 16061:2020)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 16628**

*Anaesthetic and respiratory equipment - Tracheobronchial tubes (ISO/DIS 16628:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**prEN ISO 23402-1**

*Dentistry - Portable dental equipment for use in non-permanent healthcare environment - Part 1: General requirements (ISO/DIS 23402-1:2020)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 23450**

*Dentistry - Intraoral camera (ISO/DIS 23450:2020)*

Språk: en

Kommentarfrist: 29.05.2020



**prEN ISO 80601-2-87**

*Medical electrical equipment - Part 2-87: Particular requirements for basic safety and essential performance of high-frequency ventilators (ISO/DIS 80601-2-87:2020)*

Språk: en

Kommentarfrist: 03.04.2020

**prEN ISO 80601-2-85**

*Medical electrical equipment - Part 2-85: Particular requirements for basic safety and essential performance of cerebral tissue oximeter equipment (ISO/DIS 80601-2-85:2020)*

Språk: en

Kommentarfrist: 25.05.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 15841:2014/DAmD 1**

Språk: en

Kommentarfrist: 01.06.2020

**ISO 17254:2016/DAmD 1**

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 407**

*Small medical gas cylinders -- Pin-index yoke-type valve connections*

Språk: en

Kommentarfrist: 23.04.2020

**ISO/DIS 407**

*Small medical gas cylinders -- Pin-index yoke-type valve connections*

Språk: en

Kommentarfrist: 28.06.2020

**ISO/DIS 4135**

*Anaesthetic and respiratory equipment -- Vocabulary and semantics*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 8536-12**

*Infusion equipment for medical use -- Part 12: Check valves*

Språk: en

Kommentarfrist: 23.04.2020

**ISO/DIS 8536-12**

*Infusion equipment for medical use -- Part 12: Check valves for single use*

Språk: en

Kommentarfrist: 28.06.2020

**ISO/DIS 10477**

*Dentistry -- Polymer-based crown and bridge materials*

Språk: en

Kommentarfrist: 14.04.2020

**ISO/DIS 10477**

*Dentistry -- Polymer-based crown and veneering materials*

Språk: en

Kommentarfrist: 19.06.2020

**ISO/DIS 10993-2**

Biologisk evaluering av medisinsk utstyr - Del 2: Krav til dyrs velferd  
*Biological evaluation of medical devices -- Part 2: Animal welfare requirements*  
Språk: en  
Kommentarfrist: 30.04.2020

**ISO/DIS 10993-2**

*Biological evaluation of medical devices -- Part 2: Animal welfare requirements*  
Språk: en  
Kommentarfrist: 05.07.2020

**ISO/DIS 10993-10**

*Biological evaluation of medical devices -- Part 10: Tests for skin sensitization*  
Språk: en  
Kommentarfrist: 06.07.2020

**ISO/DIS 10993-10**

*Biological evaluation of medical devices - Part 10: Tests for irritation and sensitization*  
Språk: en  
Kommentarfrist: 01.05.2020

**ISO/DIS 11608-1**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 1: Needle-based injection systems*  
Språk: en  
Kommentarfrist: 10.07.2020

**ISO/DIS 11608-2**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 2: Double-ended needles*  
Språk: en  
Kommentarfrist: 10.07.2020

**ISO/DIS 11608-3**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 3: NIS containers and integrated fluid paths*  
Språk: en  
Kommentarfrist: 10.07.2020

**ISO/DIS 11608-4**

*Pen-injectors for medical use -- Part 4: Requirements and test methods for electronic and electromechanical pen-injectors*  
Språk: en  
Kommentarfrist: 05.05.2020

**ISO/DIS 11608-5**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 5: Automated functions*  
Språk: en  
Kommentarfrist: 05.05.2020

**ISO/DIS 11608-5**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 5: Automated functions*  
Språk: en  
Kommentarfrist: 10.07.2020

**ISO/DIS 11608-6**

*Needle-based injection systems for medical use -- Requirements and test methods -- Part 6: On-body delivery systems*  
Språk: en  
Kommentarfrist: 05.05.2020

**ISO/DIS 11608-1**

*Pen-injectors for medical use - Part 1: Requirements and test methods*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 11608-2**

*Pen-injectors for medical use - Part 2: Needles - Requirements and test methods*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 11608-3**

*Pen-injectors for medical use - Part 2: Finished cartridges - Requirements and test methods*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 15223-1**

*Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements*

Språk: en

Kommentarfrist: 07.05.2020

**ISO/DIS 15223-1**

*Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements*

Språk: en

Kommentarfrist: 12.07.2020

**ISO/DIS 16061**

*Instrumentering for å brukes i forbindelse med ikke-aktive kirurgiske implantater - Generelle krav*

*Instrumentation to be used in association with non-active surgical implants - General requirements*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 16628**

*Tracheobronchial tubes -- Sizing and marking*

Språk: en

Kommentarfrist: 26.05.2020

**ISO/DIS 16628**

*Anaesthetic and respiratory equipment -- Tracheobronchial tubes*

Språk: en

Kommentarfrist: 31.07.2020

**ISO/DIS 19609-1**

*Traditional Chinese medicine -- Quality and safety of raw materials and manufacturing products made with raw materials -- Part 1: General requirements*

Språk: en

Kommentarfrist: 27.03.2020

**ISO/DIS 19609-2**

*Traditional Chinese medicine -- Quality and safety of raw materials and manufacturing products made with raw materials -- Part 2: Identity testing of constituents of herbal origin*

Språk: en

Kommentarfrist: 27.03.2020

**ISO/DIS 23402-1**

*Dentistry -- Portable dental equipment for use in non-permanent healthcare environment -- Part 1: General requirements*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 23450**

*Dentistry -- Intraoral camera*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 26825**

*Anaesthetic and respiratory equipment -- User-applied labels for syringes containing drugs used during anaesthesia -- Colours, design and performance*

Språk: en

Kommentarfrist: 30.03.2020

**ISO/DIS 80601-2-87**

*Medical electrical equipment -- Part 2-87: Particular requirements for basic safety and essential performance of high-frequency ventilators*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 80601-2-85**

*Medical electrical equipment -- Part 2-85: Particular requirements for basic safety and essential performance of cerebral tissue oximeter equipment*

Språk: en

Kommentarfrist: 25.05.2020

**ISO-standarder**

**ISO 7199:2016/Amd 1:2020**

*Connectors*

Språk: en

**ISO 8551:2020**

*Prosthetics and orthotics -- Functional deficiencies -- Description of the person to be treated with an orthosis, clinical objectives of treatment, and functional requirements of the orthosis*

Språk: en

Erstatter A00008:20:038506

**ISO 15674:2016/Amd 1:2020**

*Connectors*

Språk: en

**ISO 15675:2016/Amd 1:2020**

*Connectors*

Språk: en

**ISO 24157:2008/Amd 1:2020**

Språk: en

**ISO/TS 10993-19:2020**

*Biological evaluation of medical devices -- Part 19: Physico-chemical, morphological and topographical characterization of materials*

Språk: en

Erstatter A00008:20:035978

**ISO/TS 17988:2020**

*Dentistry -- Corrosion test methods for dental amalgam*

Språk: en

Erstatter A00008:20:061230

**ISO/TS 21831:2020**

*Information model of Chinese materia medica processing*

Språk: en

**ISO/TS 81060-5:2020**

*Non-invasive sphygmomanometers -- Part 5: Requirements for the repeatability and reproducibility of NIBP simulators for testing of automated non-invasive sphygmomanometers*

Språk: en

**CEN Workshop Agreements****CWA 17502:2020**

*Privacy of monitoring technology - Guidelines for introducing ambient and wearable monitoring technologies balancing privacy protection against the need for oversight and care*

Språk: en

**Rapporter fra CEN (CR)****CEN/TR 17223:2018**

*Guidance on the relationship between EN ISO 13485: 2016 (Medical devices - Quality management systems - Requirements for regulatory purposes) and European Medical Devices Regulation and In Vitro Diagnostic Medical Devices Regulation*

Språk: en

**CEN/TR 17296:2018**

*Chemical disinfectants and antiseptics - Differentiation of active and non-active substances*

Språk: en

**CEN/TS 16826-3:2018**

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for snap frozen tissue - Part 3: Isolated DNA*

Språk: en

**CEN/TS 17159:2018**

*Societal and citizen security - Guidance for the security of hazardous materials (CBRNE) in healthcare facilities*

Språk: en

**CEN/TS 17305:2019**

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for saliva - Isolated human DNA*

Språk: en

**CEN/TS 17390-1:2020**

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood - Part 1: Isolated RNA*

Språk: en

**CEN/TS 17390-2:2020**

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood - Part 2: Isolated DNA*

Språk: en

**CEN/TS 17390-3:2020**

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumor cells (CTCs) in venous whole blood - Part 3: Preparations for analytical CTC staining*

Språk: en

**Fastsatte norske standarder****NS-EN 17122:2019**

*Kjemiske desinfeksjonsmidler og antiseptika - Kvantitativ ikke-porøs overflateprøving for evaluering av virusaktivitet i kjemiske desinfeksjonsmidler og antiseptika brukt på veterinærområdet - Prøvmingsmetode og krav (fase 2, trinn 2)*

*Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements - Phase2, step2*

Språk: en

**NS-EN ISO 9693:2019**

Tannpleie - Forenlighetsprøving av metall-keramiske og keramisk-keramiske systemer (ISO 9693:2019)

*Dentistry - Compatibility testing for metal-ceramic and ceramic-ceramic systems (ISO 9693:2019)*

Språk: en

**NS-EN ISO 11135:2014/A1:2019**

Endring 1 - Sterilisering av helsetjenesteprodukter - Etylenoksid - Krav til utvikling, validering og rutinekontroll av en steriliseringsprosess for medisinsk utstyr - Endring 1: Revisjon av Tillegg E, Frigivelse av ett parti (ISO 11135:2014/Amd 1:2018)

*Amendment 1 - Sterilization of health-care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices - Amendment 1: Revision of Annex E, Single batch release (ISO 11135:2014/Amd 1:2018)*

Språk: en

**NS-EN ISO 11137-1:2015/A2:2019**

Endring 2 - Sterilisering av helsetjenesteprodukter - Stråling - Del 1: Krav til utvikling, validering og rutinekontroll av en steriliseringsprosess for medisinsk utstyr - Endring 2: Revisjon av 4.3.4 og 11.2 (ISO 11137-1:2006/Amd 2:2018)

*Amendment 2 - Sterilization of health care products - Radiation - Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices - Amendment 2: Revision to 4.3.4 and 11.2 (ISO 11137-1:2006/Amd 2:2018)*

Språk: en

**NS-EN ISO 11197:2019**

Medisinske forsyningsenheter (ISO 11197:2019)

*Medical supply units (ISO 11197:2019)*

Språk: en

**NS-EN ISO 15002:2008/A1:2019**

Endring 1 - Gasstrømsmålere for tilkoping til ut- og inntaksposter i medisinske sentralgassanlegg (ISO 15002:2008/Amd 1:2018)

*Amendment 1 - Flow-metering devices for connection to terminal units of medical gas pipeline systems (ISO 15002:2008/Amd 1:2018)*

Språk: en

**NS-EN ISO 24550:2019**

Ergonomi - Universell utforming - Indikatorlys på forbrukerprodukter (ISO 24550:2019)

*Ergonomics - Accessible design - Indicator lights on consumer products (ISO 24550:2019)*

Språk: en

**NS-EN ISO 24551:2019**

Ergonomi - Universell utforming - Taleveiledning for forbrukerprodukter (ISO 24551:2019)

*Ergonomics - Accessible design - Spoken instructions of consumer products (ISO 24551:2019)*

Språk: en

**NS-EN ISO 25424:2019**

Sterilisering av helsetjenesteprodukter - Vanndamp med lav temperatur og formaldehyd - Krav til utvikling, validering og rutinekontroll av en steriliseringsprosess for medisinsk utstyr (ISO 25424:2018)

*Sterilization of health care products - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 25424:2018)*

Språk: en

**NS-EN ISO 80601-2-13:2012/A1:2019**

Endring 1 - Medisinsk elektrisk utstyr - Del 2-13: Spesielle krav til grunnleggende sikkerhet og vesentlig ytelse for anestesiapparater (ISO 80601-2-13:2011/Amd 1:2015)

*Amendment 1 - Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011/Amd 1:2015)*

Språk: en

**NS-EN ISO 80601-2-13:2012/A2:2019**

Endring 2 - Medisinsk elektrisk utstyr - Del 2-13: Spesielle krav til grunnleggende sikkerhet og vesentlig ytelse for anestesiapparater (ISO 80601-2-13:2011/Amd 2:2018)

*Amendment 2 - Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011/Amd 2:2018)*

Språk: en

**NS-EN ISO 81060-2:2019**

Ikke-invasive blodtrykksmålere - Del 2: Klinisk validering av intermitterende automatisert målingstype (ISO 81060-2:2018)

*Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060-2:2018)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 9693-1:2012**

Tannpleie - Kompatibilitetsprøving - Del 1: Materialer av metallbundet porselen (ISO 9693-1:2012)

*Dentistry - Compatibility testing - Part 1: Metal-ceramic systems (ISO 9693-1:2012)*

Språk: en

Ingen erstatning

**NS-EN ISO 9693-2:2016**

Tannpleie - Forenlighetsprøving - Del 2: Keramisk-keramiske systemer (ISO 9693-2:2016)

*Dentistry - Compatibility testing - Part 2: Ceramic-ceramic systems (ISO 9693-2:2016)*

Språk: en

Ingen erstatning

**NS-EN ISO 11197:2016**

Medisinske forsyningsenheter (ISO 11197:2016)

*Medical supply units (ISO 11197:2016)*

Språk: en

Ingen erstatning

**NS-EN ISO 24500:2010**

Ergonomi - Tilgjengelig utforming - Lydsignaler for forbrukerprodukter (ISO 24500:2010)

*Ergonomics - Accessible design - Auditory signals for consumer products (ISO 24500:2010)*

Språk: en

Ingen erstatning

**NS-EN ISO 25424:2011**

Sterilisering av medisinsk utstyr - Vanndamp med lav temperatur og formaldehyd - Krav til utvikling, validering og rutinekontroll av en steriliseringsprosess for medisinsk utstyr (ISO 25424:2009)

*Sterilization of medical devices - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 25424:2009)*

Språk: en

Ingen erstatning

**NS-EN ISO 81060-2:2014**

Ikke-invasive blodtrykksmålere - Del 2: Klinisk validering av automatisert målingstype (ISO 81060-2:2013)

*Non-invasive sphygmomanometers - Part 2: Clinical investigation of automated measurement type (ISO 81060-2:2013)*

Språk: en

Ingen erstatning

**13 Miljøvern. Helsevern. Sikkerhet****Standardforslag til høring - europeiske (CEN)****EN ISO 389-3:2016/prA1**

Akustikk - Referanseverdier til kalibrering av audiometre - Del 3: Ekvivalente referansenivåer av vibrasjonsterskel for rentoner og benledere - Endringsblad 1 (ISO 389-3:2016/DAM 1:2020)

*Acoustics - Reference zero for the calibration of audiometric equipment - Part 3: Reference equivalent threshold vibratory force levels for pure tones and bone vibrators - Amendment 1 (ISO 389-3:2016/DAM 1:2020)*

Språk: en

Kommentarfrist: 27.04.2020

**EN ISO 20349-1:2017/prA1**

Personal protective equipment - Footwear protecting against risk in foundries and welding - Part 1: Requirements and test methods for protection against risk in foundries - Amendment 1 (ISO 20349-1:2017/DAM 1:2020)

Språk: en

Kommentarfrist: 26.05.2020

**EN ISO 20349-2:2017/prA1**

Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 2: Requirements and test methods for protection against risks in welding and allied processes - Amendment 1 (ISO 20349-2:2017/DAM 1:2020)

Språk: en

Kommentarfrist: 26.05.2020

**EN ISO 23753-1:2019/prA1**

Jordkvalitet - Bestemmelse av dehydrogenaseaktivitet i jord - Del 1: Metode med bruk av trifenyltetrazoliumklorid (TTC) - Endringsblad 1 (ISO 23753-1:2019/DAM 1:2020)

*Soil quality - Determination of dehydrogenases activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC) - Amendment 1 (ISO 23753-1:2019/DAM 1:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**EN ISO 23753-2:2019/prA1**

Jordkvalitet - Bestemmelse av dehydrogenaseaktivitet i jord - Del 2: Metode med bruk av jodtetrazoliumklorid (INT) - Endringsblad 1 (ISO 23753-2:2019/DAM 1:2020)

*Soil quality - Determination of dehydrogenases activity in soils - Part 2: Method using iodotetrazolium chloride (INT) - Amendment 1 (ISO 23753-2:2019/DAM 1:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN 482**

Workplace exposure - Procedures for the determination of the concentration of chemical agents - General performance requirements

Språk: en

Kommentarfrist: 09.04.2020

**prEN 1366-3**

Prøving av brannmotstanden til tekniske installasjoner - Del 3: Gjennomføringstetninger

*Fire resistance tests for service installations - Part 3: Penetration seals*

Språk: en

Kommentarfrist: 23.04.2020

**prEN 14735**

Characterization of waste - Preparation of waste samples for ecotoxicity tests

Språk: en

Kommentarfrist: 04.06.2020



**prEN 16980-1**

*Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials*

Språk: en

Kommentarfrist: 04.06.2020

**prEN 17020-4**

*Extended application of test results on durability of self-closing for doorsets and openable windows - Part 4: Durability of self-closing of fire resistance hinged and pivoted metal framed glazed doorsets and openable windows*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 17477**

*Algae and algae products - Identification of the biomass of microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes - Detection and identification with morphological and/or molecular methods*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 17479**

*Hearing protectors - Guidance on selection of individual fit testing methods*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 17480**

*Algae and algae products - Methods for the determination of productivity of algae growth sites*

Språk: en

Kommentarfrist: 04.06.2020

**prEN 17487**

*Protective clothing - Protective garments treated with permethrin for the protection against tick bites*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 50710**

*Guidelines and requirements for Remote Services for fire safety and security systems*

Språk: en

Kommentarfrist: 05.06.2020

**prEN ISO 8041-2**

*Human response to vibration - Measuring instrumentation - Part 2: Part 2: Personal vibration exposure meters (ISO/DIS 8041-2:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**prEN ISO 10703**

*Water quality - Gamma-ray emitting radionuclides - Text method using gamma-ray spectrometry (ISO/DIS 10703:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN ISO 11916-3**

*Soil quality - Determination of selected explosives and related compounds - Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS) (ISO/DIS 11916-3:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 12404**

*Soil quality - Guidance on the selection and application of screening methods (ISO/DIS 12404:2020)*

Språk: en

Kommentarfrist: 28.05.2020

**prEN ISO 13160**

Vannundersøkelse - Strontium 90 og strontium 89 - Prøvmingsmetoder ved bruk av væskescintillasjon eller proporsjonaltelling (ISO/DIS 13160:2020)

*Water quality - Strontium 90 and strontium 89 - Test methods using liquid scintillation counting or proportional counting (ISO/DIS 13160:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN ISO 13162**

*Water quality - Carbon 14 - Test method using liquid scintillation counting (ISO/DIS 13162:2020)*

Språk: en

Kommentarfrist: 14.04.2020

**prEN ISO 14007**

*Environmental management - Guidelines for determining environmental costs and benefits (ISO 14007:2019)*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 14008**

*Monetary valuation of environmental impacts and related environmental aspects (ISO 14008:2019)*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 14557**

Brannslanger - Sugeslanger av gummi eller plast med tilbehør (ISO/DIS 14557:2020)

*Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies (ISO/DIS 14557:2020)*

Språk: en

Kommentarfrist: 24.04.2020

**prEN ISO 19734**

*Eye and face protection — Guidance on selection, use and maintenance (ISO/DIS 19734:2020)*

Språk: en

Kommentarfrist: 27.05.2020

**prEN ISO 21365**

*Soil quality - Conceptual site models for potentially contaminated sites (ISO 21365:2019)*

Språk: en

Kommentarfrist: 23.04.2020

**prEN ISO 23063**

*Foundry machinery - Safety requirements for high pressure die casting machines (ISO/DIS 23063:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 389-3:2016/DAMd 1**

Språk: en

Kommentarfrist: 27.04.2020

**ISO 23753-1:2019/DAMd 1**

*Soil quality -- Determination of dehydrogenases activity in soils -- Part 1: Method using triphenyltetrazolium chloride (TTC) - Amendment 1*

Språk: en

Kommentarfrist: 11.05.2020

**ISO 23753-2:2019/DAMd 1**

*Soil quality -- Determination of dehydrogenases activity in soils -- Part 2: Method using iodotetrazolium chloride (INT) - Amendment 1*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 6107**

*Water quality -- Vocabulary*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 7240-13**

*Fire detection and alarm systems -- Part 13: Compatibility assessment of system components*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 8041-2**

*Human response to vibration -- Measuring instrumentation -- Part 2: Personal vibration exposure meters*

Språk: en

Kommentarfrist: 26.05.2020

**ISO/DIS 9038**

*Paints and varnishes - Determination of ability of liquid paints to sustain combustion [Revision of first edition (ISO 9038:1991)]*

*Paints and varnishes - Determination of ability of liquid paints to sustain combustion [Revision of first edition (ISO 9038:1991)]*

Språk: en

Kommentarfrist: 08.06.2020

**ISO/DIS 9241-971**

*Ergonomics of human-system interaction -- Part 971: Guidance on physical (tactile/haptic) accessibility*

Språk: en

Kommentarfrist: 28.04.2020

**ISO/DIS 9772**

*Cellular plastics - Determination of horizontal burning characteristics of small specimens subjected to a small flame [Revision of first edition (ISO 9772:1994)]*

*Cellular plastics - Determination of horizontal burning characteristics of small specimens subjected to a small flame [Revision of first edition (ISO 9772:1994)]*

Språk: en

Kommentarfrist: 02.06.2020

**ISO/DIS 10390**

*Soil, sludge and treated biowaste -- Determination of pH*

Språk: en

Kommentarfrist: 30.05.2020

**ISO/DIS 10703**

*Water quality - Determination of the activity concentration of radionuclides by high resolution gamma ray spectrometry*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 11916-3**

*Soil quality -- Determination of selected explosives and related compounds -- Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS)*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 12404**

*Soil and waste -- Guidance on the selection and application of screening methods*

Språk: en

Kommentarfrist: 28.05.2020

**ISO/DIS 13160**

*Water quality -- Measurement of strontium 90 and strontium 89*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 13162**

*Water quality -- Determination of carbon 14 activity -- Liquid scintillation counting method*

Språk: en

Kommentarfrist: 14.04.2020

**ISO/DIS 13784-2**

*Reaction-to-fire tests for sandwich panel building systems -- Part 2: Test method for large rooms*

Språk: en

Kommentarfrist: 22.06.2020

**ISO/DIS 13784-2**

*Brannprøving - Industrielle sandwich panelers egenskaper ved brannpåvirkning - Del 2: Prøving i stor skala*

*Reaction-to-fire tests for industrial sandwich panels - Part 2: Large-scale tests*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 14065**

*Greenhouse gases -- Environmental information -- Requirements for bodies validating and verifying environmental information*

Språk: en

Kommentarfrist: 30.05.2020

**ISO/DIS 14557**

*Suction hoses for fire-fighting purposes*

Språk: en

Kommentarfrist: 24.04.2020

**ISO/DIS 16000-28**

*Indoor air -- Part 28: Determination of odour emissions from building products using test chambers*

Språk: en

Kommentarfrist: 05.04.2020

**ISO/DIS 16640**

*Monitoring radioactive gases in effluents from facilities producing positron emitting radionuclides and radiopharmaceuticals*

Språk: en

Kommentarfrist: 27.03.2020

**ISO/DIS 20414**

*Fire safety engineering -- Verification and validation protocol for building fire evacuation models*

Språk: en

Kommentarfrist: 31.03.2020

**ISO/DIS 21863**

*Water quality -- Determination of alkylmercury compounds in water -- Method using gas chromatography-mass spectrometry (GC-MS) after phenylation and solvent extraction*

Språk: en

Kommentarfrist: 22.04.2020

**ISO/DIS 21909-1**

*Passive neutron dosimetry systems -- Part 1: Performance and test requirements for personal dosimetry*

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 21909-2**

*Passive neutron dosimetry systems -- Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces*

Språk: en

Kommentarfrist: 04.05.2020

**ISO/DIS 22341**

*Security and resilience -- Protective security -- Guidelines for crime prevention through environmental design*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 22955**

*Acoustics -- Acoustic quality of open office spaces*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 24528**

*Service activities relating to drinking water systems and wastewater systems -- Guideline for a water loss investigation of drinking water distribution networks*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 27920**

*Carbon dioxide capture, transportation and geological storage (CCS) -- Quantification and Verification*

Språk: en

Kommentarfrist: 30.03.2020

**ISO-standarder**

**ISO 7096:2020**

*Earth-moving machinery -- Laboratory evaluation of operator seat vibration*

Språk: en

Erstatter A00008:20:025592

**ISO 7240-3:2020**

*Fire detection and alarm systems -- Part 3: Audible alarm devices*

Språk: en

Erstatter A00008:20:053566

**ISO 7240-17:2020**

*Fire detection and fire alarm systems -- Part 17: Transmission path isolators*

Språk: en

Erstatter A00008:20:051209

**ISO 16106:2020**

*Transport packages for dangerous goods -- Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings -- Guidelines for the application of ISO 9001*

