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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)

#### **prEN 17343**

*Railway applications - General terms and definitions*

Språk: en

Kommentarfrist: 20.06.2019

#### **prEN ISO 129-1**

*Technical product documentation (TPD) - Presentation of dimensions and tolerances - Part 1: General principles (ISO 129-1:2018)*

Språk: en

Kommentarfrist: 27.06.2019

#### **prEN ISO 1942**

*Tannpleie - Terminologi (ISO/DIS 1942:2019)*

*Dentistry - Vocabulary (ISO/DIS 1942:2019)*

Språk: en

Kommentarfrist: 24.05.2019

#### **prEN ISO 8384**

*Skip og marinteknologi - Mudringsfartøy - Ordliste (ISO/FDIS 8384:2019)*

*Ships and marine technology - Dredgers - Vocabulary (ISO/FDIS 8384:2019)*

Språk: en

Kommentarfrist: 04.07.2019

#### **prEN ISO 13715**

*Technical product documentation - Edges of undefined shape - Indication and dimensioning (ISO 13715:2017)*

Språk: en

Kommentarfrist: 27.06.2019

#### **prEN ISO 18388**

*Technical product documentation (TPD) - Relief grooves - Types and dimensioning (ISO 18388:2016)*

Språk: en

Kommentarfrist: 27.06.2019

#### **prEN ISO 29464**

*Cleaning of air and other gases - Terminology (ISO 29464:2017)*

Språk: en

Kommentarfrist: 04.07.2019

#### **prEN ISO/IEC 17000**

*Samsvarsvurdering - Terminologi og generelle prinsipper (ISO/IEC/DIS 17000:2019)*

*Conformity assessment - Vocabulary and general principles (ISO/IEC/DIS 17000:2019)*

Språk: en

Kommentarfrist: 21.06.2019

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

**ISO 7001:2007/DAmD 107**

*PI CF 022: Laundry service*

Språk: en

Kommentarfrist: 26.06.2019

**ISO 7001:2007/DAmD 108**

*PI PF 082: Recycling - Plastics*

Språk: en

Kommentarfrist: 26.06.2019

**ISO 7001:2007/DAmD 109**

*PI TF 044 Electric vehicle charging station*

Språk: en

Kommentarfrist: 26.06.2019

**ISO 7010:2011/DAmD 244**

*Safety sign P045 : No campfires*

Språk: en

Kommentarfrist: 03.06.2019

**ISO 7010:2011/DAmD 245**

*Safety sign P071 : Do not cross barrier*

Språk: en

Kommentarfrist: 03.06.2019

**ISO 7010:2011/DAmD 246**

*Safety sign P072 : No jumping down*

Språk: en

Kommentarfrist: 03.06.2019

**ISO 7010:2011/DAmD 247**

*Safety sign W068 : Warning; Falling into water when stepping on or off a floating surface*

Språk: en

Kommentarfrist: 03.06.2019

**ISO 7010:2011/DAmD 248**

*Safety sign W069 : Warning; Jellyfish*

Språk: en

Kommentarfrist: 03.06.2019

**ISO 7010:2011/DAmD 249**

*Safety sign W070 : Warning; Step down*

Språk: en

Kommentarfrist: 03.06.2019

**ISO/DIS 1942**

*Dental vocabulary*

Språk: en

Kommentarfrist: 24.05.2019

**ISO/DIS 1942**

*Dentistry -- Vocabulary*

Språk: en

Kommentarfrist: 29.07.2019

**ISO/DIS 3297**

*Information and documentation -- International standard serial number (ISSN)*

Språk: en

Kommentarfrist: 25.05.2019

**ISO/DIS 6727**

*Road vehicles - Motorcycles - Symbols for controls, indicators and telltales [Revision of first edition (ISO 6727:1981)]*

*Road vehicles - Motorcycles - Symbols for controls, indicators and telltales [Revision of first edition (ISO 6727:1981)]*

Språk: en

Kommentarfrist: 11.06.2019

**ISO/DIS 7369**

*Pipework - Flexible metallic hoses - Vocabulary of general terms*

Språk: en

Kommentarfrist: 22.07.2019

**ISO/DIS 8044**

*Corrosion of metals and alloys -- Vocabulary*

Språk: en

Kommentarfrist: 22.06.2019

**ISO/DIS 16175-1**

*Information and documentation -- Processes and functional requirements for software for managing records -- Part 1: Functional requirements and associated guidance for any applications that manage digital records*

Språk: en

Kommentarfrist: 13.06.2019

**ISO/DIS 16175-2**

*Information and documentation - Processes and functional requirements for software for managing records -- Part 2: Guidance for selecting, designing, implementing and maintaining software for managing records*

Språk: en

Kommentarfrist: 13.06.2019

**ISO/DIS 18662-2**

*Traditional Chinese medicine -- Vocabulary -- Part 2: Processing of Chinese materia medica*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 20771**

*Legal translation -- Requirements*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 21246**

*Information and documentation -- Key indicators for museums*

Språk: en

Kommentarfrist: 27.06.2019

**ISO/DIS 24613-2**

*Language resource management -- Lexical markup framework (LMF) -- Part 2: Machine Readable Dictionary (MRD) model*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 56000**

*Innovation management -- Fundamentals and vocabulary*

Språk: en

Kommentarfrist: 27.06.2019

### **ISO-standarder**

#### **ISO 2553:2019**

*Welding and allied processes -- Symbolic representation on drawings -- Welded joints*

Språk: en

Erstatter A00008:20:042192

#### **ISO 2710-2:2019**

*Reciprocating internal combustion engines -- Vocabulary -- Part 2: Terms for engine maintenance*

Språk: en

Erstatter A00008:20:021934

#### **ISO 7135:2009/Amd 1:2019**

Språk: en

#### **ISO 12625-1:2019**

*Tissue paper and tissue products -- Part 1: Vocabulary*

Språk: en

Erstatter A00008:20:053422

#### **ISO 19642-1:2019**

*Road vehicles -- Automotive cables -- Part 1: Vocabulary and design guidelines*

Språk: en

#### **ISO/TR 8713:2019**

*Electrically propelled road vehicles -- Vocabulary*

Språk: en

Erstatter A00008:20:055745

#### **ISO/TR 21965:2019**

*Information and documentation -- Records management in enterprise architecture*

Språk: en

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

#### **CEN ISO/TS 80004-2:2017**

*Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)*

Språk: en

#### **CEN ISO/TS 80004-12:2017**

*Nanotechnologies - Vocabulary - Part 12: Quantum phenomena in nanotechnology (ISO/TS 80004-12:2016)*

Språk: en

### **Fastsatte norske standarder**

#### **NS-EN 16601-00:2019**

*Space system - EN 16600 series - Description, implementation and general requirements*

Språk: en

#### **NS-EN 17018:2019**

*Jernbane - Vedlikehold av rullende materiell - Termer og definisjoner*

*Railway applications - Rolling stock maintenance - Terms and definitions*

Språk: en

#### **NS-ISO 15188:2001**

*Retningslinjer for prosjektledelse for terminologistandardisering*

*Project management guidelines for terminology standardization*

Språk: en

### **NS-ISO 16020:2005**

Stål til armering og forspenning av betong - Terminologi  
*Steel for the reinforcement and prestressing of concrete - Vocabulary*  
Språk: en

### **NS-ISO 30042:2019**

Forvaltning av terminologiresurser - Utsveklingsformat for termbaser (TBX)  
*Management of terminology resources - TermBase eXchange (TBX)*  
Språk: en

### **NS-ISO 30301:2019**

Informasjon og dokumentasjon - Ledelsessystemer for dokumentasjon - Krav  
*Information and documentation - Management systems for records - Requirements*  
Språk: en

### **Tilbaketrukne norske standarder**

#### **NS-ISO 30301:2011**

Informasjon og dokumentasjon - Ledelsessystemer for dokumentasjon - Krav  
*Information and documentation - Management systems for records - Requirements*  
Språk: en  
Ingen erstatning

#### **NS-ISO 30301:2011**

Informasjon og dokumentasjon - Ledelsessystemer for dokumentasjon - Krav  
*Information and documentation - Management systems for records - Requirements*  
Språk: no  
Ingen erstatning

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

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

#### **prEN 13850**

Posttjenester - Tjenestenes kvalitet - Måling av fremsendingstid for prioriterte brev  
*Postal services - Quality of services - Measurement of the transit time of end-to-end services for single piece priority mail and first class mail*  
Språk: en  
Kommentarfrist: 09.05.2019

#### **prEN 17371-1**

*Provision of services - Part 1: Service procurement - Guidance for the assessment of the capacity of service providers and evaluation of service proposals*  
Språk: en  
Kommentarfrist: 13.06.2019

#### **prEN 17371-2**

*Provision of services - Part 2: Services Contracts - Guidance for the design and structure of contracts*  
Språk: en  
Kommentarfrist: 13.06.2019

#### **prEN 17371-3**

*Provision of services - Part 3: Management of Performance Measurement - Guidance on the mechanism to measure performance as part of service contracts*  
Språk: en  
Kommentarfrist: 13.06.2019

**prEN ISO 22313**

*Security and resilience - Business continuity management systems - Guidance (ISO/DIS 22313:2019)*

Språk: en

Kommentarfrist: 03.07.2019

**prEN ISO/IEC 17000**

*Samsvarsvurdering - Terminologi og generelle prinsipper (ISO/IEC/DIS 17000:2019)*

*Conformity assessment - Vocabulary and general principles (ISO/IEC/DIS 17000:2019)*

Språk: en

Kommentarfrist: 21.06.2019

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

**ISO/DIS 2859-4**

*Sampling procedures for inspection by attributes - Part 4: Sampling plans for assessment of conformity to stated quality levels*

Språk: en

Kommentarfrist: 17.06.2019

**ISO/DIS 10015**

*Quality management -- Guidelines for competence management and people development*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 10018**

*Quality management systems -- Guidelines on people engagement*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 10962**

*Securities - Classification of Financial Instruments (CFI code)*

Språk: en

Kommentarfrist: 27.05.2019

**ISO/DIS 10962**

*Securities and related financial instruments -- Classification of financial instruments (CFI code)*

Språk: en

Kommentarfrist: 01.08.2019

**ISO/DIS 14002-1**

*Environmental management systems -- Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area -- Part 1: General*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 18436-1**

*Condition monitoring and diagnostics of machine systems -- Requirements for certification of personnel -- Part 1: Sector specific requirements for certification bodies and the certification process*

Språk: en

Kommentarfrist: 01.06.2019

**ISO/DIS 20771**

*Legal translation -- Requirements*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 22301**

*Security and resilience -- Business continuity management systems -- Requirements*

Språk: en

Kommentarfrist: 26.05.2019

**ISO/DIS 22313**

*Societal security -- Business continuity management systems -- Guidance*

Språk: en

Kommentarfrist: 03.07.2019

**ISO/DIS 22313**

*Security and resilience -- Business continuity management systems -- Guidance*

Språk: en

Kommentarfrist: 07.09.2019

**ISO/DIS 22392**

*Security and resilience -- Community resilience -- Guidelines for conducting peer reviews*