Språk: en

Erstatter A00008:20:039762

**ISO 16972:2020**

*Respiratory protective devices -- Vocabulary and graphical symbols*

Språk: en

Erstatter A00008:20:038180

**ISO 18526-1:2020**

*Eye and face protection -- Test methods -- Part 1: Geometrical optical properties*

Språk: en

Erstatter A00008:20:010837

**ISO 18526-2:2020**

*Eye and face protection -- Test methods -- Part 2: Physical optical properties*

Språk: en

Erstatter A00008:20:010837

**ISO 18526-4:2020**

*Eye and face protection -- Test methods -- Part 4: Headforms*

Språk: en

**ISO 19085-11:2020**

*Woodworking machines -- Safety -- Part 11: Combined machines*

Språk: en

**ISO 21755-2:2020**

*Motorcycles -- Measurement method for evaporative emissions -- Part 2: Permeation test procedure*

Språk: en

**ISO 21904-1:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 1: General requirements*

Språk: en

Erstatter A00008:20:057900

**ISO 21904-2:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 2: Requirements for testing and marking of separation efficiency*

Språk: en

Erstatter A00008:20:053013

**ISO 21904-4:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 4: Determination of the minimum air volume flow rate of capture devices*

Språk: en

Erstatter A00008:20:042810

**ISO 22449-1:2020**

*Use of reclaimed water in industrial cooling systems -- Part 1: Technical guidelines*

Språk: en

**ISO 22908:2020**

*Water quality -- Radium 226 and Radium 228 -- Test method using liquid scintillation counting*

Språk: en

**ISO/TR 9241-312:2020**

*Ergonomics of human-system interaction -- Part 312: Readability of electrophoretic displays*

Språk: en

**ISO/TR 15655:2020**

*Fire resistance -- Tests for thermo-physical and mechanical properties of structural materials at elevated temperatures for fire engineering design*

Språk: en

Erstatter A00008:20:037516

**ISO/TR 21960:2020**

*Plastics -- Environmental aspects -- State of knowledge and methodologies*

Språk: en

**ISO/TR 22370:2020**

*Security and resilience -- Urban resilience -- Framework and principles*

Språk: en

**ISO/TR 23932-2:2020**

*Fire safety engineering -- General principles -- Part 2: Example of a dry-cleaning store*

Språk: en

**ISO/TS 12828-3:2020**

*Validation method for fire gas analysis -- Part 3: Considerations related to interlaboratory trials*

Språk: en

**ISO/TS 21054:2020**

*Ergonomics -- Accessible design -- Controls of consumer products*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TR 19664:2018**

*Human response to vibration - Guidance and terminology for instrumentation and equipment for the assessment of daily vibration exposure at the workplace according to the requirements of health and safety (ISO/TR 19664:2017)*

Språk: en

**CEN ISO/TR 21960:2020**

*Plastics - Environmental aspects - State of knowledge and methodologies (ISO/TR 21960:2020)*

Språk: en

**CEN ISO/TS 18090-1:2019**

*Radiological protection - Characteristics of reference pulsed radiation - Part 1: Photon radiation (ISO/TS 18090-1:2015)*

Språk: en

**CEN ISO/TS 21623:2018**

*Arbeidsplassluft - Vurdering av hudens eksponering for nanoobjekter og deres aggregater og agglomerater (NOAA) (ISO/TS 21623:2017)*

*Workplace exposure - Assessment of dermal exposure to nano-objects and their aggregates and agglomerates (NOAA) (ISO/TS 21623:2017)*

Språk: en

**CEN ISO/TS 21805:2019**

*Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/TS 21805:2018)*

Språk: en

**CEN/TR 13695-2:2019**

*Packaging - Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment - Part 2: Requirements for measuring and verifying dangerous substances present in packaging, and their release into the environment*

Språk: en

**CEN/TR 14560:2018**

*Veiledning for valg, bruk, ettersyn og vedlikehold av vernetøy mot varme og flamme*

*Guidance for selection, use, care and maintenance of protective clothing against heat and flame*

Språk: en

**CEN/TR 15897:2018**

*Submerged Membrane Bioreactor (MBR) technology*

Språk: en

**CEN/TR 16829:2016+AC:2019**

*Fire and explosion prevention and protection for bucket elevators*

Språk: en

**CEN/TR 17244:2018**

*Water quality - Technical report for the management of diatom barcodes*

Språk: en

**CEN/TR 17245:2018**

*Water quality - Technical report for the routine sampling of benthic diatoms from rivers and lakes adapted for metabarcoding analyses*

Språk: en

**CEN/TR 17309:2019**

*Test methods for environmental characterization of solid matrices - Guide to flash point testing*

Språk: en

**CEN/TR 17330:2019**

*Guidelines for selection, use, care and maintenance of protective clothing against foul weather, wind and cold*

Språk: en

**CEN/TR 17341:2019**

*Bio-based products - Examples of reporting on sustainability criteria*

Språk: en

**CEN/TR 17345:2019**

*Waste - State-of-the-art document - Halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography detection*

Språk: en

**CEN/TS 54-14:2018**

*Brannalarmanlegg - Del 14: Retningslinjer for planlegging, prosjektering, installasjon, ferdigstillelse, bruk og vedlikehold*

*Fire detection and fire alarm systems - Part 14: Guidelines for planning, design, installation, commissioning, use and maintenance*

Språk: en

**CEN/TS 16459:2019**

*External fire exposure of roofs and roof coverings - Extended application of test results from CEN/TS 1187*

Språk: en

**CEN/TS 16637-1:2018**

*Byggevarer - Vurdering av frigjøring av farlige stoffer - Del 1: Veiledning i bestemmelse av utlekkingsprøvinger og trinn for tilleggsprøvinger*

*Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps*

Språk: en

**CEN/TS 16675:2018**

*Waste - Test methods for the determination of the monolithic status of waste to be landfilled*

Språk: en

**CEN/TS 17159:2018**

*Societal and citizen security - Guidance for the security of hazardous materials (CBRNE) in healthcare facilities*

Språk: en



**CEN/TS 17188:2018**

*Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags*

Språk: en

**CEN/TS 17198:2018**

*Stationary source emissions - Predictive Emission Monitoring Systems (PEMS) - Applicability, execution and quality assurance*

Språk: en

**CEN/TS 17286:2019**

*Stationary source emissions - Mercury monitoring using sorbent traps*

Språk: en

**CEN/TS 17337:2019**

*Stationary source emissions - Determination of mass concentration of multiple gaseous species - Fourier transform infrared spectroscopy*

Språk: en

**CEN/TS 17342:2019**

*Road restraint systems - Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers*

Språk: en

**CEN/TS 17363:2019**

*Intelligent transport systems - ECall optional additional data - Linked mobile phone number data concept*

Språk: en

**CEN/TS 17378:2019**

*Intelligent transport systems - Urban ITS - Air quality management in urban areas*

Språk: en

**Fastsatte norske standarder**

**NS-EN 510:2019**

Spesifikasjon for vernetøy til bruk når det er fare for fastheking i bevegelige deler

*Specification for protective clothing for use where there is a risk of entanglement with moving parts*

Språk: en

**NS-EN 1366-12:2014+A1:2019**

Prøving av brannmotstanden til tekniske installasjoner - Del 12: Ikke-mekaniske brannspjeld for ventilasjonskanaler

*Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork*

Språk: en

**NS-EN 13819-3:2019**

Hørselsvern - Prøving - Del 3: Akustiske tilleggsprøvningsmetoder

*Hearing protectors - Testing - Part 3: Supplementary acoustic test methods*

Språk: en

**NS-EN 15494:2019**

Levende lys - Produktsikkerhetsmerking

*Candles - Product safety labels*

Språk: en

**NS-EN 45555:2019**

Generelle metoder for vurdering av energirelaterte produkters resirkulerings- og gjenvinningsgrad

*General methods for assessing the recyclability and recoverability of energy-related products*

Språk: en

**NS-EN ISO 389-7:2019**

Akustikk - Referanseverdier til kalibrering av audiometre - Del 7: Referansehøreterskel ved lytting under fritt felt- og diffust felt-forhold (ISO 389-7:2019)

*Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions (ISO 389-7:2019)*

Språk: en

**NS-EN ISO 22125-1:2019**

Vannundersøkelse - Technetium-99 - Del 1: Prøvningsmetode med væskescintillasjon (ISO 22125-1:2019)

*Water quality - Technetium-99 - Part 1: Test method using liquid scintillation counting (ISO 22125-1:2019)*

Språk: en

**NS-EN ISO 22125-2:2019**

Vannundersøkelse - Technetium-99 - Del 2: Prøvningsmetode med induktivt koblet plasmamassespektrometri (ICP-MS) (ISO 22125-2:2019)

*Water quality - Technetium-99 - Part 2: Test method using inductively coupled plasma mass spectrometry (ICP-MS) (ISO 22125-2:2019)*

Språk: en

**NS-EN ISO 24550:2019**

Ergonomi - Universell utforming - Indikatorlys på forbrukerprodukter (ISO 24550:2019)

*Ergonomics - Accessible design - Indicator lights on consumer products (ISO 24550:2019)*

Språk: en

**NS-EN ISO 24551:2019**

Ergonomi - Universell utforming - Taleveiledning for forbrukerprodukter (ISO 24551:2019)

*Ergonomics - Accessible design - Spoken instructions of consumer products (ISO 24551:2019)*

Språk: en

**Tilbaketrukne norske standarder**

**NS 3910:2015**

Brannmateriell - Vedlikehold av håndslukkere

*Firefighting equipment - Maintenance of portable fire extinguishers*

Språk: no

Ingen erstatning

**NS-EN 510:1993**

Spesifikasjon for vernetøy til bruk når det er fare for fastheking i bevegelige deler

*Specification for protective clothing for use where there is a risk of entanglement with mowing parts*

Språk: en

Ingen erstatning

**NS-EN 1366-12:2014**

Prøving av brannmotstanden til tekniske installasjoner - Del 12: Ikke-mekaniske brannspjeld for ventilasjonskanaler

*Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork*

Språk: en

Ingen erstatning

**NS-EN 15494:2007**

Levende lys - Produktsikkerhetsmerking

*Candles - Product safety labels*

Språk: en

Ingen erstatning

**NS-EN ISO 389-7:2005**

Akustikk - Referanseverdier til kalibrering av audiometre - Del 7: Referansehøreterskel ved lytting under fritt felt- og diffust felt-forhold (ISO 389-7:2005)

*Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions (ISO 389-7:2005)*

Språk: en

Ingen erstatning

**NS-EN ISO 389-7:2005/A1:2016**

Endringsblad A1 - Akustikk - Referanseverdier til kalibrering av audiometre - Del 7: Referansehøreterskel ved lytting under fritt felt- og diffust felt-forhold (ISO 389-7:2005)

*Amendment A1 - Acoustics - Reference zero for the calibration of audiometric equipment - Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions (ISO 389-7:2005)*

Språk: en

Ingen erstatning

**NS-EN ISO 24500:2010**

Ergonomi - Tilgjengelig utforming - Lydsignaler for forbrukerprodukter (ISO 24500:2010)

*Ergonomics - Accessible design - Auditory signals for consumer products (ISO 24500:2010)*

Språk: en

Ingen erstatning

## 17 Metrologi og måling. Fysiske fenomener

**Standardforslag til høring - europeiske (CEN)****prEN ISO 9053-2**

*Acoustics - Determination of airflow resistance - Part 2: Alternating airflow method (ISO/DIS 9053-2:2020)*

Språk: en

Kommentarfrist: 26.03.2020

**prEN ISO 10703**

*Water quality - Gamma-ray emitting radionuclides - Text method using gamma-ray spectrometry (ISO/DIS 10703:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN ISO 12179**

Geometriske produktspesifikasjoner (GPS) - Overflatebeskaffenhet: Profilm metode - Kalibrering av kontaktinstrumenter (slepenål) (ISO/DIS 12179:2020)

*Geometrical product specifications (GPS) - Surface texture: Profile method - Calibration of contact (stylus) instruments (ISO/DIS 12179:2020)*

Språk: en

Kommentarfrist: 20.04.2020

**prEN ISO 13160**

Vannundersøkelse - Strontium 90 og strontium 89 - Prøvsingsmetoder ved bruk av væskescintillasjon eller proporsjonaltelling (ISO/DIS 13160:2020)

*Water quality - Strontium 90 and strontium 89 - Test methods using liquid scintillation counting or proportional counting (ISO/DIS 13160:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN ISO 13162**

*Water quality - Carbon 14 - Test method using liquid scintillation counting (ISO/DIS 13162:2020)*

Språk: en

Kommentarfrist: 14.04.2020

**prEN ISO 21920-1**

*Geometrical product specifications (GPS) - Surface texture: Profile - Part 1: Indication of surface texture (ISO/DIS 21920-1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO 21920-2**

*Geometrical product specifications (GPS) - Surface texture: Profile - Part 2: Terms, definitions and surface texture parameters (ISO/DIS 21920-2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO 21920-3**

*Geometrical product specifications (GPS) - Surface texture: Profile - Part 3: Specification operators (ISO/DIS 21920-3:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO/CIE 11664-2**

*Colorimetry - Part 2: CIE standard illuminants (ISO/CIE DIS 11664-2:2020)*

Språk: en

Kommentarfrist: 30.04.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 3455**

*Hydrometri -- Kalibrering av strømningsmålere i rette, åpne tanker*

*Hydrometry -- Calibration of current meters in straight open tanks*

Språk: en

Kommentarfrist: 22.04.2020

**ISO/DIS 3455**

*Hydrometry -- Calibration of current-meters in straight open tanks*

Språk: en

Kommentarfrist: 27.06.2020

**ISO/DIS 8529-1**

*Reference neutron radiations fields -- Part 1: Characteristics and methods of production*

Språk: en

Kommentarfrist: 20.06.2020

**ISO/DIS 8529-1**

*Reference neutron radiations - Part 1: Characteristics and methods of production*

Språk: en

Kommentarfrist: 15.04.2020

**ISO/DIS 10703**

*Water quality - Determination of the activity concentration of radionuclides by high resolution gamma ray spectrometry*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 12179**

*Geometrical Product Specifications (GPS) - Surface texture: Profile method - Calibration of contact (stylus) instruments*

Språk: en

Kommentarfrist: 20.04.2020

**ISO/DIS 13160**

*Water quality -- Measurement of strontium 90 and strontium 89*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 13162**

*Water quality -- Determination of carbon 14 activity -- Liquid scintillation counting method*

Språk: en

Kommentarfrist: 14.04.2020

**ISO/DIS 15368**

*Optics and optical instruments - Measurement of reflectance of plane surfaces and transmittance of plane parallel elements*

Språk: en

Kommentarfrist: 03.06.2020

**ISO-standarder**

**ISO 6798-1:2020**

*Reciprocating internal combustion engines -- Measurement of sound power level using sound pressure -- Part 1: Engineering method*

Språk: en

Erstatter A00008:20:020801

**ISO 6798-2:2020**

*Reciprocating internal combustion engines -- Measurement of sound power level using sound pressure -- Part 2: Survey method*

Språk: en

Erstatter A00008:20:020801

**ISO 22908:2020**

*Water quality -- Radium 226 and Radium 228 -- Test method using liquid scintillation counting*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TR 19664:2018**

*Human response to vibration - Guidance and terminology for instrumentation and equipment for the assessment of daily vibration exposure at the workplace according to the requirements of health and safety (ISO/TR 19664:2017)*

Språk: en

**Fastsatte norske standarder**

**NS-EN ISO 22125-1:2019**

Vannundersøkelse - Technetium-99 - Del 1: Prøvningsmetode med væskescintillasjon (ISO 22125-1:2019)

*Water quality - Technetium-99 - Part 1: Test method using liquid scintillation counting (ISO 22125-1:2019)*

Språk: en

**NS-EN ISO 22125-2:2019**

Vannundersøkelse - Technetium-99 - Del 2: Prøvningsmetode med induktivt koblet plasmamassespektrometri (ICP-MS) (ISO 22125-2:2019)

*Water quality - Technetium-99 - Part 2: Test method using inductively coupled plasma mass spectrometry (ICP-MS) (ISO 22125-2:2019)*

Språk: en

## 19 Prøving

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 3452-1**

*Non-destructive testing -- Penetrant testing -- Part 1: General principles*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 3452-2**

*Non-destructive testing -- Penetrant testing -- Part 2: Testing of penetrant materials*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 13322-2**

*Particle size analysis -- Image analysis methods -- Part 2: Dynamic image analysis methods*

Språk: en

Kommentarfrist: 25.05.2020

**Rapporter fra CEN (CR)****CEN ISO/TS 25107:2019**

*Non-destructive testing - NDT training syllabuses (ISO/TS 25107:2019)*

Språk: en

**CEN ISO/TS 25108:2018**

*Non-destructive testing - NDT personnel training organizations (ISO/TS 25108:2018)*

Språk: en

**CEN/TS 16637-1:2018**

Byggevarer - Vurdering av frigjøring av farlige stoffer - Del 1: Veiledning i bestemmelse av utlekkingsprøvinger og trinn for tilleggsprøvinger

*Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps*

Språk: en

**21 Mekaniske systemer og komponenter til allmenn bruk****Standardforslag til høring - europeiske (CEN)****EN ISO 898-3:2018/prA1**

Mekaniske egenskaper for festemidler av karbonstål og legerete stål - Del 3: Flate underlagsskiver med spesifiserte egenskapsklasser - Endringsblad 1 (ISO 898-3:2018/DAM 1:2020)

*Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes - Amendment 1 (ISO 898-3:2018/DAM 1:2020)*

Språk: en

Kommentarfrist: 27.04.2020

**EN ISO 1891-2:2014/prA1**

Festemidler - Terminologi - Del 2: Termer og definisjoner for belegg - Endringsblad 1 (ISO 1891-2:2014/DAM 1:2020)

*Fasteners - Terminology - Part 2: Vocabulary and definitions for coatings - Amendment 1 (ISO 1891-2:2014/DAM 1:2020)*

Språk: en

Kommentarfrist: 08.05.2020

**ISO-standarder****ISO 68-1:1998/Amd 1:2020**

Språk: en

**ISO 68-2:1998/Amd 1:2020**

*The dimensions of basic profile*

Språk: en

**ISO 1501:2009/Amd 1:2020**

*The figure for the tolerance zone of external thread*

Språk: en

### **ISO 2904:2020**

*ISO metric trapezoidal screw threads -- Basic dimensions*

Språk: en

Erstatter A00008:20:007940

### **ISO 6281:2020**

*Plain bearings -- Testing under conditions of hydrodynamic and mixed lubrication in test rigs*

Språk: en

Erstatter A00008:20:036808

### **ISO 12130-2:2020**

*Plain bearings -- Hydrodynamic plain tilting pad thrust bearings under steady-state conditions -- Part 2: Functions for calculation of tilting pad thrust bearings*

Språk: en

Erstatter A00008:20:063680

### **ISO 12130-3:2020**

*Plain bearings -- Hydrodynamic plain tilting pad thrust bearings under steady-state conditions -- Part 3: Guide values for the calculation of tilting pad thrust bearings*

Språk: en

Erstatter A00008:20:026866

### **ISO 21143:2020**

*Technical product documentation -- Requirements for digital mock-up virtual assembly test for mechanical products*

Språk: en

### **Rapporter fra CEN (CR)**

#### **CEN/TR 17079:2018**

*Design of fastenings for use in concrete - Redundant non-structural systems*

Språk: en

#### **CEN/TR 17080:2018**

*Design of fastenings for use in concrete - Anchor channels - Supplementary rules*

Språk: en

#### **CEN/TR 17081:2018**

*Design of fastenings for use in concrete - Plastic design of fastenings with headed and post-installed fasteners*

Språk: en

### **Tilbaketrukne norske standarder**

#### **NS-EN ISO 10485:2004**

*Cone proof load test on nuts (ISO 10485:1991)*

Språk: en

Ingen erstatning

## 23 Hydrauliske systemer og komponenter til allmenn bruk

### **Standardforslag til høring - europeiske (CEN)**

#### **EN 13175:2019/prA1:2020**

LPG-utstyr og tilbehør - Spesifikasjon og prøving av tankventiler og utstyrsdeler for flytende petroleumsgass (LPG)

*LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings*

Språk: en

Kommentarfrist: 30.04.2020

### **EN ISO 13088:2011/prA1**

Gassflasker - Samling av acetylenflasker - Påfyllingsbetingelser og påfyllingsinspeksjon - Endringsblad 1 (ISO 13088:2011/DAM 1: 2020)

*Gas cylinders - Acetylene cylinder bundles - Filling conditions and filling inspection - Amendment 1 (ISO 13088:2011/DAM 1: 2020)*

Språk: en

Kommentarfrist: 05.05.2020

### **EN ISO 15494:2018/prA1**

Rørledning av plast til industriell bruk - Polybuten (PB), polyetylen (PE), polyetylen med økt temperatormotstand (PE-RT), kryssbundet polyetylen (PE-X) og polypropylen (PP) - Metrisk serie for krav til komponenter og systemet - Endringsblad 1 (ISO 15494:2015/DAM 1:2020)

*Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system - Amendment 1 (ISO 15494:2015/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.04.2020

### **EN ISO 15875-2:2003/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 2: Rør - Endringsblad 2 (ISO 15875-2:2003/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes - Amendment 2 (ISO 15875-2:2003/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15875-3:2003/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 3: Rørdeler - Endringsblad 1 (ISO 15875-3:2003/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 1 (ISO 15875-3:2003/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15875-5:2003/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 15875-5:2003/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15875-5:2003/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15876-2:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 2: Rør - Endringsblad 1 (ISO 15876-2:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 2: Pipes - Amendment 1 (ISO 15876-2:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15876-3:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 3: Rørdeler - Endringsblad 1 (ISO 15876-3:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 1 (ISO 15876-3:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020



### **EN ISO 15876-5:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 15876-5:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15876-5:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15877-2:2009/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Klorert polyvinylklorid (PVC-C) - Del 2: Rør - Endringsblad 2 (ISO 15877-2:2009/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes - Amendment 2 (ISO 15877-2:2009/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 15877-5:2009/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Klorert polyvinylklorid (PVC-C) - Del 5: Systemets egnethet for formålet - Endringsblad 2 (ISO 15877-5:2009/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 5: Fitness for purpose of the system - Amendment 2 (ISO 15877-5:2009/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 16148:2016/prA1**

Gassflasker - Etterfyllebare sømløse gassflasker og -rør av stål - Akustisk emisjonsprøving og oppfølgende ultralydundersøkelse for periodisk inspeksjon og prøving - Endringsblad 1 (ISO 16148:2016/DAM 1:2020)

*Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing - Amendment 1 (ISO 16148:2016/DAM 1:2020)*

Språk: en

Kommentarfrist: 26.03.2020

### **EN ISO 22391-2:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 2: Rør - Endringsblad 1 (ISO 22391-2:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes - Amendment 1 (ISO 22391-2:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 22391-3:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 3: Rørdeler - Endringsblad 1 (ISO 22391-3:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 1 (ISO 22391-3:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **EN ISO 22391-5:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 22391-5:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 22391-5:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### **prEN 12067-2**

Regulatorer for gass/luft-forholdet for gassbrennere og gassforbrukende apparater - Del 2: Elektroniske typer

*Gas/air ratio controls for gas burners and gas burning appliances - Part 2: Electronic types*

Språk: en

Kommentarfrist: 30.04.2020

### **prEN 12952-10**

*Water-tube boilers and auxiliary installations - Part 10: Requirements for safety devices against excessive pressure*

Språk: en

Kommentarfrist: 07.05.2020

### **prEN 14917**

*Metallbelg-ekspansjonsskjøter for trykkpåkjent utstyr*

*Metal bellows expansion joints for pressure applications*

Språk: en

Kommentarfrist: 30.04.2020

### **prEN 17476**

*Specifications for dedicated liquefied petroleum gas appliances - LPG vapour pressure appliances incorporating an horizontal cartridge in the chassis*

Språk: en

Kommentarfrist: 09.04.2020

### **prEN ISO 3861**

*Gummislanger til sand- og partikkelblåsing - Krav*

*Rubber hoses and hose assemblies for sand and grit blasting - Specification*

Språk: en

Kommentarfrist: 03.04.2020

### **prEN ISO 3949**

*Gummi- og plastslanger og slangeforbindelser - Tekstilforsterkede typer for hydraulisk bruk - Spesifikasjon (ISO/DIS 3949:2020)*

*Plastics hoses and hose assemblies - Textile-reinforced types for hydraulic applications - Specification (ISO/DIS 3949:2020)*

Språk: en

Kommentarfrist: 03.04.2020

### **prEN ISO 7233**

*Gummi- og plastslanger og slangeforbindelser - Bestemmelse av bestandighet mot undertrykk (ISO/DIS 7233:2020)*

*Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO/DIS 7233:2020)*

Språk: en

Kommentarfrist: 10.04.2020

### **prEN ISO 8031**

*Gummi- og plastslanger og slangeforbindelser - Bestemmelse av elektrisk motstand og ledningsevne (ISO/FDIS 8031:2020)*

*Rubber and plastics hoses and hose assemblies - Determination of electrical resistance and conductivity (ISO/FDIS 8031:2020)*

Språk: en

Kommentarfrist: 04.05.2020

### **prEN ISO 10619-2**

*Slanger og rør av gummi og plast - Måling av fleksibilitet og stivhet - Del 2: Bøyeprøvinger ved temperaturer under omgivelsestemperatur (ISO/DIS 10619-2:2020)*

*Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 2: Bending tests at sub-ambient temperatures (ISO/DIS 10619-2:2020)*

Språk: en

Kommentarfrist: 03.04.2020

### **prEN ISO 15494:2018**

*Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system - Amendment 1 (ISO 15494:2015/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 5151:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO 13088:2011/DAmD 1**

Språk: en

Kommentarfrist: 05.05.2020

**ISO 13253:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO 15042:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO 15494:2015/DAmD 1**

Språk: en

Kommentarfrist: 06.04.2020

**ISO 15875-2:2003/DAmD 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15875-3:2003/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15875-5:2003/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-2:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-3:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-5:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15877-2:2009/DAmD 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15877-5:2009/DAmD 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 16148:2016/DAmD 1**

Språk: en

Kommentarfrist: 26.03.2020

**ISO 22391-2:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-3:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-5:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 3861**

*Rubber hoses for sand and grit blasting -- Specification*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 3949**

Plastics hoses and hose assemblies - Thermoplastics textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 3949:1991)]

*Plastics hoses and hose assemblies - Thermoplastics textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 3949:1991)]*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 5752**

*Metal valves for use in flanged pipe systems -- Face-to-face and centre-to-face dimensions*

Språk: en

Kommentarfrist: 02.06.2020

**ISO/DIS 6002**

*Industrial valves - Bolted bonnet steel gate valves*

Språk: en

Kommentarfrist: 15.04.2020

**ISO/DIS 7233**

Gummi- og plastslinger og slangeforbindelser - Bestemmelse av sugemotstand

*Rubber and plastics hoses and hose assemblies -- Determination of suction resistance*

Språk: en

Kommentarfrist: 10.04.2020

**ISO/DIS 10631**

*Industrial valves - Metallic butterfly valves*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 13266**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13266**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 10.08.2020

### **ISO/DIS 13267**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test method for buckling resistance*

Språk: en

Kommentarfrist: 05.06.2020

### **ISO/DIS 13267**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test methods for buckling resistance*

Språk: en

Kommentarfrist: 10.08.2020

### **ISO/DIS 13268**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 05.06.2020

### **ISO/DIS 13268**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 10.08.2020

### **ISO/DIS 17871**

*Gas cylinders -- Quick-release cylinder valves -- Specification and type testing*

Språk: en

Kommentarfrist: 19.04.2020

### **ISO/DIS 23632**

*Industrial valves -- Design validation-testing of valves*

Språk: en

Kommentarfrist: 02.06.2020

### **ISO-standarder**

#### **ISO 2861:2020**

*Vacuum technology -- Dimensions of clamped-type quick-release couplings*

Språk: en

Erstatter A00008:20:058069

#### **ISO 3529-2:2020**

*Vacuum technology -- Vocabulary -- Part 2: Vacuum pumps and related terms*

Språk: en

Erstatter A00008:20:008913

#### **ISO 3669:2020**

*Vacuum technology -- Dimensions of knife-edge flanges*

Språk: en

Erstatter A00008:20:065135

#### **ISO 3862:2020**

*Rubber hoses and hose assemblies -- Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids -- Specification*

Språk: en

Erstatter A00008:20:070383

### **ISO/TR 22164:2020**

*Hydraulic fluid power -- Application notes for the optimization of the energy efficiency of hydraulic systems*

Språk: en

### **ISO/TS 23818-1:2020**

*Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines -- Part 1: Polyethylene (PE) material*

Språk: en

### **Rapporter fra CEN (CR)**

#### **CEN ISO/TS 15874-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polypropylen (PP) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15874-7:2018)

*Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity (ISO/TS 15874-7:2018)*

Språk: en

#### **CEN ISO/TS 15875-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15875-7:2018)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/TS 15875-7:2018)*

Språk: en

#### **CEN ISO/TS 15876-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15876-7:2018)

*Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity (ISO/TS 15876-7:2018)*

Språk: en

#### **CEN ISO/TS 15877-7:2018**

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7:2018)*

Språk: en

#### **CEN ISO/TS 21003-7:2019**

*Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity (ISO/TS 21003-7:2019)*

Språk: en

#### **CEN ISO/TS 22391-7:2018**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturlmotstand (PE-RT) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 22391-7:2018)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 7: Guidance for the assessment of conformity (ISO/TS 22391-7:2018)*

Språk: en

#### **CEN/TR 1591-2:2020**

*Flanges and their joints - Design rules for gasketed circular flange connections - Part 2: Gasket parameters*

Språk: en

#### **CEN/TS 1329-2:2018**

*Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity*

Språk: en

### **CEN/TS 1401-2:2020**

Rørledninger av plast for trykløse grunnavløpssystemer - Polyvinylklorid uten mykner (PVC-U) - Del 2: Veiledning for samsvarsvurdering

*Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity*

Språk: en

### **CEN/TS 1451-2:2019**

Rørledninger av plast for bortledning av avløpsvann (lav og høy temperatur) i bygninger - Polypropylen (PP) - Del 2: Veiledning for samsvarsvurdering

*Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity*

Språk: en

### **CEN/TS 1852-2:2019**

Rørledninger av plast for trykløse grunnavløpssystemer - Polypropylen (PP) - Del 2: Veiledning for samsvarsvurdering

*Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity*

Språk: en

### **CEN/TS 13445-501:2018**

*Unfired pressure vessels - Part 501: Acoustic emission for pressure vessels*

Språk: en

### **CEN/TS 13476-4:2019**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 4: Veiledning for samsvarsvurdering

*Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 4: Assessment of conformity*

Språk: en

### **CEN/TS 16769:2019**

*LPG equipment and accessories - Terminology*

Språk: en

### **CEN/TS 17176-3:2019**

*Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 3: Fittings*

Språk: en

## **Fastsatte norske standarder**

### **NS-EN 1971-1:2019**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 1: Prøving med en omsluttende prøvespole på den ytre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 1: Test with an encircling test coil on the outer surface*

Språk: en

### **NS-EN 1971-2:2019**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 2: Prøving med en innvendig prøveprobe på den indre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface*

Språk: en

### NS-EN 14901-1:2014+A1:2019

Rør, rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder for organiske belegg for rørdeler og tilbehør av duktilt støpejern - Del 1: Epoksybelegg (for stor belastning)

*Ductile iron pipes, fittings and accessories - Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 1: Epoxy coating (heavy duty)*

Språk: en

### NS-EN 14901-2:2019

Rør, rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder for organiske belegg for rørdeler og tilbehør av duktilt støpejern - Del 2: Termoplastisk syremodifisert polyolefinbelegg (TMPO)

*Ductile iron pipes, fittings and accessories - Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 2: Thermoplastic acid modified polyolefin coating (TMPO)*

Språk: en

### NS-EN ISO 12759-4:2019

Vifter - Klassifisering av vifter med hensyn til energieffektivitet - Del 4: Motordrevne vifter ved høyeste turtall (ISO 12759-4:2019)

*Fans - Efficiency classification for fans - Part 4: Driven fans at maximum operating speed (ISO 12759-4:2019)*

Språk: en

### Tilbaketrukne norske standarder

#### NS-EN 1971-1:2011

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 1: Prøving med en omsluttende prøvespole på den ytre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 1: Test with an encircling test coil on the outer surface*

Språk: en

Ingen erstatning

#### NS-EN 1971-2:2011

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 2: Prøving med en innvendig prøveprobe på den indre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface*

Språk: en

Ingen erstatning

#### NS-EN 14901:2014

Rør, rørdeler og tilbehør av duktilt støpejern - Epoksybelegg (for stor belastning) av rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder

*Ductile iron pipes, fittings and accessories - Epoxy coating (heavy duty) of ductile iron fittings and accessories - Requirements and test methods*

Språk: en

Ingen erstatning

#### NS-EN ISO 12759:2015

Vifter - Klassifisering av vifter med hensyn til energieffektivitet (ISO 12759:2010, innbefattet Amd 1:2013)

*Fans - Efficiency classification for fans (ISO 12759:2010, including Amd 1:2013)*

Språk: en

Ingen erstatning

## 25 Produksjonsteknikk

### Standardforslag til høring - europeiske (CEN)

#### prEN 746-1

*Industrial thermoprocessing equipment - Part 1: Common safety requirements for industrial thermoprocessing equipment*

Språk: en

Kommentarfrist: 02.04.2020



**prEN 746-2**

*Industrial thermoprocessing equipment - Part 2: Safety requirements for combustion and fuel handling systems*

Språk: en

Kommentarfrist: 14.05.2020

**prEN 746-3**

*Industrial thermoprocessing equipment - Part 3: Safety requirements for the generation and use of atmosphere gases*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 746-11**

*Industrial thermoprocessing equipment - Part 11: Safety requirements for protective systems*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 13603 rev**

*Kobber og kobberlegeringer - Prøvningsmetoder for bedømmelse av beskyttende tinnbelegg på trukkede runde kobbertråder for elektriske formål*

*Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes*

Språk: en

Kommentarfrist: 23.04.2020

**prEN 16296**

*Imperfections in thermoplastics welded joints - Quality levels*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 1460**

*Metallic coatings - Hot dip galvanized coatings on ferrous materials - Gravimetric determination of the mass per unit area (ISO/DIS 1460:2020)*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 3861**

*Gummislanger til sand- og partikkelblåsing - Krav*

*Rubber hoses and hose assemblies for sand and grit blasting - Specification*

Språk: en

Kommentarfrist: 03.04.2020

**prEN ISO 10218-1**

*Robotics - Safety requirements for robot systems in an industrial environment - Part 1: Robots (ISO/DIS 10218-1:2020)*

Språk: en

Kommentarfrist: 30.04.2020

**prEN ISO 15615**

*Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO/DIS 15615:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**prEN ISO 17279-3**

*Welding - Micro joining of 2nd generation high temperature superconductors - Part 3: Test methods for joints (ISO/DIS 17279-3:2020)*

Språk: en

Kommentarfrist: 21.05.2020

**prEN ISO 18595**

Motstandssveising - Punktssveising av aluminium og aluminiumlegeringer - Sveisbarhet, sveising og prøving (ISO/DIS 18595:2020)  
*Resistance welding - Spot welding of aluminium and aluminium alloys - Weldability, welding and testing (ISO/DIS 18595:2020)*

Språk: en

Kommentarfrist: 20.04.2020

**prEN ISO/ASTM 52904**

*Additive manufacturing - Process characteristics and performance - Practice for metal powder bed fusion process to meet critical applications (ISO/ASTM 52904:2019)*

Språk: en

Kommentarfrist: 02.04.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 525**

*Bonded abrasive products - General requirements*

Språk: en

Kommentarfrist: 27.05.2020

**ISO/DIS 525**

*Bonded abrasive products -- Shape types, designation and marking*

Språk: en

Kommentarfrist: 01.08.2020

**ISO/DIS 8373**

*Manipulating industrial robots - Vocabulary (Revision of ISO/TR 8373:1988)*

Språk: en

Kommentarfrist: 27.05.2020

**ISO/DIS 8373**

*Robotics -- Vocabulary*

Språk: en

Kommentarfrist: 01.08.2020

**ISO/DIS 10218-1**

*Roboter - Sikkerhetskrav - Del 1: Industrielle roboter*

*Robots and robotic devices -- Safety requirements -- Part 1: Industrial robots*

Språk: en

Kommentarfrist: 20.04.2020

**ISO/DIS 10218-1**

*Robotics -- Safety requirements for robot systems in an industrial environment -- Part 1: Robots*

Språk: en

Kommentarfrist: 25.06.2020

**ISO/DIS 10303-1**

*Industrial automation systems and integration -- Product data representation and exchange -- Part 1: Overview and fundamental principles*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 10303-1**

*Industrial automation systems - Product data representation and exchange - Part 1: Overview and fundamental principles*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 11593**

*Robots for industrial environments -- Automatic end effector exchange systems -- Vocabulary and presentation of characteristics*

Språk: en

Kommentarfrist: 08.05.2020

**ISO/DIS 14571**

*Metallic coatings on nonmetallic basis materials -- Measurement of coating thickness -- Microresistivity method*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 17279-3**

*Welding -- Micro joining of 2nd generation high temperature superconductors -- Part 3: Test methods for joints*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 18595**

*Resistance welding -- Spot welding of aluminium and aluminium alloys -- Weldability, welding and testing*

Språk: en

Kommentarfrist: 20.04.2020

**ISO/DIS 18646-3**

*Robotics -- Performance criteria and related test methods for service robots -- Part 3: Manipulation*

Språk: en

Kommentarfrist: 10.04.2020

**ISO/DIS 18646-4**

*Robotics -- Performance criteria and related test methods for service robots -- Part 4: Lower-back support robots*

Språk: en

Kommentarfrist: 17.04.2020

**ISO-standarder****ISO 3875:2020**

*Machine tools -- Test conditions for external cylindrical centreless grinding machines -- Testing of the accuracy*

Språk: en

Erstatter A00008:20:030668

**ISO 10791-7:2020**

*Test conditions for machining centres -- Part 7: Accuracy of finished test pieces*

Språk: en

Erstatter A00008:20:054730

**ISO 14649-17:2020**

*Industrial automation systems and integration -- Physical device control -- Data model for computerized numerical controllers -- Part 17: Process data for additive manufacturing*

Språk: en

**ISO 15746-3:2020**

*Automation systems and integration -- Integration of advanced process control and optimization capabilities for manufacturing systems -- Part 3: Verification and validation*

Språk: en

**ISO 17927-1:2020**

*Welding for aerospace applications -- Fusion welding of metallic components -- Part 1: Process specification*

Språk: en

**ISO 17927-2:2020**

*Welding for aerospace applications -- Fusion welding of metallic components -- Part 2: Acceptance criteria*

Språk: en

**ISO 19744:2020**

*Test conditions for numerically controlled broaching machines -- Testing of accuracy -- Vertical surface type broaching machines*

Språk: en

**ISO 21904-1:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 1: General requirements*

Språk: en

Erstatter A00008:20:057900

**ISO 21904-2:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 2: Requirements for testing and marking of separation efficiency*

Språk: en

Erstatter A00008:20:053013

**ISO 21904-4:2020**

*Health and safety in welding and allied processes -- Equipment for capture and separation of welding fume -- Part 4: Determination of the minimum air volume flow rate of capture devices*

Språk: en

Erstatter A00008:20:042810

**ISO 24497-1:2020**

*Non-destructive testing -- Metal magnetic memory -- Part 1: Vocabulary and general requirements*

Språk: en

Erstatter A00008:20:042265,A00008:20:042264

**ISO 24497-2:2020**

*Non-destructive testing -- Metal magnetic memory -- Part 2: Inspection of welded joints*

Språk: en

Erstatter A00008:20:042266

**ISO/TR 17243-3:2020**

*Machine tool spindles -- Evaluation of machine tool spindle vibrations by measurements on spindle housing -- Part 3: Gear-driven spindles with rolling bearings operating at speeds between 600 r/min and 12 000 r/min*

Språk: en

**ISO/TR 23482-1:2020**

*Robotics -- Application of ISO 13482 -- Part 1: Safety-related test methods*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TR 16060:2014**

*Destructive tests on welds in metallic materials - Etchants for macroscopic and microscopic examination (ISO/TR 16060:2003)*

Språk: en

**CEN ISO/TR 20173:2018**

*Sveising - System for gruppering av materialer - Amerikanske materialer (ISO/DTR 20173:2018)*

*Welding - Grouping systems for materials - American materials (ISO 20173:2018)*

Språk: en

**Fastsatte norske standarder****NS-EN 14901-1:2014+A1:2019**

Rør, rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder for organiske belegg for rørdeler og tilbehør av duktilt støpejern - Del 1: Epoksybelegg (for stor belastning)

*Ductile iron pipes, fittings and accessories - Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 1: Epoxy coating (heavy duty)*

Språk: en

**NS-EN 14901-2:2019**

Rør, rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder for organiske belegg for rørdeler og tilbehør av duktilt støpejern - Del 2: Termoplastisk syremodifisert polyolefinbelegg (TMPO)

*Ductile iron pipes, fittings and accessories - Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 2: Thermoplastic acid modified polyolefin coating (TMPO)*

Språk: en

**NS-EN ISO 8504-1:2019**

Forbehandling av ståloverflater før påføring av maling og lignende produkter - Overflatebehandlingsmetoder - Del 1: Generelle prinsipper (ISO 8504-1:2019)

*Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 1: General principles (ISO 8504-1:2019)*

Språk: en

**NS-EN ISO 8504-2:2019**

Forbehandling av ståloverflater før påføring av maling og lignende produkter - Overflatebehandlingsmetoder - Del 2: Blåserensing (ISO 8504-2:2019)

*Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 2: Abrasive blast-cleaning (ISO 8504-2:2019)*

Språk: en

**NS-EN ISO 9090:2019**

Gasstetthet for utstyr til gassveising og lignende metoder (ISO 9090:2019)

*Gas tightness of equipment for gas welding and allied processes (ISO 9090:2019)*

Språk: en

**NS-EN ISO 13919-1:2019**

Elektron- og laserstrålesveiste forbindelser - Veiledning om kvalitetsnivåer for sveisefeil - Del 1: Stål, nikkel, titanium og deres legeringer (ISO 13919-1:2019)

*Electron and laser-beam welded joints - Requirements and recommendations on quality levels for imperfections - Part 1: Steel, nickel, titanium and their alloys (ISO 13919-1:2019)*

Språk: en

**NS-EN ISO 15614-7:2019**

Spesifisering og godkjenning av sveiseprosedyrer for metalliske materialer - Sveiseprosedyreprøving - Del 7: Påleggsveising (ISO 15614-7:2016)

*Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding (ISO 15614-7:2016)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 14901:2014**

Rør, rørdeler og tilbehør av duktilt støpejern - Epoksybelegg (for stor belastning) av rørdeler og tilbehør av duktilt støpejern - Krav og prøvingsmetoder

*Ductile iron pipes, fittings and accessories - Epoxy coating (heavy duty) of ductile iron fittings and accessories - Requirements and test methods*

Språk: en

Ingen erstatning

**NS-EN ISO 8504-1:2001**

Forbehandling av ståloverflater før påføring av maling og lignende produkter - Overflatebehandlingsmetoder - Del 1: Generelle prinsipper (ISO 8504-1:2000)

*Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 1: General principles (ISO 8504-1:2000)*

Språk: en

Ingen erstatning

**NS-EN ISO 8504-2:2001**

Forbehandling av ståloverflater før påføring av maling og lignende produkter - Overflatebehandlingsmetoder - Del 2: Blåserensing (ISO 8504-2:2000)

*Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 2: Abrasive blast-cleaning (ISO 8504-2:2000)*

Språk: en

Ingen erstatning

**NS-EN ISO 13919-1:1996**

Sveising - Elektron- og laserstrålesveiste forbindelser - Retningslinjer for kvalitetsgrupper for uregelmessigheter - Del 1: Stål (ISO 13919-1:1996)

*Welding - Electron and laser-beam welded joints - Guidance on quality levels for imperfections - Part 1: Steel (ISO 13919-1:1996)*

Språk: en

Ingen erstatning

**NS-EN ISO 15614-7:2016**

Spesifisering og godkjenning av sveiseprosedyrer for metalliske materialer - Sveiseprosedyreprøving - Del 7: Påleggsveising (ISO 15614-7:2016)

*Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding (ISO 15614-7:2016)*

Språk: en

Ingen erstatning

**NS-ISO 9090:1989**

Gasstetthet for utstyr til gassveising og lignende metoder - (= EN 29090:1992) (ISO 9090:1989)

*Gas tightness of equipment for gas welding and allied processes - (= EN 29090:1992) (ISO 9090:1989)*

Språk: en

Ingen erstatning

## 27 Energi- og varmeoverføringsteknikk

**Standardforslag til høring - europeiske (CEN)****prEN 12067-2**

Regulatorer for gass/luft-forholdet for gassbrennere og gassforbrukende apparater - Del 2: Elektroniske typer

*Gas/air ratio controls for gas burners and gas burning appliances - Part 2: Electronic types*

Språk: en

Kommentarfrist: 30.04.2020

**prEN 12952-2**

Water-tube boilers and auxiliary installations - Part 2: Materials for pressure parts of boilers and accessories

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-5**

Water-tube boilers and auxiliary installations - Part 5: Workmanship and construction of pressure parts of the boiler

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-6**

*Water-tube boilers and auxiliary installations - Part 6: Inspection during construction; documentation and marking of pressure parts of the boiler*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-8**

*Water-tube boilers and auxiliary installations - Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-9**

*Water-tube boilers and auxiliary installations - Part 9: Requirements for firing systems for pulverized solid fuels for the boiler*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-10**

*Water-tube boilers and auxiliary installations - Part 10: Requirements for safety devices against excessive pressure*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 12952-16**

*Water-tube boilers and auxiliary installations - Part 16: Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 16247-1**

Energirevisjoner - Del 1: Generelle krav

*Energy audits - Part 1: General requirements*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 16247-2**

Energirevisjoner - Del 2: Bygninger

*Energy audits - Part 2: Buildings*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 16247-3**

Energirevisjoner - Del 3: Prosesser

*Energy audits - Part 3: Processes*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 16247-4**

Energirevisjoner - Del 4: Transport

*Energy audits - Part 4: Transport*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 17127**

*Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols*

Språk: en

Kommentarfrist: 30.04.2020

**prEN 17463**

*Methodology for the Valuation of Energy Related Investments (ValERI)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 11102-1**

Stempelforbrenningsmotorer - Håndsveiv - Del 1: Sikkerhetskrav og prøving (ISO/DIS 11102-1:2020)

*Reciprocating internal combustion engines - Handle starting equipment - Part 1: Safety requirements and tests (ISO/DIS 11102-1:2020)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 17225-1**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 1: Generelle krav (ISO/DIS 17225-1:2020)

*Solid biofuels - Fuel specifications and classes - Part 1: General requirements (ISO/DIS 17225-1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO 17225-4**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 4: Klasser av treflis (ISO/DIS 17225-4:2020)

*Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO/DIS 17225-4:2020)*

Språk: en

Kommentarfrist: 21.04.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 5151:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO 13253:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO 15042:2017/DAmD 1**

Språk: en

Kommentarfrist: 27.05.2020

**ISO/DIS 8528-3**

*Reciprocating internal combustion engine driven alternating current generating sets -- Part 3: Alternating current generators for generating sets*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 11102-1**

*Reciprocating internal combustion engines - Handle starting equipment - Part 1: Safety requirements and tests*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 13256-1**

*Water-source heat pumps -- Testing and rating for performance -- Part 1: Water-to-air and brine-to-air heat pumps*

Språk: en

Kommentarfrist: 04.07.2020

**ISO/DIS 13256-2**

*Water-source heat pumps -- Testing and rating for performance -- Part 2: Water-to-water and brine-to-water heat pumps*

Språk: en

Kommentarfrist: 04.07.2020



**ISO/DIS 13256-1**

*Water-source heat pumps - Testing and rating for performance - Part 1: Water-to-air and brine-to-air heat pumps*

Språk: en

Kommentarfrist: 29.04.2020

**ISO/DIS 13256-2**

*Water-source heat pumps - Testing and rating for performance - Part 2: Water-to-water and brine-to-water heat pumps*

Språk: en

Kommentarfrist: 29.04.2020

**ISO/DIS 17225-1**

*Solid biofuels -- Fuel specifications and classes -- Part 1: General requirements*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 17225-2**

*Solid biofuels -- Fuel specifications and classes -- Part 2: Graded wood pellets*

Språk: en

Kommentarfrist: 30.04.2020

**ISO/DIS 17225-3**

*Solid biofuels -- Fuel specifications and classes -- Part 3: Graded wood briquettes*

Språk: en

Kommentarfrist: 30.04.2020

**ISO/DIS 17225-4**

*Solid biofuels -- Fuel specifications and classes -- Part 4: Graded wood chips*

Språk: en

Kommentarfrist: 21.04.2020

**ISO/DIS 20041-1**

*Tritium and carbon-14 activity in gaseous effluents and gas discharges of nuclear installations -- Part 1: Sampling of tritium and carbon-14*

Språk: en

Kommentarfrist: 22.04.2020

**ISO/DIS 23551-1**

*Safety and control devices for gas burners and gas-burning appliances -- Particular requirements -- Part 1: Automatic valves*

Språk: en

Kommentarfrist: 22.04.2020

**ISO/DIS 23590**

*Household biogas system requirements: design, installation, operation, maintenance and safety*

Språk: en

Kommentarfrist: 30.03.2020

**ISO/DIS 50003**

*Energy management systems -- Requirements for bodies providing audit and certification of energy management systems*

Språk: en

Kommentarfrist: 30.03.2020

**ISO-standarder**

**ISO 3046-6:2020**

*Reciprocating internal combustion engines -- Performance -- Part 6: Overspeed protection*

Språk: en

Erstatter A00008:20:008150

**ISO 4548-5:2020**

*Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 5: Test for hydraulic pulse durability*