Språk: en

Kommentarfrist: 17.07.2019

**ISO/DIS 22396**

*Security and resilience -- Community resilience -- Guidelines for information exchange between organizations*

Språk: en

Kommentarfrist: 14.06.2019

**ISO/DIS 22888**

*Railway applications -- Guideline for planning of operational concepts for earthquake events*

Språk: en

Kommentarfrist: 17.06.2019

**ISO/DIS 24527**

*Service activities relating to drinking water supply, wastewater and stormwater systems -- Guidelines on alternative drinking water service provision during a crisis*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 31022**

*Risk management -- Guidelines for the management of legal risk*

Språk: en

Kommentarfrist: 15.07.2019

**ISO/DIS 37161**

*Smart community infrastructures -- Guidance on smart transportation for energy saving in transportation services in cities*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 37162**

*Smart community infrastructures -- Smart transportation for newly- developing areas*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 50004**

*Energy management systems -- Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system*

Språk: en

Kommentarfrist: 05.07.2019



**ISO/DIS 56000**

*Innovation management -- Fundamentals and vocabulary*

Språk: en

Kommentarfrist: 27.06.2019

**ISO-standarder**

**ISO 11484:2019**

*Steel products -- Employer's qualification system for non-destructive testing (NDT) personnel*

Språk: en

Erstatter A00008:20:051259

**ISO 20671:2019**

*Brand evaluation -- Principles and fundamentals*

Språk: en

**ISO/TR 20693:2019**

*Statistical methods for implementation of Six Sigma -- Selected illustrations of distribution identification studies*

Språk: en

**ISO/TR 21797:2019**

*Reference data for financial services -- Overview of identification of financial instruments*

Språk: en

**ISO/TR 22086-1:2019**

*Intelligent transport systems (ITS) -- Network based precise positioning infrastructure for land transportation -- Part 1: General information and use case definitions*

Språk: en

**ISO/TS 21189:2019**

*Intelligent transport systems -- Cooperative ITS -- Test requirements and protocol implementation conformance statement (PICS) pro forma for ISO/TS 17426*

Språk: en

**ISO/TS 54001:2019**

*Quality management systems -- Particular requirements for the application of ISO 9001:2015 for electoral organizations at all levels of government*

Språk: en

Erstatter A00008:20:060045

**Rapporter fra CEN (CR)**

**CEN ISO/TR 16401-1:2018**

*Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 1: Test suite structure and test purposes (ISO/TR 16401-1:2018)*

Språk: en

**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 17429:2017**

*Intelligent transport systems - Cooperative ITS - ITS station facilities for the transfer of information between ITS stations (ISO/TS 17429:2017)*

Språk: en

**CEN ISO/TS 17444-1:2017**

*Electronic fee collection - Charging performance - Part 1: Metrics (ISO/TS 17444-1:2017)*

Språk: en

**CEN ISO/TS 17444-2:2017**

*Electronic fee collection - Charging performance - Part 2: Examination framework (ISO/TS 17444-2:2017)*

Språk: en

**CEN ISO/TS 17969:2017**

*Petroleum, petrochemical and natural gas industries - Guidelines on competency management for well operations personnel (ISO/TS 17969:2017)*

Språk: en

**CEN ISO/TS 21719-1:2018**

*Electronic fee collection - Personalization of on-board equipment (OBE) - Part 1: Framework (ISO/TS 21719-1:2018)*

Språk: en

**CEN ISO/TS 21719-2:2018**

*Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2018)*

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/TS 17073:2017**

*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

**Fastsatte norske standarder**

**NS-ISO/IEC/IEEE 90003:2018**

Programvareutvikling - Retningslinjer for bruk av NS-EN ISO 9001:2015 for programvare til datamaskiner

*Software engineering - Guidelines for the application of NS-EN ISO 9001:2015 to computer software*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN ISO 15195:2003**

Laboratoriemedisin - Krav til laboratorier som foretar referansemålinger (ISO 15195:2003)

*Laboratory medicine - Requirements for reference measurement laboratories (ISO 15195:2003)*

Språk: en

Ingen erstatning

**NS-ISO/IEC 90003:2014**

Programvareteknikk - Retningslinjer for bruk av NS-EN ISO 9001:2008 for programvare til datamaskiner

*Software engineering - Guidelines for the application of ISO 9001:2008 to computer software*

Språk: en

Ingen erstatning

**07 Matematikk. Naturvitenskap****Standardforslag til høring - europeiske (CEN)****EN ISO 6887-3:2017/prA1**

*Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products - Amendment 1: Sample preparation for raw marine gastropods (ISO 6887-3:2017/DAmD 1:2019)*

Språk: en

Kommentarfrist: 23.05.2019

**prEN ISO 21187**

*Milk - Quantitative determination of bacteriological quality - Guidance for establishing and verifying a conversion relationship between results of an alternative method and anchor method results (ISO/DIS 21187:2019)*

Språk: en

Kommentarfrist: 18.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO 6887-3:2017/DAmD 1**

*Sample preparation for raw marine gastropods*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 19161-1**

*Geographic information -- Geodetic references -- Part 1: The international terrestrial reference system (ITRS)*

Språk: en

Kommentarfrist: 11.06.2019

**ISO/DIS 21187**

*Milk -- Quantitative determination of bacteriological quality -- Guidance for establishing a conversion relationship between routine method results and anchor method results and its verification*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 21899**

*Biotechnology -- Biobanking -- General requirements for the validation and verification of processing methods for biological material in biobanks*

Språk: en

Kommentarfrist: 23.05.2019

**ISO-standarder****ISO/TR 19733:2019**

*Nanotechnologies -- Matrix of properties and measurement techniques for graphene and related two-dimensional (2D) materials*

Språk: en

**ISO/TR 21386:2019**

*Nanotechnologies -- Considerations for the measurement of nano-objects and their aggregates and agglomerates (NOAA) in environmental matrices*

Språk: en

**ISO/TS 12869:2019**

*Water quality -- Detection and quantification of Legionella spp. and/or Legionella pneumophila by concentration and genic amplification by quantitative polymerase chain reaction (qPCR)*

Språk: en

Erstatter A00008:20:052079

**ISO/TS 21361:2019**

*Nanotechnologies -- Method to quantify air concentrations of carbon black and amorphous silica in the nanoparticle size range in a mixed dust manufacturing environment*

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 ISO/TS 80004-2:2017**

*Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)*

Språk: en

**CEN ISO/TS 80004-12:2017**

*Nanotechnologies - Vocabulary - Part 12: Quantum phenomena in nanotechnology (ISO/TS 80004-12:2016)*

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 11930:2019**

*Kosmetikk - Mikrobiologi - Evaluering av antimikrobiell beskyttelse av et kosmetisk produkt (ISO 11930:2019)*  
*Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2019)*

Språk: en

## Tilbaketrukne norske standarder

### **NS-EN ISO 11930:2012**

Kosmetikk - Mikrobiologi - Evaluering av antimikrobiell beskyttelse av et kosmetisk produkt (ISO 11930:2012)

*Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2012)*

Språk: en

Ingen erstatning

## **11 Helsevesen, Teknikk**

### Standardforslag til høring - nasjonale

#### **prNS 3340**

Helse- og omsorgstjenester - Unisex pasientskjorte i strikket metervare

*Health service - Unisex patient shirt in knitted fabric*

Språk: no

Kommentarfrist: 09.06.2019

#### **prNS 3360**

Helse- og omsorgstjenester - Unisex pasientsløbrog

*Health service - Unisex dressing gown for patients*

Språk: no

Kommentarfrist: 09.06.2019

#### **prNS 3362**

Helse- og omsorgstjenester - Unisexbukse med gylf

*Health service - Unisex fly front trouser*

Språk: no

Kommentarfrist: 09.06.2019

### Standardforslag til høring - europeiske (CEN)

#### **EN ISO 3964:2016/prA1**

*Dentistry - Coupling dimensions for handpiece connectors - Amendment 1: Interface dimensions (ISO 3964:2016/Amd 1:2018)*

Språk: en

Kommentarfrist: 27.06.2019

#### **EN ISO 8596:2018/prA1**

Oftalmisk optikk - Prøving av synsskarphet - Standard og kliniske optotyper og presentasjon av dem - Endringsblad 1 (ISO 8596:2017/Damd1:2019)

*Ophthalmic optics - Visual acuity testing - Standard and clinical optotypes and their presentation - Amendment 1 (ISO 8596:2017/Damd1:2019)*

Språk: en

Kommentarfrist: 23.05.2019

#### **EN ISO 24157:2008/prA1**

Øyeoptikk og optiske instrumenter - Framgangsmåte for å beskrive aberrasjon for humant øye - Endringsblad 1 (ISO 24157:2008/DAMD 1:2019)

*Ophthalmic optics and instruments - Reporting aberrations of the human eye - Amendment 1 (ISO 24157:2008/DAMD 1:2019)*

Språk: en

Kommentarfrist: 23.05.2019

**EN ISO 80601-2-13:2012/prA1**

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

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

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 1942**

Tannpleie - Terminologi (ISO/DIS 1942:2019)

*Dentistry - Vocabulary (ISO/DIS 1942:2019)*

Språk: en

Kommentarfrist: 24.05.2019

**prEN ISO 3630-3**

Tannpleie - Endodontiske instrumenter - Del 3: Kondenseringsinstrumenter: stoppere og spredere (ISO/DIS 3630-3:2019)

*Dentistry - Endodontic instruments - Part 3: Compactors: pluggers and spreaders (ISO/DIS 3630-3:2019)*

Språk: en

Kommentarfrist: 18.06.2019

**prEN ISO 3630-5**

Tannpleie - Rotkanalinstrumenter - Del 5: Form- og rengjøringsinstrument (ISO/DIS 3630-5:2019)

*Dentistry - Endodontic instruments - Part 5: Shaping and cleaning instruments (ISO/DIS 3630-5:2019)*

Språk: en

Kommentarfrist: 18.06.2019

**prEN ISO 5362**

*Anaesthetic reservoir bags (ISO 5362:2006)*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 8362-1**

Injeksjonsbeholdere og tilbehør - Del 1: Hetteglass laget av glassrør (ISO 8362-1:2018)

*Injection containers and accessories - Part 1: Injection vials made of glass tubing (ISO 8362-1:2018)*

Språk: en

Kommentarfrist: 27.06.2019

**prEN ISO 9997**

*Dentistry - Cartridge syringes (ISO/DIS 9997:2019)*

Språk: en

Kommentarfrist: 19.07.2019

**prEN ISO 10271**

Tannpleie - Metoder for korrosjonsprøving for materialer av metall (ISO/DIS 10271:2019)

*Dentistry - Corrosion test methods for metallic materials (ISO/DIS 10271:2019)*

Språk: en

Kommentarfrist: 10.07.2019

**prEN ISO 13408-6**

Aseptisk behandling av helsepleieprodukter - Del 6: Isolatorsystemer (ISO/DIS 13408-6:2019)

*Aseptic processing of health care products - Part 6: Isolator systems (ISO/DIS 13408-6:2019)*