Språk: en

Erstatter A00008:20:045759

**ISO 6798-1:2020**

*Reciprocating internal combustion engines -- Measurement of sound power level using sound pressure -- Part 1: Engineering method*

Språk: en

Erstatter A00008:20:020801

**ISO 6798-2:2020**

*Reciprocating internal combustion engines -- Measurement of sound power level using sound pressure -- Part 2: Survey method*

Språk: en

Erstatter A00008:20:020801

**ISO/TS 23406:2020**

*Nuclear sector -- Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)*

Språk: en

**Rapporter fra CEN (CR)**

**CEN/TR 16999:2019**

*Solar energy systems for roofs - Requirements for structural connections to solar panels*

Språk: en

**CEN/TR 17238:2018**

Foreslåtte grenseverdier for forurensende stoffer i biometan basert på helsevurderingskriterier

*Proposed limit values for contaminants in biomethane based on health assessment criteria*

Språk: en

**Fastsatte norske standarder**

**NS-EN 16214-1:2012+A1:2019**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*

Språk: en

**NS-EN 16214-4:2013+A1:2019**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 4: Beregningsmetoder for utslippsbalanse av klimagasser ved bruk av livssyklusanalyse

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach*

Språk: en

**NS-EN 50465:2015/A1:2019**

Endring A1 - Gassapparater - Apparater som produserer varmt vann og elektrisitet med nominell varmetilførsel mindre enn eller lik 70 kW

*Amendment A1 - Gas appliances - Combined heat and power appliance of nominal heat input inferior or equal to 70 kW*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 16214-1:2012**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*

Språk: en

Ingen erstatning

**NS-EN 16214-4:2013**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 4: Beregningsmetoder for utslippsbalanse av klimagasser ved bruk av livssyklusanalyse

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach*

Språk: en

Ingen erstatning

## 29 Elektroteknikk

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 8528-3**

*Reciprocating internal combustion engine driven alternating current generating sets -- Part 3: Alternating current generators for generating sets*

Språk: en

Kommentarfrist: 03.04.2020

## 31 Elektronikk

**Fastsatte norske standarder**

**NS-EN ISO 11551:2019**

Optikk og fotonikk - Lasere og laserrelatert utstyr - Prøvningsmetoder for absorbens ved optiske laserkomponenter (ISO 11551:2019)

*Optics and photonics - Lasers and laser-related equipment - Test method for absorptance of optical laser components (ISO 11551:2019)*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN ISO 11551:2003**

Optikk og optiske instrumenter - Lasere og laserrelatert utstyr - Prøvningsmetoder for absorbens ved optiske laserkomponenter (ISO 11551:2003)

*Optics and optical instruments - Lasers and laser-related equipment - Test method for absorptance of optical laser components (ISO 11551:2003)*

Språk: en

Ingen erstatning

## 33 Telekommunikasjon. Lyd- og videoteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO/IEC 27010**

Informasjonsteknologi - Sikringsteknikker - Ledelsessystem for informasjonssikkerhet for intersektor- og interorganisasjonskommunikasjon (ISO/IEC 27010:2015)

*Information technology - Security techniques - Information security management for inter-sector and inter-organizational communications (ISO/IEC 27010:2015)*

Språk: en

Kommentarfrist: 26.03.2020

### Rapporter fra CEN (CR)

#### **CEN/TR 17167:2018**

*Communication system for meters - Accompanying TR to EN 13757-2,-3 and -7, Examples and supplementary information*

Språk: en

#### **CEN/TR 17447:2020**

*Space - Use of GNSS-based positioning for road Intelligent Transport System (ITS) - Mathematical PVT error model*

Språk: en

#### **CEN/TR 17448:2020**

*Space - Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) - Metrics and Performance levels detailed definition*

Språk: en

## 35 Informasjonsteknologi. Kontormaskiner

### Standardforslag til høring - europeiske (CEN)

#### **prEN 17473**

*Building information modelling (BIM) - Data templates for construction objects used in the life cycle of any built asset - Data templates based on harmonised technical specifications under the Construction Products Regulation (CPR)*

Språk: en

Kommentarfrist: 09.04.2020

#### **prEN 17478**

*Transport Services - Customer communications for passenger transport services - A Universal Design approach*

Språk: en

Kommentarfrist: 09.04.2020

#### **prEN ISO 11073-10101**

Helseinformatikk - Kommunikasjonsstandarder for pasienttilknyttet medisinsk utstyr - Del 10101: Nomenklatur (ISO/IEEE FDIS 11073-10101:2020)

*Health informatics - Point-of-care medical device communication - Part 10101: Nomenclature (ISO/IEEE FDIS 11073-10101:2020)*

Språk: en

Kommentarfrist: 14.05.2020

#### **prEN ISO 18530**

*Health Informatics - Automatic identification and data capture marking and labelling - Subject of care and individual provider identification (ISO/DIS 18530:2020)*

Språk: en

Kommentarfrist: 03.04.2020

**prEN ISO 24014-1**

Kollektivtransport - Samordnede billetteringssystemer - Del 1: Arkitektur (ISO/DIS 24014-1:2020)  
*Public transport - Interoperable fare management system - Part 1: Architecture (ISO/DIS 24014-1:2020)*  
Språk: en  
Kommentarfrist: 08.05.2020

**prEN ISO/IEC 27011**

Informasjonsteknologi - Sikringsteknikker - Tiltak for informasjonssikkerhetskontroller basert på ISO/IEC 27002 for telekommunikasjonsorganisasjoner (ISO/IEC 27011:2016)  
*Information technology - Security techniques - Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations (ISO/IEC 27011:2016)*  
Språk: en  
Kommentarfrist: 26.03.2020

**prEN ISO/IEC 27018**

Informasjonsteknologi - Sikringsteknikker - Retningslinjer for beskyttelse av personopplysninger (PII) i offentlige skytjenester som håndterer personopplysninger (ISO/IEC 27018:2019)  
*Information technology - Security techniques - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors (ISO/IEC 27018:2019)*  
Språk: en  
Kommentarfrist: 26.03.2020

**prEN ISO/IEC 29100**

Informasjonsteknologi - Sikringsteknikker - Rammeverk for personvern (ISO/IEC 29100:2011, including Amd 1:2018)  
*Information technology - Security techniques - Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018)*  
Språk: en  
Kommentarfrist: 23.04.2020

**prEN ISO/IEC 29147**

*Information technology - Security techniques - Vulnerability disclosure (ISO/IEC 29147:2018)*  
Språk: en  
Kommentarfrist: 26.03.2020

**prEN ISO/IEC 30111**

*Information technology - Security techniques - Vulnerability handling processes (ISO/IEC 30111:2019)*  
Språk: en  
Kommentarfrist: 26.03.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 9241-971**

*Ergonomics of human-system interaction -- Part 971: Guidance on physical (tactile/haptic) accessibility*  
Språk: en  
Kommentarfrist: 28.04.2020

**ISO/DIS 16792**

*Technical product documentation -- Digital product definition data practices*  
Språk: en  
Kommentarfrist: 06.05.2020

**ISO/DIS 17439**

*Health informatics -- Development of terms and definitions for health informatics glossaries*  
Språk: en  
Kommentarfrist: 03.04.2020

**ISO/DIS 18530**

*Health Informatics -- Automatic identification and data capture marking and labelling -- Subject of care and individual provider identification*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 18561-1**

*Intelligent transport systems (ITS) -- Urban mobility applications via nomadic device for green transport management -- Part 1: General requirements for data exchange between ITS stations*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 20684-1**

*Intelligent transport systems -- Roadside modules SNMP data interface -- Part 1: Overview*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 20684-2**

*Intelligent transport systems -- Roadside modules SNMP data interface -- Part 2: Generalized field device -- Basic management*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 22029**

*EMSA/MAS Standard file format for spectral data exchange*

Språk: en

Kommentarfrist: 30.03.2020

**ISO/DIS 24014-1**

*Public Transport -- Interoperable Fare Management System -- Part 1: Architecture*

Språk: en

Kommentarfrist: 08.05.2020

**ISO/DIS 24014-1**

*Public transport -- Interoperable fare management system -- Part 1: Architecture*

Språk: en

Kommentarfrist: 13.07.2020

**ISO/DIS 27269**

*Health informatics -- The international patient summary*

Språk: en

Kommentarfrist: 27.05.2020

**ISO/IEC DIS 13888-1**

*Information technology - Security techniques - Non-repudiation - Part 1: General*

Språk: en

Kommentarfrist: 07.04.2020

**ISO/IEC DIS 13888-3**

*Information technology - Security techniques - Non-repudiation - Part 3: Using asymmetric techniques*

Språk: en

Kommentarfrist: 07.04.2020

**ISO-standarder**

**ISO/TR 9241-312:2020**

*Ergonomics of human-system interaction -- Part 312: Readability of electrophoretic displays*

Språk: en

**ISO/TS 15143-3:2020**

*Earth-moving machinery and mobile road construction machinery -- Worksite data exchange -- Part 3: Telematics data*

Språk: en

Erstatter A00008:20:067556

**ISO/TS 15638-4:2020**

*Intelligent transport systems -- Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) -- Part 4: System security requirements*

Språk: en

**ISO/TS 16785:2020**

*Electronic Fee Collection (EFC) -- Application interface definition between DSRC-OBE and external in-vehicle devices*

Språk: en

Erstatter A00008:20:065675

**ISO/TS 23029:2020**

*Web-service-based application programming interface (WAPI) in financial services*

Språk: en

**CEN Workshop Agreements**

**CWA 16926-1:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 1: Application Programming Interface (API) - Service Provider Interface (SPI) - Programmer's Reference*

Språk: en

**CWA 16926-2:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 2: Service Class Definition - Programmer's Reference*

Språk: en

**CWA 16926-3:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 3: Printer and Scanning Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-4:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 4: Identification Card Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-5:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 5: Cash Dispenser Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-6:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 6: PIN Keypad Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-7:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 7: Check Reader/Scanner Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-8:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 8: Depository Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-9:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 9: Text Terminal Unit Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-10:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 10: Sensors and Indicators Unit Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-11:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 11: Vendor Dependent Mode Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-12:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 12: Camera Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-13:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 13: Alarm Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-14:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 14: Card Embossing Unit Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-15:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 15: Cash-In Module Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-16:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 16: Card Dispenser Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-17:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 17: Barcode Reader Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-18:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 18: Item Processing Module Device Class Interface - Programmer's Reference*

Språk: en

**CWA 16926-61:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 61: Application Programming Interface (API) - Service Provider Interface (SPI) - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-62:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 62: Printer and Scanning Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en



**CWA 16926-63:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 63: Identification Card Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-64:2020**

*Extensions for Financial Services (XFS) interface specification - Release 3.40 - Part 64: Cash Dispenser (CDM) Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-65:2020**

*Extensions for Financial Services (XFS) interface specification - Release 3.40 - Part 65: PIN Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-66:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 66: Check Reader/Scanner Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-67:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 67: Depository Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-68:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 68: Text Terminal Unit (TTU) Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-69:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 69: Sensors and Indicators Unit Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-70:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 70: Vendor Dependent Mode (VDM) Device Class Interface - Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-71:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 71: Camera Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-72:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 72: Alarm Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-73:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 73: Card Embossing Unit Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-74:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 74: Cash-In Module Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-75:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 75: Card Dispenser Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-76:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 76: Barcode Reader Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 16926-77:2020**

*Extensions for Financial Services (XFS) interface specification Release 3.40 - Part 77: Item Processing Module Device Class Interface - Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA) - Programmer's Reference*

Språk: en

**CWA 17492:2020**

*Predictive control and maintenance of data intensive industrial processes*

Språk: en

**CWA 17494:2020**

*Analytics Insights and Scaling Policies for Microservices*

Språk: en

**CWA 17502:2020**

*Privacy of monitoring technology - Guidelines for introducing ambient and wearable monitoring technologies balancing privacy protection against the need for oversight and care*

Språk: en

**CWA 17525:2020**

*Elements of fair and functioning data economy: identity, consent and logging*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TS 19091:2019**

*Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections (ISO/TS 19091:2019)*

Språk: en

**CEN ISO/TS 19139-1:2019**

*Geographic information - XML schema implementation - Part 1: Encoding rules (ISO/TS 19139-1:2019)*

Språk: en

**CEN ISO/TS 19293:2018**

*Health Informatics - Requirements for a record of the dispense of a medicinal product (ISO/TS 19293:2018)*

Språk: en

**CEN ISO/TS 19468:2019**

*Intelligent transport systems - Data interfaces between centres for transport information and control systems - Platform independent model specifications for data exchange protocols for transport information and control systems (ISO/TS 19468:2019)*

Språk: en

**CEN ISO/TS 20443:2018**

*Health informatics - Identification of medicinal products - Implementation guidelines for ISO 11615 data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO/TS 20443:2017)*

Språk: en

**CEN ISO/TS 20451:2018**

*Health informatics - Identification of medicinal products - Implementation guidelines for ISO 11616 data elements and structures for the unique identification and exchange of regulated pharmaceutical product information (ISO/TS 20451:2017)*

Språk: en

**CEN ISO/TS 21177:2019**

*Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO/TS 21177:2019)*

Språk: en

**CEN ISO/TS 21189:2019**

*Intelligent transport systems - Cooperative ITS - Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma for CEN ISO/TS 17426 (ISO/TS 21189:2019)*

Språk: en

**CEN/TR 12896-9:2019**

*Kollektivtransport - Referansedatamodel - Del 9: Informativ dokumentasjon  
Public transport - Reference data model - Part 9: Informative documentation*

Språk: en

**CEN/TR 17014-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Tendering - Part 101: Overview*

Språk: en

**CEN/TR 17015-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Catalogue - Part 101: Overview*

Språk: en

**CEN/TR 17016-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Ordering - Part 101: Overview*

Språk: en

**CEN/TR 17017-101:2018**

*Electronic public procurement - Business interoperability interfaces (BII), e-Fulfilment - Part 101: Overview*

Språk: en

**CEN/TR 17167:2018**

*Communication system for meters - Accompanying TR to EN 13757-2,-3 and -7, Examples and supplementary information*

Språk: en

**CEN/TR 17249-1:2018**

*Intelligent transport systems - eSafety - Part 1: Extending eCall to other categories of vehicle*

Språk: en

**CEN/TR 17297-1:2019**

*Intelligent transport systems - Location referencing harmonization for Urban ITS - Part 1: State of the art and guidelines*

Språk: en

**CEN/TR 17311:2019**

*Public transport - Interoperable fare management system - Bluetooth low energy ticketing use cases and guidelines*

Språk: en

**CEN/TR 17370:2019**

*Public transport - Operating raw data and statistics exchange*

Språk: en

**CEN/TR 17401:2020**

Intelligente transportsystemer - Urban ITS - Veiledning for blandede leverandørmiljøer  
*Intelligent transport systems - Urban-ITS - Mixed vendor environment guide*  
Språk: en

**CEN/TR 17447:2020**

Space - Use of GNSS-based positioning for road Intelligent Transport System (ITS) - Mathematical PVT error model  
Språk: en

**CEN/TR 17448:2020**

Space - Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) - Metrics and Performance levels detailed definition  
Språk: en

**CEN/TR 419030:2018**

Rationalized structure for electronic signature standardization - Best practices for SMEs  
Språk: en

**CEN/TR 419040:2018**

Rationalized structure for electronic signature standardization - Guidelines for citizens  
Språk: en

**CEN/TR 419210:2019**

Applicability of CEN Standards to Qualified Electronic Seal Creation Device under the EU Regulation N°910/2014 (eIDAS)  
Språk: en

**CEN/TS 13149-7:2020**

Kollektivtransport - Ruteplanleggings- og kontrollsystemer for kjøretøy - Del 7: System- og nettverksarkitektur  
*Public transport - Road vehicle scheduling and control systems - Part 7: System and network architecture*  
Språk: en

**CEN/TS 16702-1:2020**

Elektronisk avgiftsinnkreving - Sikker overvåking av autonome bomsystemer - Del 1: Samsvarskontroll  
*Electronic fee collection - Secure monitoring for autonomous toll systems - Part 1: Compliance checking*  
Språk: en

**CEN/TS 16702-2:2020**

Electronic fee collection - Secure monitoring for autonomous toll systems - Part 2: Trusted recorder  
Språk: en

**CEN/TS 16794-1:2019**

Public transport - Communication between contactless readers and fare media - Part 1: Implementation requirements for ISO/IEC 14443  
Språk: en

**CEN/TS 16794-2:2019**

Public transport - Communication between contactless readers and fare media - Part 2: Test plan for ISO/IEC 14443  
Språk: en

**CEN/TS 16931-3-2:2017/AC:2018**

Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note  
Språk: en

**CEN/TS 17073:2020**

Postal services - Interfaces for cross border parcels  
Språk: en

**CEN/TS 17154-1:2019**

*Electronic fee collection - Evaluation of implementation for conformity to CEN/TS 16986 - Part 1: Test suite structure and purposes*

Språk: en

**CEN/TS 17154-2:2019**

*Electronic fee collection - Evaluation of implementation for conformity to CEN/TS 16986 - Part 2: Abstract test suite*

Språk: en

**CEN/TS 17171:2018**

*Management of observed hydrometric data - Guidance*

Språk: en

**CEN/TS 17182:2018**

*Intelligente transportsystemer - E-sikkerhet - Automatisk nødanrop (eCall) via en ITS-stasjon*

*Intelligent transport systems - eSafety - eCall via an ITS-station*

Språk: en

**CEN/TS 17184:2018**

*Intelligent transport systems - eSafety - eCall High level application Protocols (HLAP) using IMS packet switched networks*

Språk: en

**CEN/TS 17234:2018**

*Intelligent transport systems - eSafety - eCall: Tests to enable PSAPs to demonstrate conformance and performance*

Språk: en

**CEN/TS 17240:2018**

*Intelligent transport systems - eSafety - eCall end to end conformance testing for IMS packet switched based systems*

Språk: en

**CEN/TS 17241:2019**

*Intelligent transport systems - Traffic management systems - Status, fault and quality requirements*

Språk: en

**CEN/TS 17249-2:2018**

*Intelligent transport systems - eSafety - Part 2 : eCall for HGVs and other commercial vehicles*

Språk: en

**CEN/TS 17249-3:2018**

*Intelligent transport systems - eSafety - Part 3: eCall for Coaches and buses*

Språk: en

**CEN/TS 17249-4:2019**

*Intelligent transport systems - eSafety - Part 4: eCall for UNECE Category T, R, S agricultural/forestry vehicles*

Språk: en

**CEN/TS 17249-5:2019**

*Intelligent transport systems - eSafety - Part 5: eCall for UNECE Category L1 and L3 powered two-wheeled vehicles*

Språk: en

**CEN/TS 17249-6:2019**

*Intelligent transport systems - eSafety - Part 6: eCall for UNECE Category L2, L4, L5, L6 and L7 tricycles and quadricycles*

Språk: en

**CEN/TS 17261:2018**

*Biometric authentication for critical infrastructure access control - Requirements and Evaluation*

Språk: en

**CEN/TS 17262:2018**

*Personal identification - Robustness against biometric presentation attacks - Application to European Automated Border Control*

Språk: en

**CEN/TS 17268:2018**

*Intelligent transport systems - ITS spatial data - Data exchange on changes in road attributes*

Språk: en

**CEN/TS 17297-2:2019**

*Intelligent transport systems - Location Referencing Harmonisation for Urban-ITS - Part 2: Transformation methods*

Språk: en

**CEN/TS 17312:2019**

*Intelligent transport systems - eSafety - eCall via satellite*

Språk: en

**CEN/TS 17313:2019**

*Intelligent transport systems - ESafety - Interoperability and user choice in eCall aftermarket and third party eCall services*

Språk: en

**CEN/TS 17363:2019**

*Intelligent transport systems - ECall optional additional data - Linked mobile phone number data concept*

Språk: en

**CEN/TS 17378:2019**

*Intelligent transport systems - Urban ITS - Air quality management in urban areas*

Språk: en

**CEN/TS 17380:2019**

*Intelligent transport systems - Urban-ITS - 'Controlled Zone' management for UVARs using C-ITS*

Språk: en

**CEN/TS 17395:2019**

*Intelligent transport systems - eSafety - eCall for automated and autonomous vehicles*

Språk: en

**CEN/TS 419221-6:2019**

*Conditions for use of EN 419221-5 as a qualified electronic signature or seal creation device*

Språk: en

**Fastsatte norske standarder**

**NS-EN 16931-1:2017+A1:2019**

Elektronisk fakturering - Del 1: Semantisk datamodell for kjerneelementene i en elektronisk faktura

*Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice*

Språk: en

**NS-EN 17269:2019**

Helseinformatikk - Internasjonalt pasientsammendrag

*Health informatics - The International Patient Summary*

Språk: en

**NS-ISO/IEC 20000-10:2018**

Informasjonsteknologi - Tjenesteledelse - Del 10: Begreper og terminologi

*Information technology - Service management - Part 10: Concepts and vocabulary*

Språk: en

### **NS-ISO/IEC 20546:2019**

Informasjonsteknologi - Stordata - Oversikt og terminologi  
*Information technology - Big data - Overview and vocabulary*  
Språk: en

### **NS-ISO/IEC 27007:2020**

Informasjonssikkerhet, cybersikkerhet og personvern - Retningslinjer for revisjon av ledelsessystemer for informasjonssikkerhet  
*Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing*  
Språk: en

### **Tilbaketrukne norske standarder**

#### **NS-EN 16931-1:2017**

Elektronisk fakturering - Del 1: Semantisk datamodell for kjerneelementene i en elektronisk faktura  
*Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice*  
Språk: en  
Ingen erstatning

#### **NS-ISO/IEC 27007:2011**

Informasjonsteknologi - Sikringsteknikker - Veiledning i revisjon av styringssystem for informasjonssikkerhet  
*Information technology - Security techniques - Guidelines for information security management systems auditing*  
Språk: en  
Ingen erstatning

## 37 Bildeteknikk

### **Standardforslag til høring - europeiske (CEN)**

#### **prEN ISO 12643-3**

*Graphic technology - Safety requirements for graphic technology equipment and systems - Part 3: Binding and finishing equipment and systems (ISO/DIS 12643-3:2020)*  
Språk: en  
Kommentarfrist: 28.04.2020

#### **prEN ISO 12643-4**

*Graphic technology - Safety requirements for graphic technology equipment and systems - Part 4: Converting equipment and systems (ISO/DIS 12643-4:2020)*  
Språk: en  
Kommentarfrist: 28.04.2020

### **Standardforslag til høring - internasjonale (ISO)**

#### **ISO/DIS 12643-3**

*Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 3: Binding and finishing equipment and systems*  
Språk: en  
Kommentarfrist: 28.04.2020

#### **ISO/DIS 12643-4**

*Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 4: Converting equipment and systems*  
Språk: en  
Kommentarfrist: 28.04.2020

**ISO/DIS 12647-6**

*Graphic technology -- Process control for the manufacture of half-tone colour separations, proofs and production prints -- Part 6: Flexographic printing*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 14132-3**

*Optics and optical instruments - Vocabulary for telescopic systems - Part 3: Terms for telescopic sights*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 14135-1**

*Optics and optical instruments - Telescopic systems - Part 1: General-purpose telescopic sights*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 14135-2**

*Optics and optical instruments - Telescopic systems - Part 2: High-performance telescope sights*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 14490-3**

*Optics and optical instruments - Test methods for telescopic systems - Part 3: Telescopic sights*

Språk: en

Kommentarfrist: 29.05.2020

**ISO-standarder****ISO 9642:2020**

*Cinematography -- Time and control code for 24, 25 and 30 frames per second motion-picture film systems -- Specifications*

Språk: en

Erstatter A00008:20:017469

**ISO 19301:2020**

*Graphic technology -- Guidelines for schema writers -- Template for colour quality management*

Språk: en

**ISO/TS 23564:2020**

*Image technology colour management -- Evaluating colour transform accuracy in ICC profiles*

Språk: en

**39 Finmekanikk. Smykker****Standardforslag til høring - internasjonale (ISO)****ISO/DIS 24016**

*Jewellery and precious metals -- Grading polished diamonds -- Terminology, classification and test methodsPart 1: Terminology and classification*

Språk: en

Kommentarfrist: 03.04.2020

**ISO-standarder****ISO 764:2020**

*Horology -- Magnetic resistant watches*

Språk: en

Erstatter A00008:20:023033



**ISO 18684:2020**

*Timekeeping instruments -- Watch external parts made of hard material -- General requirements and test methods*

Språk: en

Erstatter A00008:20:063205

**43 Kkjøretøyteknikk****ISO-standarder****ISO 3584:2020**

*Road vehicles -- Clevis couplings -- Interchangeability*

Språk: en

Erstatter A00008:20:030352

**ISO 6469-3:2018/Amd 1:2020**

*Withstand voltage test for electric power sources*

Språk: en

**ISO 6621-2:2020**

*Internal combustion engines -- Piston rings -- Part 2: Inspection measuring principles*

Språk: en

Erstatter A00008:20:038437

**ISO 8820-12:2020**

*Road vehicles -- Fuse-links -- Part 12: Fuse-links with tabs (blade type) Type N (sub miniature)*

Språk: en

**ISO 8820-13:2020**

*Road vehicles -- Fuse-links -- Part 13: Fuse-links with tabs (blade type) Type P (sub miniature three tabs)*