Språk: en

Kommentarfrist: 19.06.2019

**prEN ISO 15098**

*Dentistry - Dental tweezers (ISO/DIS 15098:2019)*

Språk: en

Kommentarfrist: 14.06.2019

**prEN ISO 17511**

*In vitro diagnostic medical devices - Requirements for establishing metrological traceability of values assigned to calibrators, trueness control materials and human samples (ISO/DIS 17511:2019)*

Språk: en

Kommentarfrist: 30.05.2019

**prEN ISO 20417**

*Medical Devices - Information to be provided by the manufacturer (ISO/DIS 20417:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 20789**

*Anaesthetic and respiratory equipment - Passive humidifiers (ISO 20789:2018)*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 20888**

*Dentistry - Terminology for forensic oro-dental data (ISO/DIS 20888:2019)*

Språk: en

Kommentarfrist: 19.07.2019

**prEN ISO 22598**

*Dentistry - Colour tabs for intraoral tooth colour determination (ISO/DIS 22598:2019)*

Språk: en

Kommentarfrist: 10.06.2019

**prEN ISO 23325**

*Dentistry - Corrosion resistance of dental amalgam (ISO/DIS 23325:2019)*

Språk: en

Kommentarfrist: 10.06.2019

**prEN ISO 27427**

*Anaesthetic and respiratory equipment - Nebulizing systems and components (ISO 27427:2013)*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 80601-2-80**

*Medical electrical equipment - Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory insufficiency (ISO 80601-2-80:2018)*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 80601-2-79**

*Medical electrical equipment - Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment (ISO 80601-2-79:2018)*

Språk: en

Kommentarfrist: 20.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 1942**

*Dental vocabulary*

Språk: en

Kommentarfrist: 24.05.2019

**ISO/DIS 1942**

*Dentistry -- Vocabulary*

Språk: en

Kommentarfrist: 29.07.2019



**ISO/DIS 3630-3**

*Dentistry -- Endodontic instruments -- Part 3: Compactors: pluggers and spreaders*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 3630-5**

*Dentistry -- Root-canal instruments -- Part 5: Shaping and cleaning instruments*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 3630-5**

*Dentistry -- Endodontic instruments -- Part 5: Shaping and cleaning instruments*

Språk: en

Kommentarfrist: 22.08.2019

**ISO/DIS 7176-19**

*Wheelchairs -- Part 19: Wheelchairs for use as seats in motor vehicles*

Språk: en

Kommentarfrist: 02.09.2019

**ISO/DIS 7176-19**

*Wheelchairs - Part 19: Wheeled mobility devices for use in motor vehicles*

Språk: en

Kommentarfrist: 28.06.2019

**ISO/DIS 8871-2**

*Elastomeric parts for parenterals and for devices for pharmaceutical use -- Part 2: Identification and characterization*

Språk: en

Kommentarfrist: 07.07.2019

**ISO/DIS 9693**

*Dentistry -- Compatibility testing for metal-ceramic and ceramic-ceramic systems*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 9997**

*Dental cartridge syringes*

Språk: en

Kommentarfrist: 19.07.2019

**ISO/DIS 9997**

*Dentistry -- Cartridge syringes*

Språk: en

Kommentarfrist: 23.09.2019

**ISO/DIS 10271**

*Dental metallic materials - Corrosion test methods (Revision of ISO/TR 10271:1993)*

Språk: en

Kommentarfrist: 10.07.2019

**ISO/DIS 10271**

*Dentistry -- Corrosion test methods for metallic materials*

Språk: en

Kommentarfrist: 14.09.2019

**ISO/DIS 13408-6**

*Aseptic processing of health care products -- Part 6: Isolator systems*

Språk: en

Kommentarfrist: 19.06.2019

**ISO/DIS 13408-6**

*Aseptic processing of health care products -- Part 6: Isolator systems*

Språk: en

Kommentarfrist: 23.08.2019

**ISO/DIS 14879-1**

*Implants for surgery - Total knee-joint prostheses - Part 1: Determination of endurance properties of knee tibial trays*

Språk: en

Kommentarfrist: 27.05.2019

**ISO/DIS 15098**

*Dentistry -- Dental tweezers*

Språk: en

Kommentarfrist: 14.06.2019

**ISO/DIS 17511**

*In vitro diagnostic medical devices - Measurement of quantities in samples of biological origin - Metrological traceability of values assigned to calibrators and control materials*

Språk: en

Kommentarfrist: 30.05.2019

**ISO/DIS 17511**

*In vitro diagnostic medical devices -- Requirements for establishing metrological traceability of values assigned to calibrators, trueness control materials and human samples*

Språk: en

Kommentarfrist: 04.08.2019

**ISO/DIS 18662-2**

*Traditional Chinese medicine -- Vocabulary -- Part 2: Processing of Chinese materia medica*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 20127**

*Dentistry -- Physical properties of powered toothbrushes*

Språk: en

Kommentarfrist: 14.06.2019

**ISO/DIS 20417**

*Medical devices -- Information to be provided by the manufacturer*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 20888**

*Dentistry -- Terminology for forensic oro-dental data*

Språk: en

Kommentarfrist: 19.07.2019

**ISO/DIS 21151**

*In vitro diagnostic medical devices -- Measurement of quantities in samples of biological origin -- Requirements for international harmonization protocols establishing metrological traceability of values assigned to calibrators and human samples*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 22598**

*Dentistry -- Colour tabs for intraoral tooth colour determination*

Språk: en

Kommentarfrist: 10.06.2019

**ISO/DIS 23325**

*Dentistry -- Corrosion resistance of dental amalgam*

Språk: en

Kommentarfrist: 10.06.2019

**ISO-standarder****ISO 6474-1:2019**

*Implants for surgery -- Ceramic materials -- Part 1: Ceramic materials based on high purity alumina*

Språk: en

Erstatter A00008:20:045577

**ISO 6474-2:2019**

*Implants for surgery -- Ceramic materials -- Part 2: Composite materials based on a high-purity alumina matrix with zirconia reinforcement*

Språk: en

Erstatter A00008:20:050699

**ISO 13782:2019**

*Implants for surgery -- Metallic materials -- Unalloyed tantalum for surgical implant applications*

Språk: en

Erstatter A00008:20:022468

**ISO 20498-1:2019**

*Traditional Chinese medicine -- Computerized tongue image analysis system -- Part 1: General requirements*

Språk: en

**ISO 21300:2019**

*Traditional Chinese medicine -- Guidelines and specification for Chinese materia medica*

Språk: en

**ISO 22212:2019**

*Traditional Chinese medicine -- Gastrodia elata tuber*

Språk: en

**Rapporter fra CEN (CR)****CEN/TR 16953:2017**

*Medical gloves for single use - Guidance for selection*

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 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

**Fastsatte norske standarder****NS-EN ISO 7396-1:2016/A1:2019**

Endring 1 - Sentralgassanlegg for medisinske gasser - Del 1: Sentraler og fordelingsnett for komprimerte medisinske gasser og vakuu (ISO 7396-1:2016/Amd 1:2017)

*Amendment 1 - Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum (ISO 7396-1:2016/Amd 1:2017)*

Språk: en

**NS-EN ISO 10079-1:2015/A1:2019**

Endring 1 - Medisinsk sugestyr - Del 1: Elektrisk drevet sugestyr - Endring 1: Endringer i krav til drift under ekstreme temperaturer (ISO 10079-1:2015/Amd 1:2018)

*Amendment 1 - Medical suction equipment - Part 1: Electrically powered suction equipment - Amendment 1: Changes to requirements for operating at extremes of temperature (ISO 10079-1:2015/Amd 1:2018)*

Språk: en

**NS-EN ISO 10524-1:2019**

Trykkregulatorer til bruk med medisinske gasser - Del 1: Trykkregulatorer og trykkregulatorer med utstyr for gasstrømmåling (ISO 10524-1:2018)

*Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2018)*

Språk: en

**NS-EN ISO 10524-2:2019**

Trykkregulatorer til bruk med medisinske gasser - Del 2: Trykkregulatorer for rør og rørforgreininger (ISO 10524-2:2018)

*Pressure regulators for use with medical gases - Part 2: Manifold and line pressure regulators (ISO 10524-2:2018)*

Språk: en

**NS-EN ISO 10524-3:2019**

Trykkregulatorer til bruk med medisinske gasser - Del 3: Trykkregulatorer med innebygde sylinderventiler (ISO 10524-3:2019)

*Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (VIPRs) (ISO 10524-3:2019)*

Språk: en

**NS-EN ISO 15195:2019**

Laboratoriemedisin - Krav til kompetanse for kalibreringslaboratorier som bruker referansemålingsprosedyrer (ISO 15195:2018)

*Laboratory medicine - Requirements for the competence of calibration laboratories using reference measurement procedures (ISO 15195:2018)*

Språk: en

**NS-EN ISO 20166-3:2019**

Analyser for molekylær in vitro-diagnostikk - Spesifikasjoner av foranalyseprosesser for formalinfiksert og parafin-innkapslet (FFPE) vev - Del 3: Isolert DNA (ISO 20166-3:2018)

*Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue - Part 3: Isolated DNA (ISO 20166-3:2018)*

Språk: en

**NS-EN ISO 23907-1:2019**

Stikkskadebeskyttelse - Krav og prøvingsmetoder - Del 1: Engangsbeholdere for skarpe og spisse gjenstander (ISO 23907-1:2019)  
*Sharps injury protection - Requirements and test methods - Part 1: Single-use sharps containers (ISO 23907-1:2019)*  
Språk: en

**NS-EN ISO 80601-2-61:2019**

Medisinsk elektrisk utstyr - Del 2-61: Spesielle krav til grunnleggende sikkerhet og avgjørende ytelse for pulsoksimeterutstyr (ISO 80601-2-61:2017, korrigert versjon 2018-02)  
*Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2017, Corrected version 2018-02)*  
Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 10524-1:2006**

Trykkregulatorer for medisinske gasser - Del 1: Trykkregulatorer og trykkregulatorer med utstyr for gasstrømmålinger (ISO 10524-1:2006)  
*Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2006)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 10524-2:2006**

Trykkregulatorer for medisinske gasser - Del 2: Trykkregulatorer for rør og rørforgreininger (ISO 10524-2:2005)  
*Pressure regulators for use with medical gases - Part 2: Manifold and line pressure regulators (ISO 10524-2:2005)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 10524-3:2006**

Trykkregulatorer for medisinske gasser - Del 3: Trykkregulatorer med innebygde sylinderventiler (ISO 10524-3:2005)  
*Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (ISO 10524-3:2005)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 10524-3:2006/A1:2013**

Endringsblad A1 - Trykkregulatorer til bruk med medisinske gasser - Del 3: Trykkregulatorer integrert med sylinderventiler - Endringsblad 1: Filtrering og opplysninger som skal leveres av produsenten (ISO 10524-3:2005/Amd 1:2013)  
*Amendment A1 - Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves - Amendment 1: Filtration and information to be supplied by the manufacturer (ISO 10524-3:2005/Amd 1:2013)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 15195:2003**

Laboratoriemedisin - Krav til laboratorier som foretar referansemålinger (ISO 15195:2003)  
*Laboratory medicine - Requirements for reference measurement laboratories (ISO 15195:2003)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 23907:2012**