Språk: en

**ISO 14229-1:2020**

*Road vehicles -- Unified diagnostic services (UDS) -- Part 1: Application layer*

Språk: en

Erstatter A00008:20:055283

**ISO 14229-8:2020**

*Road vehicles -- Unified diagnostic services (UDS) -- Part 8: UDS on Clock eXtension Peripheral Interface (UDSonCXPI)*

Språk: en

**ISO 17409:2020**

*Electrically propelled road vehicles -- Conductive power transfer -- Safety requirements*

Språk: en

Erstatter A00008:20:068491

**ISO 18868:2013/Amd 1:2020**

*Clarification for calculation for V-value for combinations including a centre axel trailer (CAT)*

Språk: en

**ISO 20766-11:2020**

*Road vehicles -- Liquefied petroleum gas (LPG) fuel systems components -- Part 11: Manual shut-off valve*

Språk: en

**ISO 20794-2:2020**

*Road vehicles -- Clock extension peripheral interface (CXPI) -- Part 2: Application layer*

Språk: en

**ISO 20794-3:2020**

Road vehicles -- Clock extension peripheral interface (CXPI) -- Part 3: Transport and network layer

Språk: en

**ISO 20794-4:2020**

Road vehicles -- Clock extension peripheral interface (CXPI) -- Part 4: Data link layer and physical layer

Språk: en

**ISO 21111-4:2020**

Road vehicles -- In-vehicle Ethernet -- Part 4: General requirements and test methods of optical gigabit Ethernet components

Språk: en

**ISO 21755-2:2020**

Motorcycles -- Measurement method for evaporative emissions -- Part 2: Permeation test procedure

Språk: en

**ISO/TR 21959-2:2020**

Road vehicles -- Human performance and state in the context of automated driving -- Part 2: Considerations in designing experiments to investigate transition processes

Språk: en

**Rapporter fra CEN (CR)****CEN/TS 13149-7:2020**

Kollektivtransport - Ruteplanleggings- og kontrollsystemer for kjøretøy - Del 7: System- og nettverksarkitektur

Public transport - Road vehicle scheduling and control systems - Part 7: System and network architecture

Språk: en

**CEN/TS 16786:2018**

Road restraint systems - Truck Mounted Attenuators - Performance classes, impact test acceptance criteria and test performance

Språk: en

**45 Jernbaneteknikk****Standardforslag til høring - europeiske (CEN)****EN 13103-1:2017/prA1:2020**

Jernbane - Hjulsett og boggier - Del 1: Metode for utforming av aksler med eksterne akseltapper

Railway applications - Wheelsets and bogies - Part 1: Design method for axles with external journals

Språk: en

Kommentarfrist: 26.03.2020

**EN 14198:2016+A1:2018/prA2**

Jernbane - Bremsesystemer - Krav til bremsesystemer på lokomotivtrukne tog

Railway applications - Braking - Requirements for the brake system of trains hauled by locomotives

Språk: en

Kommentarfrist: 26.03.2020

**prEN 15955**

Railway applications - Infrastructure - Demountable machines, trailers and associated equipment - General safety and technical requirements for travelling and working

Språk: en

Kommentarfrist: 07.05.2020

**Rapporter fra CEN (CR)****CEN/TR 15654-3:2019**

*Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 3: Approval and verification of on track measurement sites for vehicles in service*

Språk: en

**CEN/TR 17315:2019**

*Railway applications - Braking - Calculations for the estimation of stopping distance for specific Wheel Slide Protection testing*

Språk: en

**CEN/TR 17373:2019**

*Railway applications - Railway rolling stock - Investigation of vehicles position on the reverse curve tracks during running and calculation of buffer overlap*

Språk: en

**CEN/TR 17420:2020**

*Railway applications - Vehicle end design for trams and light rail vehicles with respect to pedestrian safety*

Språk: en

**Fastsatte norske standarder****NS-EN 14752:2019**

Jernbane - Sidemonterte inngangssystemer for rullende materiell

*Railway applications - Bodyside entrance systems for rolling stock*

Språk: en

**NS-EN 16185-2:2014+A1:2019**

Jernbane - Bremsesystemer for motorvogntog - Del 2: Prøvningsmetoder

*Railway applications - Braking systems of multiple unit trains - Part 2: Test methods*

Språk: en

**NS-EN 16207:2014+A1:2019**

Jernbane - Bremsesystemer - Funksjons- og ytelseskriterier for elektromagnetiske sporbremsesystemer for bruk i rullende jernbanemateriell

*Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock*

Språk: en

**Tilbaketrukkne norske standarder****NS-EN 14752:2015**

Jernbane - Sidedørsystemer for rullende materiell

*Railway applications - Body side entrance systems for rolling stock*

Språk: en

Ingen erstatning

**NS-EN 16185-2:2014**

Jernbane - Bremsesystemer for motorvogntog - Del 2: Prøvningsmetoder

*Railway applications - Braking systems of multiple unit trains - Part 2: Test methods*

Språk: en

Ingen erstatning

**NS-EN 16207:2014**

Jernbane - Bremsesystemer - Funksjons- og ytelseskriterier for elektromagnetiske sporbremsesystemer for bruk i rullende jernbanemateriell

*Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock*

Språk: en

Ingen erstatning

## 47 Skipsbygging og marine konstruksjoner

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO 7840**

*Small craft - Fire-resistant fuel hoses (ISO/DIS 7840:2020)*

Språk: en

Kommentarfrist: 26.05.2020

#### **prEN ISO 8469**

*Mindre fartøy - Ikke-brannbestandige drivstoffslanger (ISO/DIS 8469:2020)*

*Small craft - Non-fire-resistant fuel hoses (ISO/DIS 8469:2020)*

Språk: en

Kommentarfrist: 06.05.2020

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 7840**

*Small craft - Fire-resistant fuel hoses (Revision of ISO 7840:1985)*

Språk: en

Kommentarfrist: 26.05.2020

#### **ISO/DIS 7840**

*Small craft -- Fire-resistant fuel hoses*

Språk: en

Kommentarfrist: 31.07.2020

#### **ISO/DIS 8469**

*Small craft - Non-fire-resistant fuel hoses*

Språk: en

Kommentarfrist: 06.05.2020

#### **ISO/DIS 8469**

*Small craft -- Non-fire-resistant fuel hoses*

Språk: en

Kommentarfrist: 11.07.2020

#### **ISO/DIS 8847**

*Small craft -- Steering gear -- Cable over pulley systems*

Språk: en

Kommentarfrist: 27.04.2020

#### **ISO/DIS 10592**

*Small craft -- Hydraulic steering systems*

Språk: en

Kommentarfrist: 27.04.2020

#### **ISO/DIS 15364**

*Ships and marine technology - Pressure/vacuum valves for cargo tanks*

Språk: en

Kommentarfrist: 20.04.2020

#### **ISO/DIS 15364**

*Ships and marine technology -- Pressure-vacuum valves for cargo tanks and devices to prevent the passage of flame into cargo tanks*

Språk: en

Kommentarfrist: 25.06.2020

**ISO/DIS 16273**

*Ships and marine technology -- Night vision equipment for high-speed craft -- Operational and performance requirements, methods of testing and required test results*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 23577**

*Terms and definitions for cargo securing systems on ships*

Språk: en

Kommentarfrist: 04.06.2020

**ISO/DIS 24041**

*Ships and marine technology -- Shark jaw and towing pins*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 24042**

*Liquid cargo handling equipment -- Crude oil offloading system &#8212; Tandem mooring winch*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 24043**

*Marine structures -- Crude oil offloading system -- Hose reels*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 24044**

*Ships and marine technology -- Deck machinery -- Multifunctional manipulator*

Språk: en

Kommentarfrist: 01.06.2020

**ISO-standarder**

**ISO 5480:2020**

*Ships and marine technology -- Guardrails for cargo ships*

Språk: en

Erstatter A00008:20:011522

**ISO 22252:2020**

*Manned submersibles -- Breathing air supply and CO2 adsorption systems -- Performance requirements and recommendations*

Språk: en

**ISO/PAS 23678-1:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 1: General requirements for training providers*

Språk: en

**ISO/PAS 23678-2:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 2: Service personnel initial training*

Språk: en

**ISO/PAS 23678-3:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 3: Level 1 technician training*

Språk: en

**ISO/PAS 23678-4:2020**

*Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats (including free-fall lifeboats) and rescue boats (including fast rescue boats), launching appliances and release gear -- Part 4: Level 2 in-field competence*

Språk: en

## 49 Luft- og romfartsteknikk

### Standardforslag til høring - europeiske (CEN)

**prEN 16603-20**

*Space engineering - Electrical and electronic*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 16603-32-01**

*Space engineering - Fracture control*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 11532**

*Aircraft ground equipment - Graphical symbols (ISO 11532:2018)*

Språk: en

Kommentarfrist: 02.04.2020

### Standardforslag til høring - internasjonale (ISO)

**ISO 11227:2012/DAMd 1**

*Oblique impacts and Annex C update*

Språk: en

Kommentarfrist: 10.04.2020

### ISO-standarder

**ISO 7313:2020**

*Aircraft -- High temperature convoluted hose assemblies in polytetrafluoroethylene (PTFE)*

Språk: en

Erstatter A00008:20:013979

**ISO 11076:2020**

*Aircraft -- Deicing/anti-icing methods on the ground*

Språk: en

Erstatter A00008:20:054925

**ISO 16049-1:2020**

*Air cargo equipment -- Restraint straps -- Part 1: Design criteria and testing methods*

Språk: en

Erstatter A00008:20:053817

**ISO 21785:2020**

*Air cargo unit load devices -- Load distribution model*

Språk: en

**ISO 21895:2020**

*Categorization and classification of civil unmanned aircraft systems*

Språk: en

**ISO 23103:2020**

*Space link extension -- Cross support transfer service -- Specification framework*

Språk: en

**ISO 23104:2020**

*Space link extension -- Cross support transfer service -- Monitored data service*

Språk: en

**Fastsatte norske standarder****NS-EN 2002-16:2019**

Luft- og romfart - Metalliske materialer - Prøvningsmetoder - Del 16: Ikke-destruktiv prøving - Penetrantprøving  
*Aerospace series - Metallic materials - Test methods - Part 16: Non-destructive testing - Penetrant testing*

Språk: en

**NS-EN 2002-21:2019**

Luft- og romfart - Metalliske materialer - Prøvningsmetoder - Del 21: Radiografisk prøving av støpegods  
*Aerospace series - Metallic materials - Test methods - Part 21: Radiographic testing of castings*

Språk: en

**NS-EN 2400:2019**

Luft- og romfart - Varmebestandig nikkelbasert legering NI-P96-HT - Kaldtrukket og utfellingsbehandlet - Ståltråd -  $D \leq 10$  mm  
*Aerospace series - Heat resisting nickel base alloy NI-P96-HT - Cold drawn and precipitation treated - Wire -  $D \leq 10$  mm*

Språk: en

**NS-EN 2943:2019**

Luft- og romfart - Innlegg, MJ- og M-skruegjenger, spiralspole - Teknisk spesifikasjon  
*Aerospace series - Inserts, MJ and M screw threads, helical coil - Technical specification*

Språk: en

**NS-EN 3468:2019**

Luft- og romfart - Stål X8CrNiTi18-10 (1.4878/1.4544) - Myknet -  $500 \text{ Mpa} \leq R_m \leq 700 \text{ Mpa}$  - Smigods -  $De \leq 100$  mm  
*Aerospace series - Steel X8CrNiTi18-10 (1.4878/1.4544) - Softened -  $500 \text{ MPa} \leq R_m \leq 700 \text{ MPa}$  - Forgings -  $De \leq 100$  mm*

Språk: en

**NS-EN 3481:2019**

Luft- og romfart - Stål X8CrNiTi18-10 (1.4878/1.4544) - Glødet - Referansevarmebehandling: myknet - Hule stenger -  $5 \text{ mm} \leq a \leq 12 \text{ mm}$

*Aerospace series - Steel X8CrNiTi18-10 (1.4878/1.4544) - Annealed - Reference heat treatment: softened - Hollow bars -  $5 \text{ mm} \leq a \leq 12 \text{ mm}$*

Språk: en

**NS-EN 3482:2019**

Luft- og romfart - Stål X8CrNiTi18-10 (1.4878/1.4544) - Glødet - Referansevarmebehandling: myknet - Smiemner -  $De \leq 100$  mm  
*Aerospace series - Steel X8CrNiTi18-10 (1.4878/1.4544) - Annealed - Reference heat treatment: softened - Forging stock -  $De \leq 100 \text{ mm}$*

Språk: en

**NS-EN 4609:2019**

Luft- og romfart - Spiraldrivsystemspor for gjengede festemidler - Geometrisk definisjon og tekniske krav

*Aerospace series - Spiral drive recesses for threaded fasteners - Geometrical definition and technical requirements*

Språk: en

**NS-EN 9138:2019**

Luft- og romfart - Ledelsessystemer for kvalitet - Statistisk produkt - Godkjenningskrav

*Aerospace Series - Quality Management Systems - Statistical Product - Acceptance Requirements*

Språk: en

**NS-EN 16603-11:2019**

Romfartsteknikk - Definisjon av teknologiberedskapsnivåer (TRL) og tilhørende vurderingskriterier (ISO 16290:2013, modifisert)  
*Space engineering - Definition of the Technology Readiness Levels (TRLs) and their criteria of assessment (ISO 16290:2013, modified)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 2943:1998**

*Aerospace series - Inserts, screw thread, helical coil, self-locking - Technical specification*

Språk: en

Ingen erstatning

**53 Utstyr for godshåndtering****Standardforslag til høring - europeiske (CEN)****EN 16952:2018/prA1**

*Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety*

Språk: en

Kommentarfrist: 04.06.2020

**prEN 15620**

Statiske lagringssystemer av stål - Toleranser, deformasjoner og klaringer

*Steel static storage systems - Tolerances, deformations and clearances*

Språk: en

Kommentarfrist: 26.03.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 4250-3**

*Earth-mover tyres and rims - Part 3: Rims*

Språk: en

Kommentarfrist: 02.04.2020

**ISO/DIS 4301-2**

*Cranes -- Classification -- Part 2: Mobile cranes*

Språk: en

Kommentarfrist: 09.05.2020

**ISO/DIS 4301-3**

*Cranes -- Classification -- Part 3: Tower cranes*

Språk: en

Kommentarfrist: 03.06.2020

**ISO-standarder****ISO 3691-1:2011/Amd 1:2020**

Språk: en

**ISO 3691-4:2020**

*Industrial trucks -- Safety requirements and verification -- Part 4: Driverless industrial trucks and their systems*

Språk: en

**ISO 3691-5:2014/Amd 1:2020**

Språk: en



**ISO 6292:2020**

*Powered industrial trucks and tractors -- Brake performance and component strength*

Språk: en

Erstatter A00008:20:040797

**ISO 7096:2020**

*Earth-moving machinery -- Laboratory evaluation of operator seat vibration*

Språk: en

Erstatter A00008:20:025592

**ISO 11525-1:2020**

*Rough-terrain trucks -- Safe use requirements -- Part 1: Variable-reach trucks*

Språk: en

Erstatter A00008:20:050581

**ISO 11525-2:2020**

*Rough-terrain trucks -- Safe use requirements -- Part 2: Slewing variable-reach trucks*

Språk: en

Erstatter A00008:20:060661

**ISO 21178:2020**

*Light conveyor belts -- Determination of electrical resistances*

Språk: en

Erstatter A00008:20:061050

**ISO 22915-17:2020**

*Industrial trucks -- Verification of stability -- Part 17: Towing tractors, burden and personnel carriers*

Språk: en

**ISO/TR 6750-2:2020**

*Earth-moving machinery -- Operator's manual -- Part 2: List of references*

Språk: en

Erstatter A00008:20:029209

**ISO/TS 15143-3:2020**

*Earth-moving machinery and mobile road construction machinery -- Worksite data exchange -- Part 3: Telematics data*

Språk: en

Erstatter A00008:20:067556

**Rapporter fra CEN (CR)**

**CEN/TR 16829:2016+AC:2019**

*Fire and explosion prevention and protection for bucket elevators*

Språk: en

**CEN/TS 1459-8:2018**

*Rough-terrain trucks - Safety requirements and verification - Part 8: Variable-reach tractors*

Språk: en

## 55 Emballasje og varedistribusjon

### Standardforslag til høring - europeiske (CEN)

#### **prEN 16247-4**

Energirevisjoner - Del 4: Transport

*Energy audits - Part 4: Transport*

Språk: en

Kommentarfrist: 09.04.2020

### ISO-standarder

#### **ISO 12822:2020**

*Glass packaging -- 26 H 126 crown finish -- Dimensions*

Språk: en

Erstatter A00008:20:062018

#### **ISO 16106:2020**

*Transport packages for dangerous goods -- Dangerous goods packagings, intermediate bulk containers (IBCs) and large packagings -- Guidelines for the application of ISO 9001*

Språk: en

Erstatter A00008:20:039762

#### **ISO 21894:2020**

*Air cargo -- Cargo stopper devices -- Design and testing*

Språk: en

### Rapporter fra CEN (CR)

#### **CEN/TR 13695-2:2019**

*Packaging - Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment - Part 2: Requirements for measuring and verifying dangerous substances present in packaging, and their release into the environment*

Språk: en

### Fastsatte norske standarder

#### **NS-EN ISO 4180:2019**

Emballasje - Komplette, fylte transportemballasjer - Alminnelige regler for utarbeiding av programmer for ytelsesprøvinger (ISO 4180:2019)

*Packaging - Complete, filled transport packages - General rules for the compilation of performance test schedules (ISO 4180:2019)*

Språk: en

### Tilbaketrukne norske standarder

#### **NS-EN ISO 4180:2010**

Emballasje - Komplette, fylte transportemballasjer - Alminnelige regler for utarbeiding av programmer for ytelsesprøvinger (ISO 4180:2009)

*Packaging - Complete, filled transport packages - General rules for the compilation of performance test schedules (ISO 4180:2009)*

Språk: en

Ingen erstatning

## 59 Tekstil- og lærteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO 14931**

Lær - Veiledning for valg av lær for klær (med unntak av pelser) (ISO/DIS 14931:2020)  
*Leather - Guide to the selection of leather for apparel (excluding furs) (ISO/DIS 14931:2020)*

Språk: en

Kommentarfrist: 01.04.2020

#### **prEN ISO 17130**

Lær - Fysiske og mekaniske prøvinger - Bestemmelse av dimensjonsforandring (ISO/DIS 17130:2020)  
*Leather - Physical and mechanical tests - Determination of dimensional change (ISO/DIS 17130:2020)*

Språk: en

Kommentarfrist: 02.04.2020

#### **prEN ISO 20743**

*Textiles - Determination of antibacterial activity of textile products (ISO/DIS 20743:2020)*

Språk: en

Kommentarfrist: 26.05.2020

#### **prEN ISO 21765**

*Textiles - Determination of fabric deformability by forced mechanical distension (ISO/DIS 21765:2020)*

Språk: en

Kommentarfrist: 03.04.2020

#### **prEN ISO 25619-1**

*Geosynthetics - Determination of compression behaviour - Part 1: Compressive creep properties (ISO/DIS 25619-1:2020)*

Språk: en

Kommentarfrist: 05.06.2020

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 1833-25**

*Textiles -- Quantitative chemical analysis -- Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform)*

Språk: en

Kommentarfrist: 19.04.2020

#### **ISO/DIS 14931**

*Leather - Leather characteristics for apparel (excluding furs)*

Språk: en

Kommentarfrist: 01.04.2020

#### **ISO/DIS 20743**

*Textiles -- Determination of antibacterial activity of textile products*

Språk: en

Kommentarfrist: 01.08.2020

#### **ISO/DIS 25619-1**

Geosynteter - Bestemmelse av trykkegenskaper-Del 1Krypegenskaper ved trykk

*Geosynthetics -- Determination of compression behaviour -- Part 1: Compressive creep properties*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 25619-1**

*Geosynthetics -- Determination of compression behaviour -- Part 1: Compressive creep properties*

Språk: en

Kommentarfrist: 10.08.2020

**ISO-standarder****ISO 36:2020**

*Rubber, vulcanized or thermoplastic -- Determination of adhesion to textile fabrics*

Språk: en

Erstatter A00008:20:072773

**ISO 2648:2020**

*Wool -- Determination of fibre length distribution parameters -- Capacitance method*

Språk: en

Erstatter A00008:20:007633

**Rapporter fra CEN (CR)****CEN/TR 17222:2019**

*Textile products and nanotechnologies - Guidance on tests to simulate nanoparticle release - Skin exposure*

Språk: en

**Fastsatte norske standarder****NS-EN ISO 1833-15:2019**

Tekstiler - Kvantitativ kjemisk analyse - Del 15: Blandinger av jute med visse animalske fibere (metode med bestemmelse av nitrogeninnhold) (ISO 1833-15:2019)

*Textiles - Quantitative chemical analysis - Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content) (ISO 1833-15:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 1833-15:2010**

Tekstiler - Kvantitativ kjemisk analyse - Del 15: Blandinger av jute og visse animalske fibere (metode med bestemmelse av nitrogeninnhold) (ISO 1833-15:2006)

*Textiles - Quantitative chemical analysis - Part 15: Mixtures of jute and certain animal fibres (method by determining nitrogen content) (ISO 1833-15:2006)*

Språk: en

Ingen erstatning

## 61 Konfeksjonsindustri

**Standardforslag til høring - europeiske (CEN)****prEN 17487**

*Protective clothing - Protective garments treated with permethrin for the protection against tick bites*

Språk: en

Kommentarfrist: 07.05.2020

**prEN ISO 16186**

*Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarat (DMFU) in footwear materials (ISO/DIS 16186:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN ISO 19574**

*Footwear and footwear components - Qualitative test method to assess antifungal activity (growth test) (ISO/DIS 19574:2020)*

Språk: en

Kommentarfrist: 27.03.2020

**Rapporter fra CEN (CR)****CEN/TR 17376:2019**

*Textiles - Safety of children's clothing - Guidance on the use of EN 14682:2014 Cords and drawstrings on children's clothing - Specifications*

Språk: en

**65 Landbruk****Standardforslag til høring - europeiske (CEN)****EN 16952:2018/prA1**

*Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety*

Språk: en

Kommentarfrist: 04.06.2020

**prEN 15784**

*Animal feeding stuffs: Methods of sampling and analysis - Isolation and enumeration of presumptive Bacillus spp.*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 15786**

*Animal feeding stuffs: Methods of sampling and analysis - Isolation and enumeration of Pediococcus spp.*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 15787**

*Animal feeding stuffs: Methods of sampling and analysis - Isolation and enumeration of Lactobacillus spp.*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 15788**

*Animal feeding stuffs: Methods of sampling and analysis - Isolation and enumeration of Enterococcus (E. faecium) spp.*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 15789**

*Animal feeding stuffs: Methods of sampling and analysis - Isolation and enumeration of yeast probiotic strains (Saccharomyces cerevisiae)*

Språk: en

Kommentarfrist: 09.04.2020

**prEN ISO 11680-1**

*Skogbruksmaskiner - Sikkerhetskrav og prøving for motordrevne sager med forlengelse - Del 1: Maskiner med integrert forbrenningsmotor (ISO/DIS 11680-1:2020)*

*Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO/DIS 11680-1:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 11680-2**

Skogbruksmaskiner - Sikkerhetskrav og prøving for motordrevne sager med forlengelse - Del 2: Maskiner for bruk med en bærbar kraftkilde (ISO/DIS 11680-2:2020)

*Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 2: Machines for use with back-pack power source (ISO/DIS 11680-2:2020)*

Språk: en

Kommentarfrist: 05.05.2020

**prEN ISO 19472-2**

*Machinery for forestry - Winches - Dimensions, performance and safety - Part 2: Traction aid winches (ISO/DIS 19472-2:2020)*

Språk: en

Kommentarfrist: 20.04.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 11680-1**

*Machinery for forestry - Powered pole cutters - Safety requirements and testing - Part 1: Units fitted with an integral combustion engine*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 11680-2**

*Machinery for forestry - Powered pole cutters - Safety requirements and testing - Part 2: Units for use with an independent or back pack power*

Språk: en

Kommentarfrist: 05.05.2020

**ISO/DIS 17567**

*Agriculture and forestry tractors and implements -- Hydraulic power beyond*

Språk: en

Kommentarfrist: 21.04.2020

**ISO/DIS 22172-2**

*Agricultural machinery and tractors -- Repair and maintenance information -- Part 2: Vehicle on-board diagnostics*

Språk: en

Kommentarfrist: 02.04.2020

**ISO-standarder****ISO 3475:2020**

*Essential oil of aniseed (Pimpinella anisum L.)*

Språk: en

Erstatter A00008:20:032039

**ISO 4254-11:2010/Amd 1:2020**

Språk: en

**ISO 15077:2020**

*Tractors and self-propelled machinery for agriculture -- Operator controls -- Actuating forces, displacement, location and method of operation*

Språk: en

Erstatter A00008:20:042812

**Rapporter fra CEN (CR)****CEN/TR 17236:2018**

*Electronic cigarettes and e-liquids - Constituents to be measured in the aerosol of vaping products*

Språk: en

**CEN/TR 17421:2019**

*Animal feeding stuffs: Methods of sampling and analysis - Recommendations for the organization and evaluation of collaborative studies for multi-analyte methods of analysis*

Språk: en

**CEN/TS 17174:2018**

*Animal feeding stuffs: Methods of sampling and analysis - Performance criteria for single laboratory validated and ring-trial validated methods of analysis for the determination of heavy metals*

Språk: en

**CEN/TS 17287:2019**

*Requirements and test methods for electronic cigarette devices*

Språk: en

**CEN/TS 17338:2019**

*Liming materials - Determination of the lime requirement in soil - Ammonium acetate buffer method pH 5,5*

Språk: en

**Fastsatte norske standarder****NS-EN 17194:2019**

Dyrefôr: Metoder for prøvetaking og analyse - Bestemmelse av deoksynivalenol, aflatoksin B1, fumonisin B1 og B2, T-2- og HT-2-giftstoffer, zearalenon og ochratoksin A i komplett og komplementært fôr ved LC-MS/MS

*Animal feeding stuffs: Methods of sampling and analysis - Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1 & B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-MS/MS*

Språk: en

**67 Næringsmiddelteknologi****Standardforslag til høring - europeiske (CEN)****prEN 14104**

Fett- og oljederivater - Fettsyremetylestre (FAME) - Bestemmelse av syreverdi

*Fat and oil derivatives - Fatty acid methyl ester (FAME) - Determination of acid value*

Språk: en

Kommentarfrist: 30.04.2020

**prEN ISO 11132**

Sensorisk analyse - Metode - Retningslinjer for overvåking av ytelsen til et kvantitativt sensorisk panel (ISO/DIS 11132:2020)

*Sensory analysis - Methodology - Guidelines for monitoring the performance of a quantitative sensory panel (ISO/DIS 11132:2020)*

Språk: en

Kommentarfrist: 16.04.2020

**prEN ISO 15151**

Milk, milk products, infant formula and adult nutritionals - Determination of minerals and trace elements - Inductively coupled plasma atomic emission spectrometry (ICP-AES) method (ISO 15151:2018)

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 16958**

Milk, milk products, infant formula and adult nutritionals - Determination of fatty acids composition - Capillary gas chromatographic method (ISO 16958:2015)

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 20647**

*Infant formula and adult nutritionals - Determination of total iodine - Inductively coupled plasma mass spectrometry (ICP-MS) (ISO 20647:2015)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 21424**

*Milk, milk products, infant formula and adult nutritionals - Determination of minerals and trace elements - Inductively coupled plasma mass spectrometry (ICP-MS) method (ISO 21424:2018)*

Språk: en

Kommentarfrist: 02.04.2020

**prEN ISO 34101-1**

*Sustainable and traceable cocoa - Part 1: Requirements for cocoa sustainability management systems (ISO 34101-1:2019)*

Språk: en

Kommentarfrist: 07.05.2020

**prEN ISO 34101-2**

*Sustainable and traceable cocoa - Part 2: Requirements for performance (related to economic, social and environmental aspects) (ISO 34101-2:2019)*

Språk: en

Kommentarfrist: 07.05.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 4120**

*Sensory analysis -- Methodology -- Triangular test*

Språk: en

Kommentarfrist: 08.06.2020

**ISO/DIS 7970**

*Wheat (*Triticum aestivum* L.) - Specification (Revision of first edition (ISO 7970:1989)*

Språk: en

Kommentarfrist: 08.05.2020

**ISO/DIS 11132**

*Sensory analysis -- Methodology -- General guidance for monitoring the performance of a quantitative sensory panel*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 21543**

*Melkeprodukter - Bestemmelse av samlet tørrstoff-, fett-, protein- og fuktinnhold - Veiledning i bruk av nær-infrarød spektroskopi  
Milk products -- Determination of total solids, fat, protein and moisture contents -- Guidance for the application of near infrared spectrometry*

Språk: en

Kommentarfrist: 01.04.2020

**ISO/DIS 24220**

*Paocai (salted fermented vegetables) -- Specification and test methods*

Språk: en

Kommentarfrist: 27.03.2020

**ISO-standarder****ISO 665:2020**

*Oilseeds -- Determination of moisture and volatile matter content*

Språk: en

Erstatter A00008:20:031099



**ISO 3475:2020**

*Essential oil of aniseed (Pimpinella anisum L.)*

Språk: en

Erstatter A00008:20:032039

**ISO 11136:2014/Amd 1:2020**

Språk: en

**ISO 16624:2020**

*Wheat flour and durum wheat semolina -- Determination of colour by diffuse reflectance colorimetry*

Språk: en

**ISO 23293:2020**

*Milk-based infant formula powders -- Quantification of whey protein content by sodium dodecyl sulfate-capillary gel electrophoresis (SDS-CGE)*

Språk: en

**ISO 23349:2020**

*Animal and vegetable fats and oils -- Determination of sterols and stanols in foods and dietary supplements containing added phytosterols*

Språk: en

**Rapporter fra CEN (CR)****CEN/TS 17061:2019**

*Foodstuffs - Guidelines for the calibration and quantitative determination of pesticide residues and organic contaminants using chromatographic methods*

Språk: en

**CEN/TS 17062:2019**

*Foods of plant origin - Multimethod for the determination of pesticide residues in vegetable oils by LC-MS/MS (QuOil)*

Språk: en

**CEN/TS 17303:2019**

*Foodstuffs - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments*

Språk: en

**CEN/TS 17329-1:2019**

*Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 1: Single-laboratory validation*

Språk: en

**CEN/TS 17329-2:2019**

*Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 2: Collaborative study*

Språk: en

**Fastsatte norske standarder****NS-EN 17266:2019**

*Næringsmidler - Bestemmelse av stoffer og deres kjemiske forbindelser - Bestemmelse av organiske kvikksølvforbindelser i sjømat ved analyse av elementært kvikksølv*

*Foodstuffs - Determination elements and their chemical species - Determination of organomercury in seafood by elemental mercury analysis*

Språk: en

### Tilbaketrukne norske standarder

#### **NS-EN 14082:2003**

Næringsmidler - Bestemmelse av sporelementer - Bestemmelse av bly, kadmium, sink, kobber, jern og krom med atomabsorbsjonsspektrometri (AAS) etter tørrforasking

*Foodstuffs - Determination of trace elements - Determination of lead, cadmium, zinc, copper, iron and chromium by atomic absorption spectrometry (AAS) after dry ashing*

Språk: en

Ingen erstatning

#### **NS-EN 14185-1:2003**

Ikke-fettholdige næringsmidler - Bestemmelse av N-metylkarbamaterester - Del 1: HPLC-metode med SPE-rengjøring

*Non-fatty food - Determination of N-methylcarbamate residues - Part 1: HPLC-method with SPE clean-up*

Språk: en

Ingen erstatning

## 71 Kjemiteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN 16274**

*Method for Analysis of Allergens - Quantification of an extended list of 57 suspected allergens in ready to inject fragrance materials by gas chromatography mass spectrometry*

Språk: en

Kommentarfrist: 07.05.2020

#### **prEN 17127**

*Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols*

Språk: en

Kommentarfrist: 30.04.2020

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 3044**

*Oil of Eucalyptus citriodora, Hooker W.J. (Revision of first edition ISO 3044:1974)*

Språk: en

Kommentarfrist: 10.04.2020

#### **ISO/DIS 22029**

*EMSA/MAS Standard file format for spectral data exchange*

Språk: en

Kommentarfrist: 30.03.2020

#### **ISO/DIS 22731**

*Carbonaceous materials used in the production of aluminium -- Cathode -- Cathode abrasion testing*

Språk: en

Kommentarfrist: 29.04.2020

### ISO-standarder

#### **ISO 685:2020**

*Analysis of soaps -- Determination of total alkali content and total fatty matter content*

Språk: en

Erstatter A00008:20:004880

**ISO 3475:2020**

*Essential oil of aniseed (Pimpinella anisum L.)*

Språk: en

Erstatter A00008:20:032039

**ISO 6141:2015/Amd 1:2020**

*Cross reference list to ISO Guide 31:2015 and ISO/IEC 17025:2017*

Språk: en

**ISO 21222:2020**

*Surface chemical analysis -- Scanning probe microscopy -- Procedure for the determination of elastic moduli for compliant materials using atomic force microscope and the two-point JKR method*

Språk: en

**ISO 21631:2020**

*Essential oil of clementine (Citrus clementina hort. ex Tanaka syn. Citrus reticulata Blanco x Citrus sinensis (L.) Osbeck), Spanish type*

Språk: en

**ISO 22863-1:2020**

*Fireworks -- Test methods for determination of specific chemical substances -- Part 1: General*

Språk: en

**ISO 22863-2:2020**

*Fireworks -- Test methods for determination of specific chemical substances -- Part 2: Hexachlorobenzene by gas chromatography*

Språk: en

**ISO/TS 15338:2020**

*Surface chemical analysis -- Glow discharge mass spectrometry -- Operating procedures*

Språk: en

Erstatter A00008:20:050331

**ISO/TS 22176:2020**

*Cosmetics -- Analytical methods -- Development of a global approach for validation of quantitative analytical methods*

Språk: en

**Rapporter fra CEN (CR)****CEN/TR 15993:2018**

*Automotive fuels - Ethanol (E85) automotive fuel - Background to the parameters required and their respective limits and determination*

Språk: en

**CEN/TR 17296:2018**

*Chemical disinfectants and antiseptics - Differentiation of active and non-active substances*

Språk: en

**CEN/TR 17421:2019**

*Animal feeding stuffs: Methods of sampling and analysis - Recommendations for the organization and evaluation of collaborative studies for multi-analyte methods of analysis*

Språk: en

**Fastsatte norske standarder****NS-EN 15494:2019**

*Levende lys - Produktsikkerhetsmerking*

*Candles - Product safety labels*

Språk: en

## Tilbaketrukne norske standarder

### **NS-EN 15494:2007**

Levende lys - Produktsikkerhetsmerking

*Candles - Product safety labels*

Språk: en

Ingen erstatning

## **73 Gruvedrift og mineraler**

### ISO-standarder

#### **ISO 349:2020**

*Hard coal -- Audibert-Arnu dilatometer test*

Språk: en

Erstatter A00008:20:004300

#### **ISO 20904:2020**

*Hard coal -- Sampling of slurries*

Språk: en

Erstatter A00008:20:039992

#### **ISO/TS 21826:2020**

*Iron ores -- Determination of total iron content -- EDTA photometric titration method*

Språk: en

## **75 Petroleumsteknologi og beslektet teknologi**

### Standardforslag til høring - europeiske (CEN)

#### **prEN 17127**

*Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols*

Språk: en

Kommentarfrist: 30.04.2020

#### **prEN ISO 17225-1**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 1: Generelle krav (ISO/DIS 17225-1:2020)

*Solid biofuels - Fuel specifications and classes - Part 1: General requirements (ISO/DIS 17225-1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

#### **prEN ISO 17225-2**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 2: Klasser av trepelletter (ISO/DIS 17225-2:2020)

*Solid biofuels - Fuel specifications and classes - Part 2: Graded wood pellets (ISO/DIS 17225-2:2020)*

Språk: en

Kommentarfrist: 30.04.2020

#### **prEN ISO 17225-3**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 3: Klasser av trebriketter (ISO/DIS 17225-3:2020)

*Solid biofuels - Fuel specifications and classes - Part 3: Graded wood briquettes (ISO/DIS 17225-3:2020)*

Språk: en

Kommentarfrist: 30.04.2020

**prEN ISO 17225-4**

Fast biobrensel - Spesifikasjoner og klasser for brensel - Del 4: Klasser av treflis (ISO/DIS 17225-4:2020)

*Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO/DIS 17225-4:2020)*

Språk: en

Kommentarfrist: 21.04.2020

**prEN ISO 19901-2**

Petroleums- og naturgassindustri - Spesifikke krav til offshorekonstruksjoner - Del 2: Prosedyrer og kriterier for dimensjonering for jordskjelv (ISO/DIS 19901-2:2020)

*Petroleum and natural gas industries - Specific requirements for offshore structures - Part 2: Seismic design procedures and criteria (ISO/DIS 19901-2:2020)*

Språk: en

Kommentarfrist: 23.04.2020

**prEN ISO 21640**

*Solid recovered fuels - Specifications and classes (ISO/DIS 21640:2020)*

Språk: en

Kommentarfrist: 03.06.2020

**prEN ISO 21645**

*Solid recovered fuels - Methods for sampling (ISO/DIS 21645:2020)*

Språk: en

Kommentarfrist: 12.05.2020

**prEN ISO 21912**

*Solid recovered fuels - Safe handling and storage of solid recovered fuels (ISO/DIS 21912:2020)*

Språk: en

Kommentarfrist: 29.04.2020

**prEN ISO 22854**

*Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method (ISO/DIS 22854:2020)*

Språk: en

Kommentarfrist: 29.05.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 1928**

*Solid mineral fuels -- Determination of gross calorific value by the bomb calorimetric method and calculation of net calorific value*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 2928**

*Rubber hoses and hose assemblies for liquid petroleum gases, LPG (liquid or gaseous phase) and natural gas up to 25 bar (2,5MPa) - Specification*

Språk: en

Kommentarfrist: 03.06.2020

**ISO/DIS 10434**

*Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries*

Språk: en

Kommentarfrist: 25.04.2020

**ISO/DIS 12925-2**

*Lubricants, industrial oils and related products (class L) -- Family C (Gears) -- Part 2: Specifications of categories CKH, CKJ and CKM (lubricants open and semi-enclosed gear systems)*

Språk: en

Kommentarfrist: 28.04.2020

**ISO/DIS 15590-2**

*Petroleum and natural gas industries -- Factory bends, fittings and flanges for pipeline transportation systems -- Part 2: Fittings*

Språk: en

Kommentarfrist: 26.03.2020

**ISO/DIS 15590-3**

*Petroleum and natural gas industries -- Factory bends, fittings and flanges for pipeline transportation systems -- Part 3: Flanges*

Språk: en

Kommentarfrist: 26.03.2020

**ISO/DIS 15761**

*Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries*

Språk: en

Kommentarfrist: 24.04.2020

**ISO/DIS 17225-1**

*Solid biofuels -- Fuel specifications and classes -- Part 1: General requirements*

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 17225-2**

*Solid biofuels -- Fuel specifications and classes -- Part 2: Graded wood pellets*

Språk: en

Kommentarfrist: 30.04.2020

**ISO/DIS 17225-3**

*Solid biofuels -- Fuel specifications and classes -- Part 3: Graded wood briquettes*

Språk: en

Kommentarfrist: 30.04.2020

**ISO/DIS 17225-4**

*Solid biofuels -- Fuel specifications and classes -- Part 4: Graded wood chips*

Språk: en

Kommentarfrist: 21.04.2020

**ISO/DIS 19901-2**

*Petroleum and natural gas industries -- Specific requirements for offshore structures -- Part 2: Seismic design procedures and criteria*

Språk: en

Kommentarfrist: 23.04.2020

**ISO/DIS 19901-2**

*Petroleum and natural gas industries -- Specific requirements for offshore structures -- Part 2: Seismic design procedures and criteria*

Språk: en

Kommentarfrist: 28.06.2020

**ISO/DIS 19901-5**

*Petroleum and natural gas industries - Specific requirements for offshore structures - Part 5: Weight control during engineering and construction*

Språk: en

Kommentarfrist: 08.06.2020

**ISO/DIS 22854**

*Liquid petroleum products -- Determination of hydrocarbon types and oxygenates in petrol -- Multidimensional gas chromatography method*

Språk: en

Kommentarfrist: 29.05.2020

**ISO/DIS 22854**

*Liquid petroleum products -- Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel -- Multidimensional gas chromatography method*

Språk: en

Kommentarfrist: 03.08.2020

**ISO/DIS 23978**

*Natural gas -- Upstream area -- Determination of composition by Laser Raman spectroscopy*

Språk: en

Kommentarfrist: 29.05.2020

**ISO-standarder**

**ISO 556:2020**

*Coke (greater than 20 mm in size) -- Determination of mechanical strength*

Språk: en

Erstatter A00008:20:004644

**Rapporter fra CEN (CR)**

**CEN ISO/TS 35105:2019**

*Petroleum and natural gas industries - Arctic operations - Material requirements for arctic operations (ISO/TS 35105:2018)*

Språk: en

**CEN/TR 15367-1:2020**

*Petroleumprodukter - Retningslinjer for god drivstofføkonomi - Del 1: Diesel*

*Petroleum products - Guidelines for good housekeeping - Part 1: Automotive diesel fuels*

Språk: en

**CEN/TR 15993:2018**

*Automotive fuels - Ethanol (E85) automotive fuel - Background to the parameters required and their respective limits and determination*

Språk: en

**CEN/TR 17225:2018**

*Fuels and biofuels - Assessment on oxidation stability determination methods for distillate fuels and blends thereof with fatty acid methyl esters (FAME)*

Språk: en

**CEN/TR 17238:2018**

*Foreslåtte grenseverdier for forurensende stoffer i biometan basert på helsevurderingskriterier*

*Proposed limit values for contaminants in biomethane based on health assessment criteria*

Språk: en

**CEN/TR 17452:2020**

*Natural gas fuelling stations — Guidance for implementation of European standards on CNG and LNG stations for fuelling vehicles*

Språk: en

**Fastsatte norske standarder**

**NORSOK Z-015:2019/AC:2020**

*Rettelse AC - Midlertidig utstyr*

*Corrigendum AC - Temporary equipment*

Språk: en

### **NS-EN 16214-1:2012+A1:2019**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*

Språk: en

### **NS-EN 16214-4:2013+A1:2019**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 4: Beregningsmetoder for utslippsbalanse av klimagasser ved bruk av livssyklusanalyse

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach*

Språk: en

### **Tilbaketrukne norske standarder**

#### **NS-EN 16214-1:2012**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 1: Terminologi

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology*

Språk: en

Ingen erstatning

#### **NS-EN 16214-4:2013**

Bærekraftkriterier for produksjon av biodrivstoff og flytende biobrensel til energianvendelser - Prinsipper, kriterier, indikatorer og påvisere - Del 4: Beregningsmetoder for utslippsbalanse av klimagasser ved bruk av livssyklusanalyse

*Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach*

Språk: en

Ingen erstatning

## 77 Metallurgi

### **Standardforslag til høring - europeiske (CEN)**

#### **prEN 13601**

Kobber og kobberlegeringer - Kobberstang og -tråd for generelle elektriske formål

*Copper and copper alloys - Copper rod, bar and wire for general electrical purposes*

Språk: en

Kommentarfrist: 23.04.2020

#### **prEN 13603 rev**

Kobber og kobberlegeringer - Prøvningsmetoder for bedømmelse av beskyttende tinnbelegg på trukkede runde kobbertråder for elektriske formål

*Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes*

Språk: en

Kommentarfrist: 23.04.2020

#### **prEN 13605**

Kobber og kobberlegeringer - Kobberprofiler og profilert tråd for elektriske formål

*Copper and copper alloys - Copper profiles and profiled wire for electrical purposes*

Språk: en

Kommentarfrist: 23.04.2020



**prEN 15061**

Maskinsikkerhet - Sikkerhetskrav til maskiner og utstyr for båndbehandling

*Safety of machinery - Safety requirements for strip processing line machinery and equipment*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 17449**

*Safety of machinery - Safety requirements to finishing lines for metal strip*

Språk: en

Kommentarfrist: 16.04.2020

**prEN ISO 8407**

Korrosjon av metall og legeringer - Fjerning av korrosjonsprodukter fra korrosjonsprøvningsplater (ISO/DIS 8407:2020)

*Corrosion of metals and alloys - Removal of corrosion products from corrosion test specimens (ISO/DIS 8407:2020)*

Språk: en

Kommentarfrist: 30.03.2020

**prEN ISO 23063**

*Foundry machinery - Safety requirements for high pressure die casting machines (ISO/DIS 23063:2020)*

Språk: en

Kommentarfrist: 26.05.2020

**prEN ISO 28080**

*Hardmetals - Abrasion tests for hardmetals (ISO/DIS 28080:2020)*

Språk: en

Kommentarfrist: 02.04.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 630-1**

*Structural steels -- Part 1: General technical delivery conditions for hot rolled products*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 630-2**

*Structural steels -- Part 2: Technical delivery conditions for structural steels for general purposes*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 630-3**

*Structural steels -- Part 3: Technical delivery conditions for fine grain structural steels*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 630-4**

*Structural steels -- Part 4: Technical delivery conditions for high yield strength quenched and tempered structural steel plates*

Språk: en

Kommentarfrist: 11.05.2020

**ISO/DIS 8407**

Korrosjon på metaller og legeringer - Fjerning av korrosjonsprodukter fra korrosjonsprøvningsplater

*Corrosion of metals and alloys -- Removal of corrosion products from corrosion test specimens*

Språk: en

Kommentarfrist: 30.03.2020

**ISO/DIS 8407**

*Corrosion of metals and alloys -- Removal of corrosion products from corrosion test specimens*

Språk: en

Kommentarfrist: 04.06.2020

**ISO/DIS 12135**

*Metallic materials - Unified method of test for the determination of quasistatic fracture toughness*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 15349-2**

*Unalloyed steel - Determination of low carbon content - Part 2: Infrared absorption method after combustion in an induction furnace*

Språk: en

Kommentarfrist: 08.06.2020

**ISO/DIS 22848**

*Test method for measuring stress corrosion crack growth rate of steels and alloys under static-load condition in high-temperature water*

Språk: en

Kommentarfrist: 06.05.2020

**ISO-standarder****ISO 439:2020**

*Steel and cast iron -- Determination of silicon content -- Gravimetric method*

Språk: en

Erstatter A00008:20:004454

**ISO 7524:2020**

*Ferronickels -- Determination of carbon content -- Infrared absorption method after induction furnace combustion*

Språk: en

Erstatter A00008:20:014293

**ISO 7526:2020**

*Ferronickels -- Determination of sulfur content -- Infrared absorption method after induction furnace combustion*

Språk: en

Erstatter A00008:20:014295

**ISO 9647:2020**

*Steel -- Determination of vanadium content -- Flame atomic absorption spectrometric method (FAAS)*

Språk: en

Erstatter A00008:20:017486

**ISO 10113:2020**

*Metallic materials -- Sheet and strip -- Determination of plastic strain ratio*

Språk: en

Erstatter A00008:20:035930

**Rapporter fra CEN (CR)****CEN/TR 10261:2018**

*Iron and steel - European standards for the determination of chemical composition*

Språk: en

**CEN/TR 10364:2018**

*Steels and cast irons - Determination of substances listed in the directives 2011/65/EU (RoHS) and 2000/53/EC (ELV) - Limitations*

Språk: en

**CEN/TR 10367:2019**

*Alloyed steels - Determination of chromium content - Inductively coupled plasma optical emission spectrometric method*

Språk: en

**CEN/TS 17308:2019**

*Materials produced from end of life tyres - Steel wire - Determination of the non-metallic content*

Språk: en

**Fastsatte norske standarder****NS-EN 1971-1:2019**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 1: Prøving med en omsluttende prøvespole på den ytre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 1: Test with an encircling test coil on the outer surface*

Språk: en

**NS-EN 1971-2:2019**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 2: Prøving med en innvendig prøveprobe på den indre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface*

Språk: en

**NS-EN 16090:2019**

Kobber og kobberlegeringer - Estimering av gjennomsnittlig kornstørrelse ved bruk av ultralyd

*Copper and copper alloys - Estimation of average grain size by ultrasound*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 1971-1:2011**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 1: Prøving med en omsluttende prøvespole på den ytre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 1: Test with an encircling test coil on the outer surface*

Språk: en

Ingen erstatning

**NS-EN 1971-2:2011**

Kobber- og kobberlegeringer - Virvelstrømprøving for måling av feil på sømløse runde rør av kobber- og kobberlegeringer - Del 2: Prøving med en innvendig prøveprobe på den indre overflaten

*Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface*

Språk: en

Ingen erstatning

**NS-EN 16090:2011**

Kobber og kobberlegeringer - Estimering av gjennomsnittlig kornstørrelse ved bruk av ultralyd

*Copper and copper alloys - Estimation of average grain size by ultrasound*

Språk: en

Ingen erstatning

## 79 Treteknikk

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 8965**

*Logging industry -- Technology -- Vocabulary*

Språk: en

Kommentarfrist: 03.05.2020

### ISO-standarder

#### **ISO 19085-11:2020**

*Woodworking machines -- Safety -- Part 11: Combined machines*

Språk: en

### Rapporter fra CEN (CR)

#### **CEN/TS 16818:2018**

Tre og trebaserte produkters holdbarhet - Fukt utvikling i tre og trebaserte produkter

*Durability of wood and wood-based products - Moisture dynamics of wood and wood-based products*

Språk: en

#### **CEN/TS 17158:2018**

*Composites made from cellulose based materials and thermoplastics (usually called wood polymer composites (WPC) or natural fibre composites (NFC)) - Determination of particle size of lignocelulosic material*

Språk: en

## 81 Glassindustri og keramisk industri

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO 12543-1**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 1: Definisjoner og beskrivelse av komponenter (ISO/DIS 12543-1:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 1: Definitions and description of component parts (ISO/DIS 12543-1:2020)*