Stikkskadebeskyttelse - Krav og prøvingsmetoder - Beholdere for skarpe og spisse gjenstander (ISO 23907:2012)  
*Sharps injury protection - Requirements and test methods - Sharps containers (ISO 23907:2012)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 80601-2-61:2011**

Medisinsk elektrisk utstyr - Del 2-61: Spesielle krav til grunnleggende sikkerhet og avgjørende ytelse for pulsoksimeterutstyr (ISO 80601-2-61:2011)

*Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2011)*

Språk: en

Ingen erstatning

**13 Miljøvern. Helsevern. Sikkerhet****Standardforslag til høring - europeiske (CEN)****EN 1366-1:2014/prA1**

Prøving av brannmotstanden til tekniske installasjoner - Del 1: Ventilasjonkanaler

*Fire resistance tests for service installations - Part 1: Ventilation ducts*

Språk: en

Kommentarfrist: 06.06.2019

**EN 1366-12:2014/prA1**

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

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

Språk: en

Kommentarfrist: 06.06.2019

**EN ISO 18640-1:2018/prA1**

Vernetøy for brannmennskaper - Fysiologisk påvirkning - Del 1: Måling av varme- og fuktighetsoverføring ved bruk av svettende torso - Endringsblad 1 (ISO 18640-1:2018/DAM 1:2019)

*Protective clothing for firefighters - Physiological impact - Part 1: Measurement of coupled heat and moisture transfer with the sweating torso - Amendment 1 (ISO 18640-1:2018/DAM 1:2019)*

Språk: en

Kommentarfrist: 29.05.2019

**EN ISO 18640-2:2018/prA1**

Vernetøy for brannmennskaper - Fysiologisk påvirkning - Del 2: Bestemmelse av fysiologisk varmebelastning forårsaket av vernetøy båret av brannmennskaper - Endringsblad 1 (ISO 18640-2:2018/DAM 1:2019)

*Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters - Amendment 1 (ISO 18640-2:2018/DAM 1:2019)*

Språk: en

Kommentarfrist: 29.05.2019

**prEN 1366-8**

Prøving av brannmotstanden til tekniske installasjoner - Del 8: Kanaler for røykventilasjon

*Fire resistance tests for service installations - Part 8: Smoke extraction ducts*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 1627**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1628**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1629**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1630**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 14404-1**

*Personal protective equipment - Knee protectors for work in the kneeling Position – Part 1: Test methods*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14404-2**

*Personal protective equipment - Knee protectors for work in the kneeling position – Part 2: Requirements for wearable knee protectors (type 1)*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14404-3**

*Personal protective equipment - Knee protectors for work in the kneeling position – Part 3: Requirements for the combination of knee pads and garments (type 2)*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14404-4**

*Personal protective equipment - Knee protectors for work in the kneeling position – Part 4: Requirements for the combination of interoperable knee pads and garments (type 2)*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14404-5**

*Personal protective equipment - Knee protectors for work in the kneeling position – Part 5: Requirements for knee mats (type 3)*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14404-6**

*Personal protective equipment - Knee protectors for work in the kneeling position – Part 6: Requirements for kneeling systems (type 4)*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 14972-1**

*Fixed firefighting systems - Water mist systems - Part 1: Design, installation, inspection and maintenance*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 14972-1**

*Faste brannslukkesystemer - Vanntåkesystemer - Dimensjonering, installering, kontroll og vedlikehold  
Fixed firefighting systems - Water mist systems - Part 1: Design, installation, inspection and maintenance*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 15096**

Beskyttelsesutstyr for å hindre forurensning av drikkevann ved tilbakestrømning - Slangekobling med vakuumentil - DN 15 til DN 25 inklusiv gruppe H, type B og type D - Generelle tekniske krav

*Devices to prevent pollution by backflow of potable water - Hose Union anti-vacuum valves - DN 15 to DN 25 inclusive Family H, type B and type D - General technical specification*

Språk: en

Kommentarfrist: 20.06.2019

**prEN 15188**

Bestemmelse av selvantennelses-egenskaper for støvavsetninger

*Determination of the spontaneous ignition behaviour of dust accumulations*

Språk: en

Kommentarfrist: 11.07.2019

**prEN 17353**

Protective clothing - Visibility clothing for non-professional use - Test methods and requirements

Språk: en

Kommentarfrist: 30.05.2019

**prEN 17355**

Railway applications - Communication device for urban rail - System requirements

Språk: en

Kommentarfrist: 06.06.2019

**prEN 17366**

Waste management - Access control - Identification and authorization

Språk: en

Kommentarfrist: 06.06.2019

**prEN 17367**

Waste Management - Data communication between communication management system and the back office system for stationary containers

Språk: en

Kommentarfrist: 06.06.2019

**prEN ISO 9241-210**

Ergonomi for samhandling mellom menneske og system - Del 210: Menneskeorientert design for interaktive systemer (ISO/FDIS 9241-210:2019)

*Ergonomics of human-system interaction - Part 210: Human-centred design for interactive systems (ISO/FDIS 9241-210:2019)*

Språk: en

Kommentarfrist: 24.05.2019

**prEN ISO 23495**

Industrial furnaces and associated processing equipment - Safety requirements for steel converter and associated equipment (ISO/DIS 23495:2019)

Språk: en

Kommentarfrist: 18.07.2019

**prEN ISO 28927-13**

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO/DIS 28927-13:2019)

Språk: en

Kommentarfrist: 07.06.2019



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

**ISO/DIS 2889**

*Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities*

Språk: en

Kommentarfrist: 06.07.2019

**ISO/DIS 10872**

*Water quality -- Determination of the toxic effect of sediment and soil samples on growth, fertility and reproduction of *Caenorhabditis elegans* (Nematoda)*

Språk: en

Kommentarfrist: 26.06.2019

**ISO/DIS 10872**

*Water and soil quality -- Determination of the toxic effect of sediment and soil samples on growth, fertility and reproduction of *Caenorhabditis elegans* (Nematoda)*

Språk: en

Kommentarfrist: 31.08.2019

**ISO/DIS 12039**

*Stationary source emissions -- Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas -- Performance characteristics of automated measuring systems*

Språk: en

Kommentarfrist: 11.07.2019

**ISO/DIS 13571-1**

*Life-threatening components of fire -- Part 1: Guidelines for the estimation of time to compromised tenability in fires*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 14002-1**

*Environmental management systems -- Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area -- Part 1: General*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 14016**

Miljøledelse - Retningslinjer for sikring av miljørapporter

*Environmental management -- Guidelines on assurance of environmental reports*

Språk: en

Kommentarfrist: 31.05.2019

**ISO/DIS 14063**

Miljøledelse - Miljøkommunikasjon - Retningslinjer og eksempler

*Environmental management -- Environmental communication -- Guidelines and examples*

Språk: en

Kommentarfrist: 13.05.2019

**ISO/DIS 14520-5**

*Gaseous fire-extinguishing systems -- Physical properties and system design -- Part 5: FK-5-1-12 extinguishant*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 14520-8**

*Gaseous fire-extinguishing systems -- Physical properties and system design -- Part 8: HFC 125 extinguishant*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 14520-9**

*Gaseous fire-extinguishing systems -- Physical properties and system design -- Part 9: HFC 227ea extinguishant*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 14520-10**

*Gaseous fire-extinguishing systems -- Physical properties and system design -- Part 10: HFC 23 extinguishant*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 20785-1**

*Dosimetry for exposures to cosmic radiation in civilian aircraft -- Part 1: Conceptual basis for measurements*

Språk: en

Kommentarfrist: 22.06.2019

**ISO/DIS 20785-2**

*Dosimetry for exposures to cosmic radiation in civilian aircraft -- Part 2: Characterization of instrument response*

Språk: en

Kommentarfrist: 08.07.2019

**ISO/DIS 21741**

*Stationary source emissions -- Sampling and determination of mercury compounds in flue gas using gold amalgamation trap*

Språk: en

Kommentarfrist: 05.07.2019

**ISO/DIS 24527**

*Service activities relating to drinking water supply, wastewater and stormwater systems -- Guidelines on alternative drinking water service provision during a crisis*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 37156**

*Guidelines on data exchange and sharing for smart community infrastructures*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 37160**

*Smart community infrastructure -- Measurement methods for quality of thermal power station infrastructure and requirements for plant operations and management*

Språk: en

Kommentarfrist: 16.07.2019

**ISO/DIS 37161**

*Smart community infrastructures -- Guidance on smart transportation for energy saving in transportation services in cities*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 37162**

*Smart community infrastructures -- Smart transportation for newly- developing areas*

Språk: en

Kommentarfrist: 04.06.2019

**ISO-standarder**

**ISO 6182-12:2019**

*Fire protection -- Automatic sprinkler systems -- Part 12: Requirements and test methods for grooved-end components for steel pipe systems*

Språk: en

Erstatter A00008:20:064257

**ISO 9698:2019**

*Water quality -- Tritium -- Test method using liquid scintillation counting*

Språk: en

Erstatter A00008:20:051944

**ISO 13851:2019**

*Safety of machinery -- Two-hand control devices -- Principles for design and selection*

Språk: en

Erstatter A00008:20:035560

**ISO 19085-9:2019**

*Woodworking machines -- Safety -- Part 9: Circular saw benches (with and without sliding table)*

Språk: en

**ISO 21927-4:2019**

*Smoke and heat control systems -- Part 4: Natural smoke and heat exhaust ventilators -- Design, requirements and installation*

Språk: en

**ISO 22568-1:2019**

*Foot and leg protectors -- Requirements and test methods for footwear components -- Part 1: Metallic toecaps*

Språk: en

**ISO 22568-2:2019**

*Foot and leg protectors -- Requirements and test methods for footwear component -- Part 2: Non-metallic toecaps*

Språk: en

**ISO 22568-3:2019**

*Foot and leg protectors -- Requirements and test methods for footwear components -- Part 3: Metallic perforation resistant inserts*

Språk: en

**ISO 22568-4:2019**

*Foot and leg protectors -- Requirements and test methods for footwear components -- Part 4: Non-metallic perforation resistant inserts*

Språk: en

**ISO/TR 20118:2019**

*Plastics -- Guidance on fire characteristics and fire performance of PVC materials used in building applications*

Språk: en

**ISO/TR 22463:2019**

*Patient and client eye protectors for use during laser or intense light source (ILS) procedures -- Guidance*

Språk: en

**ISO/TR 23107:2019**

*Criteria for assessment of new extinguishants for inclusion in the ISO 14520 series*

Språk: en

**ISO/TS 14198:2019**

*Road vehicles -- Ergonomic aspects of transport information and control systems -- Calibration tasks for methods which assess driver demand due to the use of in-vehicle systems*

Språk: en

Erstatter A00008:20:054496

**ISO/TS 16976-3:2019**

*Respiratory protective devices -- Human factors -- Part 3: Physiological responses and limitations of oxygen and limitations of carbon dioxide in the breathing environment*

Språk: en

Erstatter A00008:20:046005

**ISO/TS 16976-4:2019**

*Respiratory protective devices -- Human factors -- Part 4: Work of breathing and breathing resistance: Physiologically based limits*