Språk: en

Kommentarfrist: 06.04.2020

#### **prEN ISO 12543-2**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 2: Laminert sikkerhetsglass (ISO/DIS 12543-2:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 2: Laminated safety glass (ISO/DIS 12543-2:2020)*

Språk: en

Kommentarfrist: 23.04.2020

#### **prEN ISO 12543-3**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 3: Laminert glass (ISO/DIS 12543-3:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 3: Laminated glass (ISO/DIS 12543-3:2020)*

Språk: en

Kommentarfrist: 06.04.2020

#### **prEN ISO 12543-4**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 4: Prøvmåter for holdbarhet (ISO/DIS 12543-4:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 4: Test methods for durability (ISO/DIS 12543-4:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**prEN ISO 12543-5**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 5: Mål og kantbehandling (ISO/DIS 12543-5:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 5: Dimensions and edge finishing (ISO/DIS 12543-5:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**prEN ISO 12543-6**

Bygningsglass - Laminert glass og laminert sikkerhetsglass - Del 6: Utseende (ISO/DIS 12543-6:2020)

*Glass in building - Laminated glass and laminated safety glass - Part 6: Appearance (ISO/DIS 12543-6:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO/DIS 12543-1**

*Glass in building -- Laminated glass and laminated safety glass -- Part 1: Definitions and description of component parts*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-2**

*Glass in building -- Laminated glass and laminated safety glass -- Part 2: Laminated safety glass*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-3**

*Glass in building -- Laminated glass and laminated safety glass -- Part 3: Laminated glass*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-4**

*Glass in building -- Laminated glass and laminated safety glass -- Part 4: Test methods for durability*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-5**

*Glass in building -- Laminated glass and laminated safety glass -- Part 5: Dimensions and edge finishing*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-6**

*Glass in building -- Laminated glass and laminated safety glass -- Part 6: Appearance*

Språk: en

Kommentarfrist: 11.06.2020

**ISO/DIS 12543-1**

*Glass in building - Laminated glass and laminated safety glass - Part 1: Definitions and description of component parts*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12543-2**

*Glass in building - Laminated glass and laminated safety glass - Part 2: Laminated safety glass*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12543-3**

*Glass in building - Laminated glass and laminated safety glass - Part 3: Laminated glass*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12543-4**

*Glass in building - Laminated glass and laminated safety glass - Part 4: Test methods for durability*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12543-5**

*Glass in building - Laminated glass and laminated safety glass - Part 5: Dimensions and edge finishing*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 12543-6**

*Glass in building - Laminated glass and laminated safety glass - Part 6: Appearance*

Språk: en

Kommentarfrist: 06.04.2020

**ISO-standarder**

**ISO 23242:2020**

*Fine ceramics (advanced ceramics, advanced technical ceramics) -- Test method for flexural strength of monolithic ceramic thin plates at room temperature by three-point or four-point bending*

Språk: en

**ISO 24117:2020**

*Tableware, giftware, jewellery and luminaries, made of glass -- Glass clarity -- Classification and test method*

Språk: en

## 83 Gummi- og plastindustri

**Standardforslag til høring - europeiske (CEN)**

**prEN 12613**

*Plastics warning devices for underground cables and pipelines with visual characteristics*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 1628-2**

*Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 2: Poly(vinyl chloride) resins (ISO/DIS 1628-2:2020)*

Språk: en

Kommentarfrist: 01.05.2020

**prEN ISO 3219-1**

*Rheology - Part 1: General terms and definitions for rotational and oscillatory rheometry (ISO/DIS 3219-1:2020)*

Språk: en

Kommentarfrist: 30.04.2020

**prEN ISO 3219-2**

*Rheology - Part 2: General principles of rotational and oscillatory rheometry (ISO/DIS 3219-2:2020)*

Språk: en

Kommentarfrist: 06.04.2020

**prEN ISO 3861**

*Gummislanger til sand- og partikkelblåsing - Krav*

*Rubber hoses and hose assemblies for sand and grit blasting - Specification*

Språk: en

Kommentarfrist: 03.04.2020

**prEN ISO 3949**

Gummi- og plastslanger og slangeforbindelser - Tekstilforsterkede typer for hydraulisk bruk - Spesifikasjon (ISO/DIS 3949:2020)  
*Plastics hoses and hose assemblies - Textile-reinforced types for hydraulic applications - Specification (ISO/DIS 3949:2020)*

Språk: en

Kommentarfrist: 03.04.2020

**prEN ISO 6721-3**

Plast - Bestemmelse av dynamisk-mekaniske egenskaper - Del 3: Bøyevibrasjon - Resonanskurvemetode (ISO/DIS 6721-3:2020)  
*Plastics - Determination of dynamic mechanical properties - Part 3: Flexural vibration - Resonance-curve method (ISO/DIS 6721-3:2020)*

Språk: en

Kommentarfrist: 11.05.2020

**prEN ISO 14557**

Brannslanger - Sugelanger av gummi eller plast med tilbehør (ISO/DIS 14557:2020)  
*Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies (ISO/DIS 14557:2020)*

Språk: en

Kommentarfrist: 24.04.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 2000**

*Rubber, raw natural - Guidelines for technically specified grades (Revision of fifth edition (ISO 2000:1989))*

Språk: en

Kommentarfrist: 27.03.2020

**ISO/DIS 2302**

*Isobutene-isoprene rubber (IIR) - Evaluation procedures*

Språk: en

Kommentarfrist: 24.04.2020

**ISO/DIS 2928**

*Rubber hoses and hose assemblies for liquid petroleum gases, LPG (liquid or gaseous phase) and natural gas up to 25 bar (2,5MPa) - Specification*

Språk: en

Kommentarfrist: 03.06.2020

**ISO/DIS 3219-1**

*Rheology -- Part 1: General terms and definitions for rotational and oscillatory rheometry*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 3219-2**

*Rheology -- Part 2: General principles of rotational and oscillatory rheometry*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 3861**

*Rubber hoses for sand and grit blasting -- Specification*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 3949**

*Plastics hoses and hose assemblies - Thermoplastics textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 3949:1991)]*

*Plastics hoses and hose assemblies - Thermoplastics textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 3949:1991)]*

Språk: en

Kommentarfrist: 03.04.2020

**ISO/DIS 4097**

*Rubber, ethylene-propylene-diene (EPDM) - General-purpose types - Evaluation procedure*

Språk: en

Kommentarfrist: 28.04.2020

**ISO/DIS 4658**

*Acrylonitrile-butadiene rubber - General-purpose types - Evaluation procedure [Revision of second edition (ISO 4658:1990)]*

*Acrylonitrile-butadiene rubber - General-purpose types - Evaluation procedure [Revision of second edition (ISO 4658:1990)]*

Språk: en

Kommentarfrist: 08.04.2020

**ISO/DIS 4659**

*Rubber, styrene-butadiene (carbon black or carbon black and oil masterbatches) - Evaluation procedure*

Språk: en

Kommentarfrist: 28.04.2020

**ISO/DIS 9772**

*Cellular plastics - Determination of horizontal burning characteristics of small specimens subjected to a small flame [Revision of first edition (ISO 9772:1994)]*

*Cellular plastics - Determination of horizontal burning characteristics of small specimens subjected to a small flame [Revision of first edition (ISO 9772:1994)]*

Språk: en

Kommentarfrist: 02.06.2020

**ISO/DIS 14557**

*Suction hoses for fire-fighting purposes*

Språk: en

Kommentarfrist: 24.04.2020

**ISO/DIS 17088**

*Specifications for compostable plastics*

Språk: en

Kommentarfrist: 29.04.2020

**ISO/DIS 17088**

*Plastics -- Organic recycling -- Specifications for compostable plastics*

Språk: en

Kommentarfrist: 04.07.2020

**ISO/DIS 21368**

*Adhesives -- Guidelines for the fabrication of adhesively bonded structures and for reporting procedures suitable for the risk evaluation of such structures*

Språk: en

Kommentarfrist: 18.05.2020

**ISO/DIS 23977-1**

*Plastics -- Determination of the aerobic biodegradation of plastic materials exposed to seawater -- Part 1: Method by analysis of evolved carbon dioxide*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 23977-2**

*Plastics -- Determination of the aerobic biodegradation of plastic materials exposed to seawater -- Part 2: Method by measuring the oxygen demand in closed respirometer*

Språk: en

Kommentarfrist: 06.04.2020



**ISO-standarder****ISO 36:2020**

*Rubber, vulcanized or thermoplastic -- Determination of adhesion to textile fabrics*

Språk: en

Erstatter A00008:20:072773

**ISO 75-1:2020**

*Plastics -- Determination of temperature of deflection under load -- Part 1: General test method*

Språk: en

Erstatter A00008:20:057703

**ISO 125:2020**

*Natural rubber latex concentrate -- Determination of alkalinity*

Språk: en

Erstatter A00008:20:059265

**ISO 3387:2020**

*Rubber -- Determination of crystallization effects by hardness measurements*

Språk: en

Erstatter A00008:20:055606

**ISO 3862:2020**

*Rubber hoses and hose assemblies -- Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids -- Specification*

Språk: en

Erstatter A00008:20:070383

**ISO 3865:2020**

*Rubber, vulcanized or thermoplastic -- Methods of test for staining in contact with organic material*

Språk: en

Erstatter A00008:20:040387

**ISO 7270-1:2020**

*Rubber -- Analysis by pyrolytic gas-chromatographic methods -- Part 1: Identification of polymers (single polymers and polymer blends)*

Språk: en

Erstatter A00008:20:033761,A00008:20:053037

**ISO 7313:2020**

*Aircraft -- High temperature convoluted hose assemblies in polytetrafluoroethylene (PTFE)*

Språk: en

Erstatter A00008:20:013979

**ISO 7725:2020**

*Rubber and rubber products -- Determination of chlorine and bromine content*

Språk: en

Erstatter A00008:20:014560

**ISO 11357-2:2020**

*Plastics -- Differential scanning calorimetry (DSC) -- Part 2: Determination of glass transition temperature and step height*

Språk: en

Erstatter A00008:20:057966

**ISO 14484:2020**

*Performance guidelines for design of concrete structures using fibre-reinforced polymer (FRP) materials*

Språk: en

Erstatter A00008:20:054847

**ISO 17257:2020**

*Rubber -- Identification of polymers -- Pyrolytic gas-chromatographic method using mass-spectrometric detection*

Språk: en

Erstatter A00008:20:060977

**ISO 19064-2:2020**

*Plastics -- Styrene-acrylonitrile (SAN) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties*

Språk: en

Erstatter A00008:20:010904

**ISO 19066-2:2020**

*Plastics -- Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties*

Språk: en

Erstatter A00008:20:033335

**ISO 22636:2020**

*Adhesives -- Adhesives for floor coverings -- Requirements for mechanical and electrical performance*

Språk: en

**ISO 23153-1:2020**

*Plastics -- Polyetheretherketone (PEEK) moulding and extrusion materials -- Part 1: Designation system and basis for specifications*

Språk: en

**ISO/TR 21960:2020**

*Plastics -- Environmental aspects -- State of knowledge and methodologies*

Språk: en

**Rapporter fra CEN (CR)****CEN ISO/TR 18486:2018**

*Plastics - Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance (ISO/TR 18486:2018)*

Språk: en

**CEN ISO/TR 21960:2020**

*Plastics - Environmental aspects - State of knowledge and methodologies (ISO/TR 21960:2020)*

Språk: en

**CEN/TR 17219:2018**

*Plastics - Biodegradable thermoplastic mulch films for use in agriculture and horticulture - Guide for the quantification of alteration of films*

Språk: en

**CEN/TS 17158:2018**

*Composites made from cellulose based materials and thermoplastics (usually called wood polymer composites (WPC) or natural fibre composites (NFC)) - Determination of particle size of lignocelulosic material*

Språk: en

**CEN/TS 17188:2018**

*Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags*

Språk: en

**CEN/TS 17307:2019**

*Material derived from End-of-Life tyres - Granulates and powders - Elastomers identification: Gas-chromatography and mass-spectrometric detection of pyrolysis products in solution*

Språk: en

**CEN/TS 17308:2019**

*Materials produced from end of life tyres - Steel wire - Determination of the non-metallic content*

Språk: en

**Fastsatte norske standarder****NS-EN ISO 2440:2019**

Fleksible og stive polymere skummaterialer - Akselerert aldringsprøving (ISO 2440:2019)

*Flexible and rigid cellular polymeric materials - Accelerated ageing tests (ISO 2440:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 2440:1999**

Fleksible og stive, skummede polymere materialer - Akselerert aldringsprøving (ISO 2440:1997)

*Flexible and rigid cellular polymeric materials - Accelerated ageing tests (ISO 2440:1997)*

Språk: en

Ingen erstatning

**NS-EN ISO 2440:1999/A2:2014**

Endringsblad A1 - Fleksible og stive, skummede polymere materialer - Akselerert aldringsprøving (ISO 2440:1997/AMD 2:2014)

*Amendment A1 - Flexible and rigid cellular polymeric materials - Accelerated ageing tests - Amendment 2 (ISO 2440:1997/AMD 2:2014)*

Språk: en

Ingen erstatning

**NS-EN ISO 2440:1999/A1:2010**

Endringsblad A1 - Fleksible og stive, skummede polymere materialer - Akselerert aldringsprøving - Endringsblad 1 (ISO

2440:1997/Amd 1:2010)

*Amendment A1 - Flexible and rigid cellular polymeric materials - Accelerated ageing tests - Amendment 1 (ISO 2440:1997/Amd 1:2010)*

Språk: en

Ingen erstatning

## 85 Papirteknikk

**Standardforslag til høring - europeiske (CEN)****prEN 1034-4**

Maskinsikkerhet - Sikkerhetskrav for konstruksjon og produksjon av papir- og skjæremaskiner - Del 4: Papirmassemaskiner og deres tilførselsinnretninger

*Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 4: Pulpers and their loading facilities*

Språk: en

Kommentarfrist: 16.04.2020

**prEN ISO 12625-17**

*Tissue paper and tissue products - Part 17: Determination of disintegration in water (ISO/DIS 12625-17:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**ISO-standarder****ISO 2493-2:2020**

*Paper and board -- Determination of resistance to bending -- Part 2: Taber-type tester*

Språk: en

Erstatter A00008:20:052429

**ISO 6588-1:2020**

*Paper, board and pulps -- Determination of pH of aqueous extracts -- Part 1: Cold extraction*

Språk: en

Erstatter A00008:20:059783

**ISO 6588-2:2020**

*Paper, board and pulps -- Determination of pH of aqueous extracts -- Part 2: Hot extraction*

Språk: en

Erstatter A00008:20:059784

**Rapporter fra CEN (CR)****CEN/TS 17217:2018**

*Postal services - Reverse envelope - Design and printing requirements*

Språk: en

**87 Maling- og lakkindustri****Standardforslag til høring - europeiske (CEN)****prEN 16980-1**

*Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials*

Språk: en

Kommentarfrist: 04.06.2020

**prEN ISO 3262-19**

*Ekstendere - Spesifikasjoner og prøvingsmetoder - Del 19: Utfelt silika (ISO/DIS 3262-19:2020)*

*Extenders - Specifications and methods of test - Part 19: Precipitated silica (ISO/DIS 3262-19:2020)*

Språk: en

Kommentarfrist: 17.04.2020

**prEN ISO 3262-20**

*Ekstendere - Spesifikasjoner og prøvingsmetoder - Del 20: Aktivt silica (ISO/DIS 3262-20:2020)*

*Extenders - Specifications and methods of test - Part 20: Fumed silica (ISO/DIS 3262-20:2020)*

Språk: en

Kommentarfrist: 17.04.2020

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 1247-1**

*Aluminium pigments for paints -- Part 1: General aluminium pigments*

Språk: en

Kommentarfrist: 21.04.2020

**ISO/DIS 1247-2**

*Aluminium pigments for paints -- Part 2: Vacuum metallized aluminium paste*

Språk: en

Kommentarfrist: 21.04.2020

**ISO/DIS 2810**

*Paints and varnishes -- Natural weathering of coatings -- Exposure and assessment*

Språk: en

Kommentarfrist: 10.04.2020

**ISO/DIS 2834-1**

*Graphic technology -- Laboratory preparation test prints -- Part 1: Paste inks*

Språk: en

Kommentarfrist: 29.04.2020

**ISO/DIS 3262-19**

*Extenders -- Specifications and methods of test -- Part 19: Precipitated silica*

Språk: en

Kommentarfrist: 22.06.2020

**ISO/DIS 3262-20**

*Extenders -- Specifications and methods of test -- Part 20: Fumed silica*

Språk: en

Kommentarfrist: 22.06.2020

**ISO/DIS 3262-19**

*Extenders for paints - Specifications and methods of test - Part 19: Precipitated silica*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 3262-20**

*Extenders for paints - Specifications and methods of test - Part 20: Fumed silica*

Språk: en

Kommentarfrist: 17.04.2020

**ISO/DIS 9038**

*Paints and varnishes - Determination of ability of liquid paints to sustain combustion [Revision of first edition (ISO 9038:1991)]*

*Paints and varnishes - Determination of ability of liquid paints to sustain combustion [Revision of first edition (ISO 9038:1991)]*

Språk: en

Kommentarfrist: 08.06.2020

**Rapporter fra CEN (CR)****CEN ISO/TS 19397:2018**

*Determination of the film thickness of coatings using an ultrasonic gage (ISO/TS 19397:2015)*

Språk: en

**CEN/TS 927-8:2020**

*Paints and varnishes - Coating materials and coating systems for exterior wood - Part 8: Determination of the adhesion on wood after water exposure by a double-X-cut test*

Språk: en

**CEN/TS 927-9:2018**

*Paints and varnishes - Coating materials and coating systems for exterior wood - Part 9: Determination of pull-off strength after water exposure*

Språk: en

**90****Tilbaketrukne norske standarder****NS 3910:2015**

*Brannmateriell - Vedlikehold av håndslukkere*

*Firefighting equipment - Maintenance of portable fire extinguishers*

Språk: no

Ingen erstatning

## 91 Bygningsmaterialer og bygging

### Standardforslag til høring - nasjonale

#### **prNS-EN 206:2013+A1:2016/NA:2020**

Nasjonalt tillegg - Betong - spesifikasjoner, egenskaper, framstilling og samsvar  
*National Annex - Concrete - Specification, performance, production and conformity*

Språk: no

Kommentarfrist: 10.05.2020

### Standardforslag til høring - europeiske (CEN)

#### **EN 206:2013+A1:2016/prA2:2020**

*Concrete - Specification, performance, production and conformity*

Språk: en

Kommentarfrist: 28.05.2020

#### **EN ISO 15875-2:2003/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 2: Rør - Endringsblad 2 (ISO 15875-2:2003/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes - Amendment 2 (ISO 15875-2:2003/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

#### **EN ISO 15875-3:2003/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 3: Rørdeler - Endringsblad 1 (ISO 15875-3:2003/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 1 (ISO 15875-3:2003/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

#### **EN ISO 15875-5:2003/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 15875-5:2003/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15875-5:2003/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

#### **EN ISO 15876-2:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 2: Rør - Endringsblad 1 (ISO 15876-2:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 2: Pipes - Amendment 1 (ISO 15876-2:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

#### **EN ISO 15876-3:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 3: Rørdeler - Endringsblad 1 (ISO 15876-3:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 1 (ISO 15876-3:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 15876-5:2017/prA1**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 15876-5:2017/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15876-5:2017/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 15877-2:2009/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Klorert polyvinylklorid (PVC-C) - Del 2: Rør - Endringsblad 2 (ISO 15877-2:2009/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes - Amendment 2 (ISO 15877-2:2009/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 15877-5:2009/prA2**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Klorert polyvinylklorid (PVC-C) - Del 5: Systemets egnethet for formålet - Endringsblad 2 (ISO 15877-5:2009/DAM 2:2020)

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 5: Fitness for purpose of the system - Amendment 2 (ISO 15877-5:2009/DAM 2:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 22391-2:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 2: Rør - Endringsblad 1 (ISO 22391-2:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes - Amendment 1 (ISO 22391-2:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 22391-3:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 3: Rørdeler - Endringsblad 1 (ISO 22391-3:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 1 (ISO 22391-3:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**EN ISO 22391-5:2009/prA1**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 5: Systemets egnethet for formålet - Endringsblad 1 (ISO 22391-5:2009/DAM 1:2020)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 22391-5:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 06.05.2020

**prEN 26**

*Gas-fired instantaneous water heaters for the production of domestic hot water*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 115-2**

Sikkerhet for rulletrapper og rullende fortau - Del 2: Regler for oppgradering av sikkerheten på eksisterende rulletrapper og rullende fortau

*Safety of escalators and moving walks - Part 2: Rules for the improvement of safety of existing escalators and moving walks*

Språk: en

Kommentarfrist: 26.03.2020

**prEN 1264-1**

Vannbaserte overflateintegrerte varme- og kjølesystemer - Del 1: Definisjoner og symboler

*Water based surface embedded heating and cooling systems - Part 1: Definitions and symbols*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 1264-2**

Vannbaserte varme- og kjølesystemer innebygd i overflater - Del 2: Gulvvarme: Dokumentasjonsmetoder for bestemmelse av varmeavgivelsen fra gulvvarmesystem ved beregning og prøvingsmetoder

*Water based surface embedded heating and cooling systems - Part 2: Floor heating: Prove methods for the determination of the thermal output using calculation and test methods*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 1264-3**

Vannbaserte overflateintegrerte varme- og kjølesystemer - Del 3: Dimensjonering

*Water based surface embedded heating and cooling systems - Part 3: Dimensioning*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 1264-4**

Vannbaserte overflateintegrerte varme- og kjølesystemer - Del 4: Installasjon

*Water based surface embedded heating and cooling systems - Part 4: Installation*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 1264-5**

Vannbaserte varme- og kjølesystemer innebygd i overflater - Del 5: Varme- og kjøleflater innbygd i gulv, tak og vegger - Bestemmelse av termisk ytelse

*Water based surface embedded heating and cooling systems - Part 5: Heating and cooling surfaces embedded in floors, ceilings and walls - Determination of the thermal output*

Språk: en

Kommentarfrist: 02.04.2020

**prEN 13126-2**

*Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 2: Window fastener handles*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13126-7**

*Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 7: Finger catches*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 16247-2**

Energirevisjoner - Del 2: Bygninger

*Energy audits - Part 2: Buildings*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 16758**

*Curtain walling - Determination of the strength of sheared connections - Test method and requirements*

Språk: en

Kommentarfrist: 09.04.2020



**prEN 16980-1**

*Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials*

Språk: en

Kommentarfrist: 04.06.2020

**prEN 17020-4**

*Extended application of test results on durability of self-closing for doorsets and openable windows - Part 4: Durability of self-closing of fire resistance hinged and pivoted metal framed glazed doorsets and openable windows*

Språk: en

Kommentarfrist: 07.05.2020

**prEN 17472**

*Sustainability of construction works - Sustainability assessment civil engineering works - Calculation methods*

Språk: en

Kommentarfrist: 07.05.2020

**prEN ISO 9053-2**

*Acoustics - Determination of airflow resistance - Part 2: Alternating airflow method (ISO/DIS 9053-2:2020)*

Språk: en

Kommentarfrist: 26.03.2020

**prEN ISO 11855-1**

*Building environment design - Embedded radiant heating and cooling systems - Part 1: Definitions, symbols, and comfort criteria (ISO/DIS 11855-1:2020)*

Språk: en

Kommentarfrist: 01.06.2020

**prEN ISO 11855-2**

*Building environment design - Embedded radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity (ISO/DIS 11855-2:2020)*

Språk: en

Kommentarfrist: 01.06.2020

**prEN ISO 11855-3**

*Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning (ISO/DIS 11855-3:2020)*

Språk: en

Kommentarfrist: 01.06.2020

**prEN ISO 11855-4**

*Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO/DIS 11855-4:2020)*

Språk: en

Kommentarfrist: 01.06.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 15875-2:2003/DAMd 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15875-3:2003/DAMd 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15875-5:2003/DAMd 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-2:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-3:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15876-5:2017/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15877-2:2009/DAmD 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 15877-5:2009/DAmD 2**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-2:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-3:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-5:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 717-1**

*Acoustics -- Rating of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation*

Språk: en

Kommentarfrist: 10.05.2020

**ISO/DIS 717-2**

*Acoustics -- Rating of sound insulation in buildings and of building elements -- Part 2: Impact sound insulation*

Språk: en

Kommentarfrist: 21.05.2020

**ISO/DIS 8930**

*General principles on reliability for structures -- Vocabulary*

Språk: en

Kommentarfrist: 14.04.2020

**ISO/DIS 9053-2**

*Acoustics -- Determination of airflow resistance -- Part 2: Alternating airflow method*

Språk: en

Kommentarfrist: 26.03.2020

**ISO/DIS 10845-1**

*Construction procurement -- Part 1: Processes, methods and procedures*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 10845-1**

*Construction procurement -- Part 1: Processes, methods and procedures*

Språk: en

Kommentarfrist: 02.07.2020

**ISO/DIS 10845-2**

*Construction procurement -- Part 2: Formatting and compilation of procurement documentation*

Språk: en

Kommentarfrist: 27.04.2020

**ISO/DIS 10845-2**

*Construction procurement -- Part 2: Formatting and compilation of procurement documentation*