Språk: en

Erstatter A00008:20:053361

**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 22100-1:2017**

*Safety of machinery - Relationship with ISO 12100 - Part 1: How ISO 12100 relates to type-B and type-C standards (ISO/TR 22100-1:2015)*

Språk: en

**CEN ISO/TS 14027:2018**

*Environmental labels and declarations - Development of product category rules (ISO/TS 14027:2017)*

Språk: en

**CEN ISO/TS 21623:2017**

*Arbeidsplassluft - Vurdering av hudens eksponering for nanoobjekter og deres aggregater og agglomerater (NOAA) (ISO/PRF 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 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 15419:2017**

*Protective clothing - Guidelines for selection, use, care and maintenance of chemical protective clothing*

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 17179:2018**

*Thermoplastics piping and ducting systems - Rainwater infiltration and storage attenuation systems - Practices for underground installation*

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 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 15119-1:2018**

*Durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) - Laboratory method*

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

**Fastsatte norske standarder****NS 3960:2019**

Brannalarmanlegg - Prosjektering, installasjon, drift og vedlikehold

*Fire detection and fire alarm systems - Design, installation, operation and maintenance*

Språk: no

**NS-EN 81-28:2018+AC:2019**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*

Språk: en

**NS-EN 12873-3:2019**

Materialers påvirkning på drikkevann - Påvirkning som følge av migrering - Del 3: Prøvmingsmetode for ionebytting og absorbering av resiner

*Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins*

Språk: en

**NS-EN 14702-3:2019**

Karakterisering av slam - Sedimenteringsegenskaper - Del 3: Bestemmelse av sonesedimenterings hastighet (ZSV)

*Characterisation of sludges - Settling properties - Part 3: Determination of zone settling velocity (ZSV)*

Språk: en

**NS-EN 16167:2018+AC:2019**

Jord, behandlet organisk avfall og slam - Bestemmelse av polyklorinerte bifenyler (PCB) ved bruk av gasskromatografi med massesелеksjonsdeteksjon (GC-MS) og gasskromatografi med elektronfangstdeteksjon (GC-ECD)

*Soil, treated biowaste and sludge - Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)*

Språk: en

**NS-EN 16402:2019**

Maling og lakk - Bestemmelse av utskillelse av stoffer fra belegg til inneluft - Prøvetaking, kondisjonering og prøving

*Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing*

Språk: en

**NS-EN 16925:2018+NA:2019**

Faste brannsløkkesystemer - Automatiske boligsprinklersystemer - Dimensjonering, installering og vedlikehold

*Fixed firefighting systems - Automatic residential sprinkler systems - Design, installation and maintenance*

Språk: en

**NS-EN 17136:2019**

Vannundersøkelse - Veiledning i felt- og laboratorieprosedyrer for kvantitativ analyse og identifikasjon av makroinvertebrater fra ferskvann

*Water quality - Guidance on field and laboratory procedures for quantitative analysis and identification of macroinvertebrates from inland surface waters*

Språk: en

**NS-EN ISO 7027-2:2019**

Vannundersøkelse - Bestemmelse av turbiditet - Del 2: Semikvantitative metoder for vurdering av gjennomsiktighet i vann (ISO 7027-2:2019)

*Water quality - Determination of turbidity - Part 2: Semi-quantitative methods for the assessment of transparency of waters (ISO 7027-2:2019)*

Språk: en

**NS-EN ISO 10819:2013/A1:2019**

Endring 1 - Mekaniske vibrasjoner og støt - Hånd-arm-vibrasjoner - Metode for måling og vurdering av vibrasjonsoverføring via hansker ved håndflaten (ISO 10819:2013/Amd 1:2019)

*Amendment 1 - Mechanical vibration and shock - Hand-arm vibration - Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (ISO 10819:2013/Amd 1:2019)*

Språk: en

**NS-EN ISO 14064-1:2019**

Klimagasser - Del 1: Spesifikasjon med veiledning på organisasjonsnivå for kvantifisering og rapportering av utslipp og fjerning av klimagasser (ISO 14064-1:2018)

*Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1:2018)*

Språk: en

**NS-EN ISO 17892-11:2019**

Geotekniske felt- og laboratorieundersøkelser - Laboratorieprøving av jord - Del 11: Permeabilitetsprøvinger (ISO 17892-11:2019)

*Geotechnical investigation and testing - Laboratory testing of soil - Part 11: Permeability tests (ISO 17892-11:2019)*

Språk: en

**NS-EN ISO 19353:2019**

Maskinsikkerhet - Forebyggende brannvern og beskyttelse (ISO 19353:2019)

*Safety of machinery - Fire prevention and fire protection (ISO 19353:2019)*

Språk: en

**Tilbaketrukne norske standarder**

**NS 3960:2013**

Brannalarmanlegg - Prosjektering, installasjon, drift og vedlikehold

*Fire detection and fire alarm systems - Design, installation, operation and maintenance*

Språk: no

Ingen erstatning

**NS-EN 81-28:2018**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*

Språk: en

Ingen erstatning

**NS-EN 12873-3:2006**

Materialers påvirkning på drikkevann - Påvirkning som følge av migrering - Del 3: Prøvmingsmetode for ionebytting og absorbering av resinat

*Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins*

Språk: en

Ingen erstatning

**NS-EN 16167:2018**

Jord, behandlet organisk avfall og slam - Bestemmelse av polyklorinerte bifenyler (PCB) ved bruk av gasskromatografi med massesелеksjonsdeteksjon (GC-MS) og gasskromatografi med elektronfangstdeteksjon (GC-ECD)

*Soil, treated biowaste and sludge - Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)*

Språk: en

Ingen erstatning

**NS-EN 16402:2013**

Maling og lakk - Bestemmelse av utskillelse av stoffer fra belegg til inneluft - Prøvetaking, kondisjonering og prøving

*Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing*

Språk: en

Ingen erstatning

**NS-EN ISO 14064-1:2012**

Klimagasser - Del 1: Spesifikasjon med veiledning på organisasjonsnivå for kvantifisering og rapportering av utslipp og fjerning av klimagasser (ISO 14064-1:2006)

*Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1:2006)*

Språk: en

Ingen erstatning

**NS-EN ISO 19353:2016**

Maskinsikkerhet - Forebyggende brannvern og beskyttelse (ISO 19353:2015)

*Safety of machinery - Fire prevention and fire protection (ISO 19353:2015)*

Språk: en

Ingen erstatning

**NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: en

Ingen erstatning

**NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: no

Ingen erstatning

## 17 Metrologi og måling. Fysiske fenomener

### Standardforslag til høring - europeiske (CEN)

**prEN ISO 12999-1**

Akustikk - Bestemmelse og bruk av måleusikkerhet i bygningsakustikk - Del 1: Lydisolasjon (ISO/DIS 12999-1:2019)

*Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO/DIS 12999-1:2019)*

Språk: en

Kommentarfrist: 27.05.2019



**prEN ISO 20456**

*Measurement of fluid flow in closed conduits - Guidance for the use of electromagnetic flowmeters for conductive liquids (ISO 20456:2017)*

Språk: en

Kommentarfrist: 18.07.2019

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

**ISO/DIS 4360**

*Hydrometry -- Liquid flow measurement in open channels by weirs and flumes -- Triangular profile weirs*

Språk: en

Kommentarfrist: 08.07.2019

**ISO/DIS 4360**

*Hydrometry -- Open channel flow measurement using triangular profile weirs*

Språk: en

Kommentarfrist: 12.09.2019

**ISO/DIS 12999-1**

*Akustikk - Bestemmelse og bruk av måleusikkerhet i bygningsakustikk - Del 1: Lydisolasjon*

*Acoustics -- Determination and application of measurement uncertainties in building acoustics -- Part 1: Sound insulation*

Språk: en

Kommentarfrist: 27.05.2019

**ISO/DIS 12999-1**

*Acoustics -- Determination and application of measurement uncertainties in building acoustics -- Part 1: Sound insulation*

Språk: en

Kommentarfrist: 01.08.2019

**ISO/DIS 16610-29**

*Geometrical product specifications (GPS) -- Filtration -- Part 29: Linear profile filters: wavelets*

Språk: en

Kommentarfrist: 31.05.2019

**ISO/DIS 18436-1**

*Condition monitoring and diagnostics of machine systems -- Requirements for certification of personnel -- Part 1: Sector specific requirements for certification bodies and the certification process*

Språk: en

Kommentarfrist: 01.06.2019

**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/TR 16791:2017**

*Quantifying irradiance for eye-mediated non-image-forming effects of light in humans*

Språk: en

**Fastsatte norske standarder**

**NS-EN 1434-5:2015+A1:2019**

*Termiske energimålere - Del 5: Mottaksprøving*

*Thermal energy meters - Part 5: Initial verification tests*

Språk: en

**NS-EN 1434-6:2015+A1:2019**

Termiske energimålere - Del 6: Installering, ferdigstilling, driftsovervåkning og vedlikehold  
*Thermal energy meters - Part 6: Installation, commissioning, operational monitoring and maintenance*  
Språk: en

**NS-EN ISO 14405-2:2019**

Geometriske produktspesifikasjoner (GPS) - Dimensjonstoleranser - Del 2: Andre dimensjoner enn lineære størrelser eller vinkelstørrelser (ISO 14405-2:2018)  
*Geometrical product specifications (GPS) - Dimensional tolerancing - Part 2: Dimensions other than linear or angular sizes (ISO 14405-2:2018)*  
Språk: en

**NS-EN ISO 17201-3:2019**

Akustikk - Støy fra skytebaner - Del 3: Beregning av lydutbredelse (ISO 17201-3:2019)  
*Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)*  
Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 1434-5:2015**

Varmemålere - Del 5: Mottaksprøving  
*Heat meters - Part 5: Initial verification tests*  
Språk: en  
Ingen erstatning

**NS-EN 1434-6:2015**

Varmemålere - Del 6: Installering, ferdigstilling, driftsovervåkning og vedlikehold  
*Heat meters - Part 6: Installation, commissioning, operational monitoring and maintenance*  
Språk: en  
Ingen erstatning

**NS-EN ISO 14405-2:2011**

Geometriske produktspesifikasjoner (GPS) - Dimensjonstoleranser - Del 2: Andre dimensjoner enn lineære størrelser (ISO 14405-2:2011)  
*Geometrical product specifications (GPS) - Dimensional tolerancing - Part 2: Dimensions other than linear sizes (ISO 14405-2:2011)*  
Språk: en  
Ingen erstatning

**NS-EN ISO 17201-3:2010**

Akustikk - Støy fra skytebaner - Del 3: Retningslinjer for beregning av lydutbredelse (ISO 17201-3:2010)  
*Acoustics - Noise from shooting ranges - Part 3: Guidelines for sound propagation calculations (ISO 17201-3:2010)*  
Språk: en  
Ingen erstatning

## 19 Prøving

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

**prEN 12543-2**

Ikke-destruktiv prøving - Karakteristikker av brennflekker i industrielle radiografisystemer brukt ved ikke-destruktiv prøving - Del 2: Radiografimetode med bolthullkamera  
*Non-destructive testing - Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing - Part 2: Pinhole camera radiographic method*  
Språk: en  
Kommentarfrist: 20.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 13320***Particle size analysis -- Laser diffraction methods*

Språk: en

Kommentarfrist: 01.06.2019

**ISO/DIS 21501-2***Determination of particle size distribution -- Single particle light interaction methods -- Part 2: Light scattering liquid-borne particle counter*

Språk: en

Kommentarfrist: 20.05.2019

**ISO/DIS 21501-3***Determination of particle size distribution -- Single particle light interaction methods -- Part 3: Light extinction liquid-borne particle counter*

Språk: en

Kommentarfrist: 20.05.2019

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

Språk: en

**CEN/TR 17108:2017***Non-destructive testing - Lighting in penetrant and magnetic particle testing, good practice*

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 17100:2017***Non-destructive testing - Penetrant testing - Reference photographs and sizing of indications*

Språk: en

**21 Mekaniske systemer og komponenter til allmenn bruk****Standardforslag til høring - europeiske (CEN)****prEN 13001-3-7***Cranes - General design - Part 3-7: Limit states and proof of competence of machinery - Gears and gear boxes*

Språk: en

Kommentarfrist: 30.05.2019

**prEN ISO 2702***Fasteners - Heat-treated steel tapping screws - Mechanical and physical properties (ISO/DIS 2702:2019)*

Språk: en

Kommentarfrist: 21.06.2019

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

**ISO/DIS 1328-2**

*Cylindrical gears -- ISO system of flank tolerance classification -- Part 2: Definitions and allowable values of double flank radial composite deviations*

Språk: en

Kommentarfrist: 20.06.2019

**ISO-standarder**

**ISO 155:2019**

*Belt drives -- Pulleys -- Limiting values for adjustment of centres*

Språk: en

Erstatter A00008:20:025449

**ISO 4386-1:2019**

*Plain bearings -- Metallic multilayer plain bearings -- Part 1: Non-destructive ultrasonic testing of bond of thickness greater than or equal to 0,5 mm*

Språk: en

Erstatter A00008:20:057028

**ISO 4386-2:2019**

*Plain bearings -- Metallic multilayer plain bearings -- Part 2: Destructive testing of bond for bearing metal layer thicknesses greater than or equal to 2 mm*

Språk: en

Erstatter A00008:20:057029

**ISO 7905-3:2019**

*Plain bearings -- Bearing fatigue -- Part 3: Test on plain strips of a metallic multilayer bearing material*

Språk: en

Erstatter A00008:20:014866

**ISO 12129-1:2019**

*Plain bearings -- Tolerances -- Part 1: Fits*

Språk: en

Erstatter A00008:20:020996

**ISO 12129-2:2019**

*Plain bearings -- Tolerances -- Part 2: Tolerances on form and position and surface roughness for shafts and thrust collars*

Språk: en

Erstatter A00008:20:021337

**ISO 19349:2019**

*Plain bearings with liquid lubrication -- Lubricant supply arrangements and monitoring*

Språk: en

**ISO 21342:2019**

*Synchronous belt drives -- Automotive belts and pulleys*

Språk: en

Erstatter A00008:20:021431,A00008:20:021432

**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

## 23 Hydrauliske systemer og komponenter til allmenn bruk

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

#### **EN 1440:2016+A1:2018/prA2:2019**

LPG-utstyr og tilbehør - Transportable påfyllbare sveiste og slagloddede stålflasker for flytende petroleumsgass (LPG) - Periodisk kontroll

*LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection*

Språk: en

Kommentarfrist: 06.06.2019

#### **EN 13445-3:2014/prA15**

Ikke-fyrte trykkbeholdere - Del 3: Konstruksjon

*Unfired pressure vessels - Part 3: Design*

Språk: en

Kommentarfrist: 04.07.2019

#### **EN 13476-2:2018/prA1**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 2: Krav til rør og rørdeler med glatt invendig og utvendig overflate og til system, type A

*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 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A*

Språk: en

Kommentarfrist: 27.06.2019

#### **EN 13476-3:2018/prA1**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 3: Krav til rør og rørdeler med glatt innvendig overflate og profilert utvendig overflate og til system, type B

*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 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B*

Språk: en

Kommentarfrist: 27.06.2019

#### **EN 13480-2:2017/prA7**

Metalliske industrielle rørsystemer - Del 2: Materialer

*Metallic industrial piping - Part 2: Materials*

Språk: en

Kommentarfrist: 30.05.2019

#### **EN 13480-3:2017/prA1**

Metalliske industrielle rørsystemer - Del 3: Konstruksjon og beregning

*Metallic industrial piping - Part 3: Design and calculation*

Språk: en

Kommentarfrist: 30.05.2019

### **EN 13480-3:2017/prA2**

Metalliske industrielle rørsystemer - Del 3: Konstruksjon og beregning

*Metallic industrial piping - Part 3: Design and calculation*

Språk: en

Kommentarfrist: 30.05.2019

### **EN 13480-3:2017/prA3**

Metalliske industrielle rørsystemer - Del 3: Konstruksjon og beregning

*Metallic industrial piping - Part 3: Design and calculation*

Språk: en

Kommentarfrist: 30.05.2019

### **EN 16728:2016+A1:2018/prA2:2019**

LPG-utstyr og tilbehør - Transportable påfyllbare LPG-flasker unntatt sveiste og slagloddede stålflasker - Periodisk kontroll

*LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection*

Språk: en

Kommentarfrist: 06.06.2019

### **EN ISO 10893-3:2011/prA1**

Ikke-destruktiv prøving av stålør - Del 3: Automatisk flux-lekkasjefeltprøving av sømløse og sveiste (unntatt pulverbuesveiste) ferromagnetiske stålør rundt hele omkretsen for påvisning av langsgående og/eller tverrgående uregelmessigheter - Endringsblad 1 (ISO 10893-3:2011/DAM 1:2019)

*Non-destructive testing of steel tubes - Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections - Amendment 1 (ISO 10893-3:2011/DAM 1:2019)*

Språk: en

Kommentarfrist: 20.06.2019

### **EN ISO 21809-3:2016/prA1**

Petroleums- og naturgassindustri - Eksterne belegg for nedgravde eller nedsenkede rørledninger brukt i rørledningstransportsystemer - Del 3: Fellesbelegg - Endringsblad 1 (ISO 21809-3:2016/DAMd 1:2019)

*Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - Amendment 1 (ISO 21809-3:2016/DAMd 1:2019)*

Språk: en

Kommentarfrist: 08.07.2019

### **prEN 10217-7**

Sveiste stålør for trykkpåkjent utstyr - Tekniske leveringsbetingelser - Del 7: Rustfrie rør

*Welded steel tubes for pressure purposes - Technical delivery conditions - Part 7: Stainless steel tubes*

Språk: en

Kommentarfrist: 09.05.2019

### **prEN 13121-1**

GRP tanks and vessels for use above ground - Part 1: Raw materials - Specification conditions and acceptance criteria

Språk: en

Kommentarfrist: 11.07.2019

### **prEN 15096**

Beskyttelsesutstyr for å hindre forurensning av drikkevann ved tilbakestrømning - Slangekobling med vakuumentil - DN 15 til DN 25 inklusiv gruppe H, type B og type D - Generelle tekniske krav

*Devices to prevent pollution by backflow of potable water - Hose Union anti-vacuum valves - DN 15 to DN 25 inclusive Family H, type B and type D - General technical specification*

Språk: en

Kommentarfrist: 20.06.2019

### **prEN ISO 1403**

Tekstilforsterkede gummislanger for vann til vanlig bruk - Krav (ISO/DIS 1403:2019)

*Rubber hoses, textile-reinforced, for general-purpose water applications - Specification (ISO/DIS 1403:2019)*

Språk: en

Kommentarfrist: 24.05.2019

### **prEN ISO 8659**

Ventiler av termoplast - Utmattingsfasthet - Prøvmingsmetode (ISO/DIS 8659:2019)

*Thermoplastics valves - Fatigue strength - Test method (ISO/DIS 8659:2019)*

Språk: en

Kommentarfrist: 28.06.2019

### **prEN ISO 11114-1**

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO/DIS 11114-1:2019)

Språk: en

Kommentarfrist: 16.07.2019

### **prEN ISO 12759-5**

Fans - Efficiency classification for fans - Part 5: Jet fans (ISO/DIS 12759-5:2019)

Språk: en

Kommentarfrist: 18.06.2019

### **prEN ISO 19879**

*Metallic tube connections for fluid power and general use - Test methods for hydraulic fluid power connections (ISO/DIS 19879:2019)*

Språk: en

Kommentarfrist: 31.05.2019

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

#### **ISO/DIS 1436**

Rubber hoses and hose assemblies - Wire braid reinforced hydraulic type - Specification [Revision of third edition (ISO 1436:1991)]

*Rubber hoses and hose assemblies - Wire braid reinforced hydraulic type - Specification [Revision of third edition (ISO 1436:1991)]*

Språk: en

Kommentarfrist: 01.07.2019

#### **ISO/DIS 3862**

Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification [Revision of second edition (ISO 3862:1991)]

*Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification [Revision of second edition (ISO 3862:1991)]*

Språk: en

Kommentarfrist: 03.07.2019

#### **ISO/DIS 4079**

Rubber hoses and hose assemblies - Textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 4079:1991)]

*Rubber hoses and hose assemblies - Textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 4079:1991)]*

Språk: en

Kommentarfrist: 02.07.2019

#### **ISO/DIS 7369**

*Pipework - Flexible metallic hoses - Vocabulary of general terms*

Språk: en

Kommentarfrist: 22.07.2019

#### **ISO/DIS 8659**

*Thermoplastics valves -- Fatigue strength -- Test method*

Språk: en

Kommentarfrist: 28.06.2019

### **ISO/DIS 10770-3**

*Hydraulic fluid power -- Electrically modulated hydraulic control valves -- Part 3: Test methods for pressure control valves*

Språk: en

Kommentarfrist: 10.07.2019

### **ISO/DIS 11114-1**

*Gas cylinders -- Compatibility of cylinder and valve materials with gas content -- Part 1: Metallic materials*

Språk: en

Kommentarfrist: 20.09.2019

### **ISO/DIS 11114-1**

*Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials*

Språk: en

Kommentarfrist: 16.07.2019

### **ISO/DIS 12176-5**

*Plastics pipes and fittings -- Equipment for fusion jointing polyethylene systems -- Part 5: Two-dimensional data coding of components and data exchange format for PE piping systems*

Språk: en

Kommentarfrist: 21.06.2019

### **ISO/DIS 19879**

*Metallic tube connections for fluid power and general use -- Test methods for hydraulic fluid power connections*

Språk: en

Kommentarfrist: 31.05.2019

### **ISO/DIS 21138-1**

*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 1: Material specification and performance criteria for pipes, fittings and the system*

Språk: en

Kommentarfrist: 10.06.2019

### **ISO-standarder**

#### **ISO 6149-1:2019**

*Connections for hydraulic fluid power and general use -- Ports and stud ends with ISO 261 metric threads and O-ring sealing -- Part 1: Ports with truncated housing for O-ring seal*

Språk: en

Erstatter A00008:20:039281

#### **ISO 12759-2:2019**

*Fans -- Efficiency classification for fans -- Part 2: Standard losses for drive components*