Språk: en

Kommentarfrist: 02.07.2020

**ISO/DIS 11855-1**

Prosjektering av bygningsmiljø – Prosjektering, utførelse og drift av systemer for strålevarme og -kjøling – Del 1: Definisjon, symboler og komfortkriterier

*Building environment design -- Design, construction and operation of radiant heating and cooling systems -- Part 1: Definition, symbols, and comfort criteria*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 11855-1**

*Building environment design -- Embedded radiant heating and cooling systems -- Part 1: Definitions, symbols, and comfort criteria*

Språk: en

Kommentarfrist: 06.08.2020

**ISO/DIS 11855-2**

Prosjektering av bygningsmiljø – Prosjektering, utførelse og drift av systemer for strålevarme og -kjøling – Del 2: Bestemmelse av dimensjonerende varme- og kjølekapasitet

*Building environment design -- Design, construction and operation of radiant heating and cooling systems -- Part 2: Determination of the design heating and cooling capacity*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 11855-2**

*Building environment design -- Embedded radiant heating and cooling systems -- Part 2: Determination of the design heating and cooling capacity*

Språk: en

Kommentarfrist: 06.08.2020

**ISO/DIS 11855-4**

Prosjektering av bygningsmiljø – Prosjektering, utførelse og drift av systemer for strålevarme og -kjøling – Del 4: Dimensjonering og beregning av dynamisk varme- og kjølekapasitet for termoaktive bygningssystemer (TABS)

*Building environment design -- Design, construction and operation of radiant heating and cooling systems -- Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity for thermo active building systems (TABS)*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 11855-3**

Prosjektering av bygningsmiljø – Standarder for prosjektering, utførelse og drift av systemer for strålevarme og -kjøling – Del 3: Prosjektering og dimensjonering

*Building environment design -- Standards for the design, construction and operation of radiant heating and cooling systems -- Part 3: Design and dimensioning*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 11855-3**

*Building environment design -- Embedded radiant heating and cooling systems -- Part 3: Design and dimensioning*

Språk: en

Kommentarfrist: 06.08.2020

**ISO/DIS 11855-4**

*Building environment design -- Embedded radiant heating and cooling systems -- Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS)*

Språk: en

Kommentarfrist: 06.08.2020

**ISO/DIS 13266**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13266**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 10.08.2020

**ISO/DIS 13267**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test method for buckling resistance*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13267**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test methods for buckling resistance*

Språk: en

Kommentarfrist: 10.08.2020

**ISO/DIS 13268**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13268**

*Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 10.08.2020

**ISO/DIS 17738-1**

*Thermal insulation products -- Exterior insulation finish systems -- Part 1: Materials*

Språk: en

Kommentarfrist: 01.06.2020

**ISO/DIS 21542**

*Building construction -- Accessibility and usability of the built environment*

Språk: en

Kommentarfrist: 07.05.2020

**ISO/DIS 21542**

*Building construction -- Accessibility and usability of the built environment*

Språk: en

Kommentarfrist: 12.07.2020

**ISO/DIS 22040**

*Life cycle management of concrete structures*

Språk: en

Kommentarfrist: 06.04.2020

**ISO/DIS 22185-1**

*Diagnosing moisture damage in buildings and implementing countermeasures -- Part 1: Principles, nomenclature and moisture transport mechanisms*

Språk: en

Kommentarfrist: 27.03.2020

**ISO/DIS 22955**

*Acoustics -- Acoustic quality of open office spaces*

Språk: en

Kommentarfrist: 16.04.2020

**ISO/DIS 52032**

*Energy performance of buildings -- Method for calculation of system energy requirements and system efficiencies -- Space distribution systems (DHW, heating and cooling), Module M3-6, M4-6, M8-6*

Språk: en

Kommentarfrist: 07.04.2020

**ISO-standarder**

**ISO 10252:2020**

*Bases for design of structures -- Accidental actions*

Språk: en

**ISO 14484:2020**

*Performance guidelines for design of concrete structures using fibre-reinforced polymer (FRP) materials*

Språk: en

Erstatter A00008:20:054847

**ISO 19432-1:2020**

*Building construction machinery and equipment -- Portable, hand-held, internal combustion engine-driven abrasive cutting machines -- Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels*

Språk: en

Erstatter A00008:20:052418

**ISO/PAS 24019:2020**

*Simultaneous interpreting delivery platforms -- Requirements and recommendations*

Språk: en

**ISO/TR 16475:2020**

*General practices for the repair of water-leakage cracks in concrete structures*

Språk: en

Erstatter A00008:20:056814

**Rapporter fra CEN (CR)****CEN ISO/TS 15874-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polypropylen (PP) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15874-7:2018)

*Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity (ISO/TS 15874-7:2018)*

Språk: en

**CEN ISO/TS 15875-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Kryssbundet polyetylen (PE-X) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15875-7:2018)

*Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/TS 15875-7:2018)*

Språk: en

**CEN ISO/TS 15876-7:2018**

Rørledninger av plast for kaldt- og varmtvannsinstallasjoner - Polybuten (PB) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 15876-7:2018)

*Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity (ISO/TS 15876-7:2018)*

Språk: en

**CEN ISO/TS 15877-7:2018**

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7:2018)

*Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7:2018)*

Språk: en

**CEN ISO/TS 21003-7:2019**

Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity (ISO/TS 21003-7:2019)

*Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity (ISO/TS 21003-7:2019)*

Språk: en

**CEN ISO/TS 21083-2:2019**

Test method to measure the efficiency of air filtration media against spherical nanomaterials - Part 2: Size range from 3 nm to 30 nm (ISO/TS 21083-2:2019)

*Test method to measure the efficiency of air filtration media against spherical nanomaterials - Part 2: Size range from 3 nm to 30 nm (ISO/TS 21083-2:2019)*

Språk: en

**CEN ISO/TS 21805:2019**

Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/TS 21805:2018)

*Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/TS 21805:2018)*

Språk: en

**CEN ISO/TS 22391-7:2018**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturlmotstand (PE-RT) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 22391-7:2018)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 7: Guidance for the assessment of conformity (ISO/TS 22391-7:2018)*

Språk: en

**CEN/TR 14245:2020**

Cement - Guidelines for the application of EN 197-2: Assessment and verification of constancy of performance

Språk: en

**CEN/TR 15868:2018**

Survey on provisions valid in the place of use used in conjunction with the European concrete standard and developing practice

Språk: en

**CEN/TR 16798-2:2019**

*Energy performance of buildings - Ventilation for buildings - Part 2: Interpretation of the requirements in EN 16798-1 - Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics (Module M1-6)*

Språk: en

**CEN/TR 16961:2018**

*Declaration of uncertainties in test reports*

Språk: en

**CEN/TR 17079:2018**

*Design of fastenings for use in concrete - Redundant non-structural systems*

Språk: en

**CEN/TR 17080:2018**

*Design of fastenings for use in concrete - Anchor channels - Supplementary rules*

Språk: en

**CEN/TR 17081:2018**

*Design of fastenings for use in concrete - Plastic design of fastenings with headed and post-installed fasteners*

Språk: en

**CEN/TR 17167:2018**

*Communication system for meters - Accompanying TR to EN 13757-2,-3 and -7, Examples and supplementary information*

Språk: en

**CEN/TR 17172:2018**

*Validation testing program on chloride penetration and carbonation standardized test methods*

Språk: en

**CEN/TR 17221:2018**

*Guidance on the application of CE marking and preparation of Declaration of Performance for sanitary appliances*

Språk: en

**CEN/TR 17231:2018**

*Eurocode 1: Actions on Structures - Traffic Loads on Bridges - Track-Bridge Interaction*

Språk: en

**CEN/TR 17304:2018**

*Byggevarer - Vurdering av frigjøring av farlige stoffer - Bestemmelse av utslipp til inneluft av ammoniakk fra celluloseisolasjon ved 90 % RH*

*Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air of ammonia from cellulose insulation at 90 % RH*

Språk: en

**CEN/TR 17310:2019**

*Carbonation and CO<sub>2</sub> uptake in concrete*

Språk: en

**CEN/TR 17365:2019**

*Method for the determination of C<sub>3</sub>A in the clinker from cement analysis*

Språk: en

**CEN/TR 17426:2019**

*Sanitary appliances - Drainage systems for the application of sanitary appliances*

Språk: en

**CEN/TS 1329-2:2018**

*Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity*

Språk: en

**CEN/TS 1451-2:2019**

*Rørledninger av plast for bortledning av avløpsvann (lav og høy temperatur) i bygninger - Polypropylen (PP) - Del 2: Veiledning for samsvarsvurdering*

*Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity*

Språk: en

**CEN/TS 16244:2018**

*Ventilation in hospitals - Coherent hierarchic structure and common terms and definitions for a standard related to ventilation in hospitals*

Språk: en

**CEN/TS 16459:2019**

*External fire exposure of roofs and roof coverings - Extended application of test results from CEN/TS 1187*

Språk: en

**CEN/TS 16637-1:2018**

*Byggevarer - Vurdering av frigjøring av farlige stoffer - Del 1: Veiledning i bestemmelse av utlekkingsprøvinger og trinn for tilleggsprøvinger*

*Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps*

Språk: en

**CEN/TS 17153:2018**

*Ventilation for buildings - Correction of air flow rate according to ambient conditions*

Språk: en

**CEN/TS 17165:2018**

*Light and lighting - Lighting system design process*

Språk: en

**CEN/TS 17195:2018**

*Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in eluates*

Språk: en

**CEN/TS 17196:2018**

*Construction products: Assessment of release of dangerous substances - Digestion by aqua regia for subsequent analysis of inorganic substances*

Språk: en

**CEN/TS 17197:2018**

*Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES)*

Språk: en

**CEN/TS 17197:2018+AC:2018**

*Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES)*

Språk: en

**CEN/TS 17200:2018**

*Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)*

Språk: en



**CEN/TS 17200:2018+AC:2018**

*Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)*

Språk: en

**CEN/TS 17201:2018**

*Construction products: Assessment of release of dangerous substances - Content of inorganic substances - Methods for analysis of aqua regia digests*

Språk: en

**CEN/TS 17201:2018+AC:2018**

*Construction products: Assessment of release of dangerous substances - Content of inorganic substances - Methods for analysis of aqua regia digests*

Språk: en

**CEN/TS 17216:2018**

*Construction products - Assessment of release of dangerous substances - Determination of activity concentrations of radium-226, thorium-232 and potassium-40 in construction products using semiconductor gamma-ray spectrometry*

Språk: en

**CEN/TS 17331:2019**

*Construction products: Assessment of release of dangerous substances - Content of organic substances - Methods for extraction and analysis*

Språk: en

**CEN/TS 17332:2019**

*Construction products: Assessment of release of dangerous substances - Analysis of organic substances in eluates*

Språk: en

**Fastsatte norske standarder****NORSOK Z-015:2019/AC:2020**

Rettelse AC - Midlertidig utstyr

*Corrigendum AC - Temporary equipment*

Språk: en

**NS-EN 1015-11:2019**

Prøvningsmetoder for mørtel til murverk - Del 11: Bestemmelse av bøyestrekfasthet og trykkfasthet til herdet mørtel

*Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar*

Språk: en

**NS-EN 1366-12:2014+A1:2019**

Prøving av brannmotstanden til tekniske installasjoner - Del 12: Ikke-mekaniske brannspjeld for ventilasjonskanaler

*Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork*

Språk: en

**NS-EN 16809-1:2019**

Varmeisolasjonsprodukter for bygninger - Plassformede løsfyllprodukter av kuler av ekspandert polystyren (EPS) og kuler av bundet ekspandert polystyren - Del 1: Spesifikasjon for bundne produkter og løsfyllprodukter før installasjon

*Thermal insulation products of buildings - In-situ formed products from loose-fill expanded polystyrene (EPS) beads and bonded expanded polystyrene beads - Part 1: Specification for the bonded and loose-fill products before installation*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 1015-11:1999/A1:2006**

Endringsblad A1 - Prøvningsmetoder for mørtel til murverk - Del 11: Bestemmelse av bøyestrekfasthet og trykkfasthet til herdnet mørtel

*Amendment A1 - Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar*

Språk: en

Ingen erstatning

**NS-EN 1015-11:1999**

Prøvningsmetoder for mørtel til murverk - Del 11: Bestemmelse av bøyestrekfasthet og trykkfasthet til herdnet mørtel

*Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar*

Språk: no

Ingen erstatning

**NS-EN 1015-11:1999**

Prøvningsmetoder for mørtel til murverk - Del 11: Bestemmelse av bøyestrekfasthet og trykkfasthet til herdnet mørtel

*Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar*

Språk: en

Ingen erstatning

**92****Fastsatte norske standarder****NS-EN ISO 22301:2019**

Sikkerhet og resiliens - Systemer for kontinuitetsledelse - Krav (ISO 22301:2019)

*Security and resilience - Business continuity management systems - Requirements (ISO 22301:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 22301:2014**

Samfunnssikkerhet - Systemer for kontinuitetsplanlegging - Krav (ISO 22301:2012)

*Societal security - Business continuity management systems - Requirements (ISO 22301:2012)*

Språk: en

Ingen erstatning

**93 Anleggsvirksomhet****Standardforslag til høring - europeiske (CEN)****EN 12697-25:2016/prA1**

Bituminøse masser - Prøvningsmetoder - Del 25: Syklisk trykkprøving

*Bituminous mixtures - Test methods - Part 25: Cyclic compression test*

Språk: en

Kommentarfrist: 30.04.2020

**prEN 1463-3**

Road marking materials - Part 3: Active road studs: performance requirements

Språk: en

Kommentarfrist: 02.04.2020

**prEN 12697-49**

Bituminøse masser - Prøvningsmetoder - Del 49: Bestemmelse av friksjon etter polering  
*Bituminous mixtures - Test methods - Part 49: Determination of friction after polishing*

Språk: en

Kommentarfrist: 16.04.2020

**prEN 13232-1**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-2**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 2: Requirements for geometric design*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-3**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 3: Requirements for wheel/rail interaction*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-4**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 4: Actuation, locking and detection*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-5**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 5: Switches*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-6**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 6: Fixed common and obtuse crossings*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-7**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 7: Crossings with moveable parts*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-8**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 8: Expansion devices*

Språk: en

Kommentarfrist: 09.04.2020

**prEN 13232-9**

*Railway applications - Track - Switches and crossings for Vignole rails - Part 9: Layouts*

Språk: en

Kommentarfrist: 09.04.2020

**Standardforslag til høring - internasjonale (ISO)****ISO 22391-2:2009/DAMd 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-3:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO 22391-5:2009/DAmD 1**

Språk: en

Kommentarfrist: 06.05.2020

**ISO/DIS 13266***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13266***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of resistance against surface and traffic loading*

Språk: en

Kommentarfrist: 10.08.2020

**ISO/DIS 13267***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test method for buckling resistance*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13267***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics inspection chamber and manhole bases -- Test methods for buckling resistance*

Språk: en

Kommentarfrist: 10.08.2020

**ISO/DIS 13268***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 05.06.2020

**ISO/DIS 13268***Thermoplastics piping systems for non-pressure underground drainage and sewerage -- Thermoplastics shafts or risers for inspection chambers and manholes -- Determination of ring stiffness*

Språk: en

Kommentarfrist: 10.08.2020

**Rapporter fra CEN (CR)****CEN ISO/TS 22391-7:2018**

Rørledninger for varmt- og kaldtvannsinstallasjoner - Polyetylen med økt temperaturmotstand (PE-RT) - Del 7: Veiledning for samsvarsvurdering (ISO/PRF TS 22391-7:2018)

*Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 7: Guidance for the assessment of conformity (ISO/TS 22391-7:2018)*

Språk: en

**CEN/TR 17231:2018**

Eurocode 1: Actions on Structures - Traffic Loads on Bridges - Track-Bridge Interaction

Språk: en

**CEN/TR 17320:2019**

*Railway applications - Infrastructure - Determination of laboratory test parameters for assessing the mechanical durability of rail fastening systems - Complementary element*

Språk: en

**CEN/TS 1852-2:2019**

Rørledninger av plast for trykløse grunnavløpssystemer - Polypropylen (PP) - Del 2: Veiledning for samsvarsvurdering

*Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity*

Språk: en

**CEN/TS 12697-50:2018**

*Bituminous mixtures - Test methods - Part 50: Resistance to scuffing*

Språk: en

**CEN/TS 13476-4:2019**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 4: Veiledning for samsvarsvurdering

*Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 4: Assessment of conformity*

Språk: en

**CEN/TS 17342:2019**

*Road restraint systems - Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers*

Språk: en

**Fastsatte norske standarder****NS-EN 13422:2019**

Trafikkskilt - Transportable deformerbare varselinnretninger og kantstolper - Sperremateriell - Kjegler og sylindere

*Vertical road signs - Portable deformable warning devices and delineators - Portable road traffic signs - Cones and cylinders*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 13422:2004+A1:2009**

Trafikkskilt - Transportable deformerbare varselinnretninger og kantstolper - Sperremateriell - Kjegler og sylindere

*Vertical road signs - Portable deformable warning devices and delineators - Portable road traffic signs - Cones and cylinders*

Språk: en

Ingen erstatning

**97 Utstyr til husholdningsbruk og industriell bruk. Underholdning. Sport****Standardforslag til høring - europeiske (CEN)****EN 14749:2016/prA1**

*Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods*

Språk: en

Kommentarfrist: 04.06.2020

**EN 16282-3:2016/prA1**

*Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 3: Kitchen ventilation ceilings; design and safety requirements*

Språk: en

Kommentarfrist: 04.06.2020

**EN 16282-7:2017/prA1**

*Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire suppression systems*

Språk: en

Kommentarfrist: 04.06.2020

**EN ISO 10874:2012/prA1**

*Resilient, textile and laminate floor coverings - Classification - Amendment 1: Elimination of class 22+ (ISO 10874:2009/DAM 1:2020)*

Språk: en

Kommentarfrist: 02.04.2020

**EN ISO 20326:2018/prA1**

*Resilient floor coverings - Specification for floor panels/assembly for loose laying - Amendment 1: Requirements depending on the substrate (ISO 20326:2016/DAM 1:2020)*

Språk: en

Kommentarfrist: 31.03.2020

**prEN 1466**

Spedbarns- og småbarnsprodukter - Bærebager og stativer - Sikkerhetskrav og prøvingsmetoder

*Child use and care articles - Carry cots and stands - Safety requirements and test methods*

Språk: en

Kommentarfrist: 26.03.2020

**prEN 1466**

Spedbarns- og småbarnsprodukter - Bærebager og stativer - Sikkerhetskrav og prøvingsmetoder

*Child use and care articles - Carry cots and stands - Safety requirements and test methods*

Språk: en

Kommentarfrist: 26.03.2020

**prEN 12983-1**

Kokeapparater - Husholdningskokeapparater til bruk på komfyr eller ildsted - Del 1: Generelle krav

*Cookware - Domestic cookware for use on top of a stove, cooker or hob - Part 1: General requirements*

Språk: en

Kommentarfrist: 30.04.2020

**prEN 12983-2**

*Cookware - Domestic cookware for use on top of a stove cooker or hob - Part 2: General requirements for ceramic cookware*

Språk: en

Kommentarfrist: 30.04.2020

**prEN 14344**

*Child care articles - Child seats for cycles - Safety requirements and test methods*

Språk: en

Kommentarfrist: 28.05.2020

**prEN 14344**

*Child care articles - Child seats for cycles - Safety requirements and test methods*

Språk: en

Kommentarfrist: 28.05.2020

**prEN 17467**

*Surfaces for sports areas - Test method for the determination of the residual deformation of synthetic or organic infill granules after static load*

Språk: en

Kommentarfrist: 26.03.2020

**prEN ISO 22042**

*Blast chillers and freezers cabinets for professional use - Classification, requirements and test conditions (ISO/DIS 22042:2020)*

Språk: en

Kommentarfrist: 02.06.2020

**Standardforslag til høring - internasjonale (ISO)**

**ISO 10874:2009/DAMd 1**

*Elimination of class 22+*

Språk: en

Kommentarfrist: 02.04.2020

**ISO 20326:2016/DAMd 1**

*Requirements depending on the substrate*

Språk: en

Kommentarfrist: 31.03.2020

**ISO/DIS 10873**

*Dentistry -- Denture adhesives*

Språk: en

Kommentarfrist: 19.04.2020

**ISO/DIS 22042**

*Blast chillers and freezers cabinets for professional use -- Classification, requirements and test conditions*

Språk: en

Kommentarfrist: 02.06.2020

**ISO/DIS 31110**

*Wheeled child conveyances -- Pushchairs and prams -- Requirements and test methods*

Språk: en

Kommentarfrist: 24.04.2020

**ISO-standarder**

**ISO 8124-3:2020**

*Safety of toys -- Part 3: Migration of certain elements*

Språk: en

Erstatter A00008:20:074083,A00008:20:064816,A00008:20:043471

**Rapporter fra CEN (CR)**

**CEN/TR 13387-1:2018**

*Child care articles - General safety guidelines - Part 1: Safety philosophy and safety assessment*

Språk: en

**CEN/TR 13387-2:2018**

*Child care articles - General safety guidelines - Part 2: Chemical hazards*

Språk: en

**CEN/TR 13387-3:2018**

*Child care articles - General safety guidelines - Part 3: Mechanical hazards*

Språk: en

**CEN/TR 13387-5:2018**

*Child care articles - General safety guidelines - Part 5: Product information*

Språk: en

**CEN/TR 15371-2:2018**

*Safety of toys - Interpretations - Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series*

Språk: en

**CEN/TR 15371-2:2019**

*Safety of toys - Interpretations - Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series*

Språk: en

**CEN/TR 16396:2020**

*Lekeplassutstyr for barn - Svar på forespørsler om tolkning av NS-EN 1176:2008 og dens deler*

*Playground equipment for children - Replies to requests for interpretation of EN 1176 and its parts*

Språk: en

**CEN/TR 16411:2019**

*Child care articles - Compiled interpretations of CEN/TC 252 standards*

Språk: en

**CEN/TR 17202:2018**

*Furniture - General safety guidelines - Entrapment of fingers*

Språk: en

**CEN/TR 17207:2018**

*Playground and recreational areas - Framework for the competence of playground inspectors*

Språk: en

**CEN/TR 17292:2018**

*Technical report regarding precision data for standards EN 12720, EN 12721, EN 12722, EN 15185 and EN 15186*

Språk: en

**CEN/TR 17376:2019**

*Textiles - Safety of children's clothing - Guidance on the use of EN 14682:2014 Cords and drawstrings on children's clothing - Specifications*

Språk: en

**Fastsatte norske standarder**

**NS-EN 1130:2019**

*Barnemøbler - Babysenger - Sikkerhetskrav og prøvingsmetoder*

*Children's furniture - Cribs - Safety requirements and test methods*

Språk: en

**NS-EN 1269:2019**

*Tekstile gulvbelegg - Bedømmelse av impregneringer i nålefilt ved tilsmussing*

*Textile floor coverings - Assessment of impregnations in needled floor coverings by means of a soiling test*

Språk: en

**NS-EN 15494:2019**

*Levende lys - Produktsikkerhetsmerking*

*Candles - Product safety labels*

Språk: en

**NS-EN 15898:2019**

*Bevaring av kulturminner - Generelle termer og definisjoner*

*Conservation of cultural heritage - Main general terms and definitions*

Språk: en



**NS-EN 50465:2015/A1:2019**

Endring A1 - Gassapparater - Apparater som produserer varmt vann og elektrisitet med nominell varmetilførsel mindre enn eller lik 70 kW

*Amendment A1 - Gas appliances - Combined heat and power appliance of nominal heat input inferior or equal to 70 kW*

Språk: en

**NS-EN ISO 22041:2019/A1:2019**

Endring 1 - Kjøleskap og -disker for profesjonelt bruk - Ytelse og energiforbruk (ISO 22041:2019)

*Amendment 1 - Refrigerated storage cabinets and counters for professional use - Performance and energy consumption (ISO 22041:2019)*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 1130-1:1996**

Møbler - Spedbarnssenger og vugger for bruk i boliger - Del 1: Sikkerhetskrav

*Furniture - Cribs and cradles for domestic use - Part 1: Safety requirements*

Språk: no/en

Ingen erstatning

**NS-EN 1130-2:1996**

Møbler - Spedbarnssenger og vugger for bruk i boliger - Del 2: Prøvningsmetoder

*Furniture - Cribs and cradles for domestic use - Part 2: Test methods*

Språk: no/en

Ingen erstatning

**NS-EN 1269:2015**

Tekstile gulvbelegg - Bedømmelse av impregneringer i nålefilt ved tilsmussing

*Textile floor coverings - Assessment of impregnations in needled floor coverings by means of a soiling test*

Språk: en

Ingen erstatning

**NS-EN 15494:2007**

Levende lys - Produktsikkerhetsmerking

*Candles - Product safety labels*

Språk: en

Ingen erstatning

**NS-EN 15898:2011**

Bevaring av kulturminner - Sentrale, generelle termer og definisjoner

*Conservation of cultural property - Main general terms and definitions*

Språk: no

Ingen erstatning

**NS-EN 15898:2011**

Bevaring av kulturminner - Sentrale, generelle termer og definisjoner

*Conservation of cultural property - Main general terms and definitions*

Språk: en

Ingen erstatning