Språk: en

Erstatter A00008:20:051665,A00008:20:062986

#### **ISO 12759-3:2019**

*Fans -- Efficiency classification for fans -- Part 3: Fans without drives at maximum operating speed*

Språk: en

Erstatter A00008:20:051665,A00008:20:062986

#### **ISO 16358-1:2013/Amd 1:2019**

Språk: en

#### **ISO/TR 16494-2:2019**

*Heat recovery ventilators and energy recovery ventilators -- Method of test for performance -- Part 2: Assessment of measurement uncertainty of performance parameters*

Språk: en



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

*Multilayer piping systems for hot and cold water installations inside buildings -- Part 7: Guidance for the assessment of conformity*

Språk: en

Erstatter A00008:20:046528,A00008:20:055271

### **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 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 13121-5:2017**

Herdeplasttanker og -beholdere til bruk over bakken - Del 5: Beregningseskempe for en herdeplastbeholder

*GRP tanks and vessels for use above ground - Part 5: Example calculation of a GRP-vessel*

Språk: en

#### **CEN/TR 13480-7:2017**

*Metallic industrial piping - Part 7: Guidance on the use of conformity assessment procedures*

Språk: en

#### **CEN/TR 14585-3:2017**

*Corrugated metal hose assemblies for pressure applications - Part 3: Design method*

Språk: en

#### **CEN/TR 17179:2018**

*Thermoplastics piping and ducting systems - Rainwater infiltration and storage attenuation systems - Practices for underground installation*

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 13445-501:2018**

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

Språk: en

### **CEN/TS 15223:2017**

*Plastics piping systems - Validated design parameters of buried thermoplastics piping systems*

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 ISO 11296-7:2019**

Rørledninger av plast for rehabilitering av trykløse avløpsledninger i grunnen - Del 7: Føring med spiralførmede rør (ISO 11296-7:2019)

*Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2019)*

Språk: en

#### **NS-EN ISO 14414:2019**

Energivurdering av pumpesystemer (ISO/ASME 14414:2019)

*Pump system energy assessment (ISO/ASME 14414:2019)*

Språk: en

### **Tilbaketrukne norske standarder**

#### **NS-EN ISO 11296-7:2013**

Rørledninger av plast for rehabilitering av trykløse avløpsledninger i grunnen - Del 7: Føring med spiralførmede rør (ISO 11296-7:2011)

*Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2011)*

Språk: en

Ingen erstatning

#### **NS-EN ISO 14414:2015**

Energivurdering av pumpesystemer (ISO/ASME 14414:2015)

*Pump system energy assessment (ISO/ASME 14414:2015)*

Språk: en

Ingen erstatning

#### **NS-EN ISO 14414:2015/A1:2016**

Endringsblad A1 - Energivurdering av pumpesystemer (ISO 14414:2015/Amd 1:2016)

*Amendment A1 - Pump system energy assessment (ISO 14414:2015/Amd 1:2016)*

Språk: en

Ingen erstatning

## 25 Produksjonsteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO 8289-1**

*Vitreous and porcelain enamels - Low-voltage test for detecting and locating defects - Part 1: Swab test for non-profiled surfaces (ISO/DIS 8289-1:2019)*

Språk: en

Kommentarfrist: 24.05.2019

#### **prEN ISO 14713-2**

*Sinkbelegg - Retningslinjer og anbefalinger for korrosjonsbeskyttelse av jern og stål i konstruksjoner - Del 2: Varmforsinking (ISO/DIS 14713-2:2019)*

*Zinc coatings - Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Part 2: Hot dip galvanizing (ISO/DIS 14713-2:2019)*

Språk: en

Kommentarfrist: 24.05.2019

#### **prEN ISO 23495**

*Industrial furnaces and associated processing equipment - Safety requirements for steel converter and associated equipment (ISO/DIS 23495:2019)*

Språk: en

Kommentarfrist: 18.07.2019

#### **prEN ISO 28927-13**

*Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO/DIS 28927-13:2019)*

Språk: en

Kommentarfrist: 07.06.2019

#### **prEN ISO/ASTM 52910**

*Additive manufacturing - Design - Requirements, guidelines and recommendations (ISO/ASTM 52910:2018)*

Språk: en

Kommentarfrist: 04.07.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 2106**

*Anodizing of aluminium and its alloys -- Determination of mass per unit area (surface density) of anodic oxidation coatings -- Gravimetric method*

Språk: en

Kommentarfrist: 23.06.2019

#### **ISO/DIS 8504-2**

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

Språk: en

Kommentarfrist: 09.05.2019

#### **ISO/DIS 19440**

*Virksomhetsintegrasjon - Grunnbegreper for virksomhetsmodellering*

*Enterprise integration -- Constructs for enterprise modelling*

Språk: en

Kommentarfrist: 04.06.2019

#### **ISO/DIS 26623-1**

*Polygonal taper interface with flange contact surface -- Part 1: Dimensions and designation of shanks*

Språk: en

Kommentarfrist: 28.06.2019

**ISO-standarder****ISO 2553:2019**

*Welding and allied processes -- Symbolic representation on drawings -- Welded joints*

Språk: en

Erstatter A00008:20:042192

**ISO 2772:2019**

*Test conditions for box type vertical drilling machines -- Testing of the accuracy*

Språk: en

Erstatter A00008:20:007753,A00008:20:007754

**ISO 5171:2019**

*Gas welding equipment -- Pressure gauges used in welding, cutting and allied processes*

Språk: en

Erstatter A00008:20:044987

**ISO 8289-2:2019**

*Vitreous and porcelain enamels -- Low-voltage test for detecting and locating defects -- Part 2: Slurry test for profiled surfaces*

Språk: en

**ISO 11177:2019**

*Vitreous and porcelain enamels -- Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply -- Quality requirements and testing*

Språk: en

Erstatter A00008:20:062853

**ISO 14174:2019**

*Welding consumables -- Fluxes for submerged arc welding and electroslag welding -- Classification*

Språk: en

Erstatter A00008:20:051249

**ISO 16300-2:2019**

*Automation systems and integration -- Interoperability of capability units for manufacturing application solutions -- Part 2: Capability templates and software unit cataloguing*

Språk: en

**ISO 20140-3:2019**

*Automation systems and integration -- Evaluating energy efficiency and other factors of manufacturing systems that influence the environment -- Part 3: Environmental performance evaluation data aggregation process*

Språk: en

**ISO 24598:2019**

*Welding consumables -- Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels -- Classification*

Språk: en

Erstatter A00008:20:057187

**ISO/TR 12998:2019**

*Mechanical joining -- Guidelines for fatigue testing of joints*

Språk: en

**ISO/TR 23482-2:2019**

*Robotics -- Application of ISO 13482 -- Part 2: Application guidelines*

Språk: en

**ISO/TS 13399-313:2019**

*Cutting tool data representation and exchange -- Part 313: Creation and exchange of 3D models -- Burrs*

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 14728:2019**

Uregelmessigheter i sveis i termoplaster - Klassifisering

*Imperfections in thermoplastic welds - Classification*

Språk: en

**NS-EN 17120:2019**

Fotokatalyse - Vannrensing - Fotokatalytiske materialers ytelse ved måling av fenolnedbrytning

*Photocatalysis - Water purification - Performance of photocatalytic materials by measurement of phenol degradation*

Språk: en

**NS-EN ISO 5178:2019**

Destruktiv prøving av sveis i metalliske materialer - Langsgående strekkprøving av sveisemetall i fusjonssveisede forbindelser (ISO 5178:2019)

*Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints (ISO 5178:2019)*

Språk: en

**NS-EN ISO 10111:2019**

Metalliske og andre uorganiske belegg - Målinger av masse per enhetsareal - Gjennomgang av gravimetrisk og kjemiske analysemetoder (ISO 10111:2019)

*Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods (ISO 10111:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 14728:2005**

Uregelmessigheter i sveis i termoplaster - Klassifisering

*Imperfections in thermoplastic welds - Classification*

Språk: en

Ingen erstatning

**NS-EN ISO 5178:2011**

Destruktiv prøving av sveis i metalliske materialer - Langsgående strekkprøving av sveisemetall i fusjonssveisede forbindelser (ISO 5178:2001)

*Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints (ISO 5178:2001)*

Språk: en

Ingen erstatning

**NS-EN ISO 10111:2001**

Metalliske og andre uorganiske belegg - Målinger av masse per enhetsareal - Gjennomgang av gravimetrisk og kjemiske analysemetoder (ISO 10111:2000)

*Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods (ISO 10111:2000)*

Språk: en

Ingen erstatning

## 27 Energi- og varmeoverføringsteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN 14222**

Elektriske dampkjeler av rustfritt stål

*Stainless steel shell boilers*

Språk: en

Kommentarfrist: 04.07.2019

#### **prEN ISO 21404**

*Solid biofuels - Determination of ash melting behaviour (ISO/DIS 21404:2019)*

Språk: en

Kommentarfrist: 23.05.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 16795**

*Nuclear energy -- Determination of Gd<sub>2</sub>O<sub>3</sub> content of gadolinium fuel pellets by X-ray fluorescence spectrometry*

Språk: en

Kommentarfrist: 23.05.2019

#### **ISO/DIS 21404**

*Solid biofuels -- Determination of ash melting behaviour*

Språk: en

Kommentarfrist: 23.05.2019

#### **ISO/DIS 21905**

*Gas turbine exhaust systems with or without waste heat recovery*

Språk: en

Kommentarfrist: 23.05.2019

#### **ISO/DIS 37160**

*Smart community infrastructure -- Measurement methods for quality of thermal power station infrastructure and requirements for plant operations and management*

Språk: en

Kommentarfrist: 16.07.2019

#### **ISO/DIS 50004**

*Energy management systems -- Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system*

Språk: en

Kommentarfrist: 05.07.2019

#### **ISO/DIS 50049**

*Calculation methods for energy efficiency and energy consumption variations at country, region and city levels: relation to energy savings and other factors*

Språk: en

Kommentarfrist: 18.07.2019

### ISO-standarder

#### **ISO 2710-2:2019**

*Reciprocating internal combustion engines -- Vocabulary -- Part 2: Terms for engine maintenance*

Språk: en

Erstatter A00008:20:021934

**ISO 16358-1:2013/Amd 1:2019**

Språk: en

**ISO 19967-1:2019**

*Heat pump water heaters -- Testing and rating for performance -- Part 1: Heat pump water heater for hot water supply*

Språk: en

**Rapporter fra CEN (CR)**

**CEN/TR 15316-6-6:2017**

*Energy performance of buildings - Method for calculation of system energy performance and system efficiencies - Part 6-6: Explanation and justification of EN 15316-4-3, Module M3-8-3, M8-8-3*

Språk: en

**CEN/TR 15316-6-9:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-9: Explanation and justification of EN 15316-4-8, Module M3-8-8*

Språk: en

**CEN/TR 15316-6-1:2017**

*Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies - Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4*

Språk: en

**CEN/TR 15316-6-7:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4*

Språk: en

**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-ISO 50046:2019**

*Generelle metoder for å beregne energibesparelser*

*General methods for predicting energy savings*

Språk: en

## 33 Telekommunikasjon. Lyd- og videoteknikk

**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

## 35 Informasjonsteknologi. Kontormaskiner

### Standardforslag til høring - europeiske (CEN)

#### **prEN 1064**

Helseinformatikk - Standard kommunikasjonsprotokoll - Dataassistert elektrokardiografi  
*Health informatics - Standard communication protocol - Computer-assisted electrocardiography*

Språk: en

Kommentarfrist: 06.06.2019

#### **prEN 1064**

Helseinformatikk - Standard kommunikasjonsprotokoll - Dataassistert elektrokardiografi  
*Health informatics - Standard communication protocol - Computer-assisted electrocardiography*

Språk: en

Kommentarfrist: 06.06.2019

#### **prEN 16234-1:2019**

*e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all industry sectors - Part 1: Framework*

Språk: en

Kommentarfrist: 18.07.2019

#### **prEN ISO 9241-210**

Ergonomi for samhandling mellom menneske og system - Del 210: Menneskeorientert design for interaktive systemer (ISO/FDIS 9241-210:2019)

*Ergonomics of human-system interaction - Part 210: Human-centred design for interactive systems (ISO/FDIS 9241-210:2019)*

Språk: en

Kommentarfrist: 24.05.2019

#### **prEN ISO 23387**

*Building Information Modelling (BIM) - Data templates for construction objects used in the life cycle of any built asset - Concepts and principles (ISO/DIS 23387:2019)*

Språk: en

Kommentarfrist: 05.06.2019

#### **prEN ISO 25066**

*Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for Usability - Evaluation Report (ISO/IEC 25066:2016)*

Språk: en

Kommentarfrist: 04.07.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 19116**

*Geographic information -- Positioning services*

Språk: en

Kommentarfrist: 31.05.2019

#### **ISO/DIS 19131**

*Geographic information -- Data product specification*

Språk: en

Kommentarfrist: 16.07.2019

#### **ISO/DIS 19131**

*Geographic information -- Data product specifications*

Språk: en

Kommentarfrist: 20.09.2019



**ISO/DIS 19161-1**

*Geographic information -- Geodetic references -- Part 1: The international terrestrial reference system (ITRS)*

Språk: en

Kommentarfrist: 11.06.2019

**ISO/DIS 22894**

*Traditional Chinese medicine -- Pulse waveform format*

Språk: en

Kommentarfrist: 24.05.2019

**ISO/DIS 23387**

*Building Information Modelling (BIM) -- Data templates for construction objects used in the life cycle of any built asset -- Concepts and principles*

Språk: en

Kommentarfrist: 05.06.2019

**ISO/DIS 24613-2**

*Language resource management -- Lexical markup framework (LMF) -- Part 2: Machine Readable Dictionary (MRD) model*

Språk: en

Kommentarfrist: 29.05.2019

**ISO-standarder**

**ISO 16684-1:2019**

*Graphic technology -- Extensible metadata platform (XMP) -- Part 1: Data model, serialization and core properties*

Språk: en

Erstatter A00008:20:057421

**ISO/TR 22086-1:2019**

*Intelligent transport systems (ITS) -- Network based precise positioning infrastructure for land transportation -- Part 1: General information and use case definitions*

Språk: en

**ISO/TS 13399-313:2019**

*Cutting tool data representation and exchange -- Part 313: Creation and exchange of 3D models -- Burrs*

Språk: en

**ISO/TS 16843-5:2019**

*Health Informatics -- Categorical structures for representation of acupuncture -- Part 5: Cupping*

Språk: en

**ISO/TS 21189:2019**

*Intelligent transport systems -- Cooperative ITS -- Test requirements and protocol implementation conformance statement (PICS) pro forma for ISO/TS 17426*

Språk: en

**Rapporter fra CEN (CR)**

**CEN ISO/TR 16401-1:2018**

*Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 1: Test suite structure and test purposes (ISO/TR 16401-1:2018)*

Språk: en

**CEN ISO/TS 17429:2017**

*Intelligent transport systems - Cooperative ITS - ITS station facilities for the transfer of information between ITS stations (ISO/TS 17429:2017)*

Språk: en

**CEN ISO/TS 17444-1:2017**

*Electronic fee collection - Charging performance - Part 1: Metrics (ISO/TS 17444-1:2017)*

Språk: en

**CEN ISO/TS 17444-2:2017**

*Electronic fee collection - Charging performance - Part 2: Examination framework (ISO/TS 17444-2:2017)*

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 19844:2017**

*Health informatics - Identification of medicinal products - Implementation guidelines for data elements and structures for the unique identification and exchange of regulated information on substances (ISO/TS 19844:2016)*

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 21719-1:2018**

*Electronic fee collection - Personalization of on-board equipment (OBE) - Part 1: Framework (ISO/TS 21719-1:2018)*

Språk: en

**CEN ISO/TS 21719-2:2018**

*Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2018)*

Språk: en

**CEN/TR 16931-4:2017**

*Electronic invoicing - Part 4: Guidelines on interoperability of electronic invoices at the transmission level*

Språk: en

**CEN/TR 16931-5:2017**

*Electronic invoicing - Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment*

Språk: en

**CEN/TR 16931-6:2017**

*Electronic invoicing - Part 6: Result of the test of EN 16931-1 with respect to its practical application for an end user*

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 17143:2017**

*Intelligent transport systems - Standards and actions necessary to enable urban infrastructure coordination to support Urban-ITS*

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 17311:2019**

*Public transport - Interoperable fare management system - Bluetooth low energy ticketing use cases and guidelines*

Språk: en

**CEN/TR 419010:2017**

*Framework for standardization of signatures - Extended structure including electronic identification and authentication*

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 419200:2017**

*Guidance for signature creation and other related devices*

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 16794-1:2017**

*Public transport - Communication between contactless readers and fare media - Part 1: Implementation requirements for ISO/IEC 14443*

Språk: en

**CEN/TS 16794-2:2017**

*Public transport - Communication between contactless readers and fare media - Part 2: Test plan for ISO/IEC 14443*

Språk: en

**CEN/TS 16931-2:2017**

*Electronic invoicing - Part 2: List of syntaxes that comply with EN 16931-1*

Språk: en

**CEN/TS 16931-3-1:2017**

*Electronic invoicing - Part 3-1: Methodology for syntax bindings of the core elements of an electronic invoice*

Språk: en

**CEN/TS 16931-3-2:2017**

*Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note*

Språk: en

**CEN/TS 16931-3-3:2017**

*Electronic invoicing - Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B*

Språk: en

**CEN/TS 16931-3-4:2017**

*Electronic invoicing - Part 3-4: Syntax binding for UN/EDIFACT INVOIC D16B*

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 16986:2016/AC:2017**

*Electronic Fee Collection - Interoperable application profiles for information exchange between Service Provision and Toll Charging*

Språk: en

**CEN/TS 17051:2017**

*Full body photography*

Språk: en

**CEN/TS 17073:2017**

*Postal services - Interfaces for cross border parcels*

Språk: en

**CEN/TS 17118:2017**

*Intelligent transport systems - Public transport - Open API for distributed journey planning*

Språk: en

**CEN/TS 17148:2018**

*Intelligent Transport Systems - eSafety - ProForma eCall Agreement between TPSP and PARES*

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 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 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 17071:2019**

Informasjonsteknologi - Automatisk identifikasjon og datafangstteknikker - Elektronisk identifikasjonsplate  
*Information technology - Automatic identification and data capture techniques - Electronic identification plate*

Språk: en

**NS-EN 419241-2:2019**

Pålitelige systemer som støtter tjenersignering - Del 2: Beskyttelsesprofil for QSCD for tjenersignering  
*Trustworthy Systems Supporting Server Signing - Part 2: Protection profile for QSCD for Server Signing*

Språk: en

**NS-EN ISO 19115-2:2019**

Geografisk informasjon - Metadata - Del 2: Utvidelser for innsamling og prosessering (ISO 19115-2:2019)  
*Geographic information - Metadata - Part 2: Extensions for acquisition and processing (ISO 19115-2:2019)*

Språk: en

**NS-ISO 30042:2019**

Forvaltning av terminologiresurser - Utsveklingsformat for termbaser (TBX)  
*Management of terminology resources - TermBase eXchange (TBX)*

Språk: en

**NS-ISO/IEC/IEEE 90003:2018**

Programvareutvikling - Retningslinjer for bruk av NS-EN ISO 9001:2015 for programvare til datamaskiner  
*Software engineering - Guidelines for the application of NS-EN ISO 9001:2015 to computer software*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 28701:2012**

Intelligente transportsystemer - Kollektivtransport - Identifikasjon av faste objekter i kollektivtransport (IFOPT)  
*Intelligent transport systems - Public transport - Identification of Fixed Objects in Public Transport (IFOPT)*

Språk: en

Ingen erstatning

**NS-EN ISO 19115-2:2010**

Geografisk informasjon - Metadata - Del 2: Bilededata og andre griddede data (ISO 19115-2:2009)  
*Geographic information - Metadata - Part 2: Extensions for imagery and gridded data (ISO 19115-2:2009)*

Språk: en

Ingen erstatning

**NS-EN ISO 19125-2:2006**

Geografisk informasjon - Tilgang til enkle geografiske objekter - Del 2: SQL (ISO 19125-2:2004)  
*Geographic information - Simple feature access - Part 2: SQL option (ISO 19125-2:2004)*

Språk: en

Ingen erstatning

**NS-ISO/IEC 90003:2014**

Programvareteknikk - Retningslinjer for bruk av NS-EN ISO 9001:2008 for programvare til datamaskiner  
*Software engineering - Guidelines for the application of ISO 9001:2008 to computer software*

Språk: en

Ingen erstatning

## 37 Bildeteknikk

### ISO-standarder

#### **ISO 516:2019**

*Camera shutters -- Timing -- General definition and mechanical shutter measurements*

Språk: en

Erstatter A00008:20:020176

#### **ISO 9345:2019**

*Microscopes -- Interfacing dimensions for imaging components*

Språk: en

Erstatter A00008:20:033193,A00008:20:061065,A00008:20:062859,A00008:20:064986

#### **ISO 16684-1:2019**

*Graphic technology -- Extensible metadata platform (XMP) -- Part 1: Data model, serialization and core properties*

Språk: en

Erstatter A00008:20:057421

#### **ISO/TS 20793:2019**

*Photography -- Lenticular print for changing images -- Measurements of image quality*

Språk: en

## 39 Finmekanikk. Smykker

### Standardforslag til høring - europeiske (CEN)

#### **EN ISO 8654:2018/prA1**

*Jewellery - Colours of gold alloys - Definition, range of colours and designation - Amendment 1 (ISO 8654:2018/DAM 1:2019)*

Språk: en

Kommentarfrist: 18.07.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO 8654:2018/DAMd 1**

Språk: en

Kommentarfrist: 18.07.2019

#### **ISO/DIS 764**

*Horology -- Antimagnetic watches*

Språk: en

Kommentarfrist: 28.05.2019

#### **ISO/DIS 11494**

*Jewellery and precious metals -- Determination of platinum in platinum alloys -- ICP-OES method using an internal standard element*

Språk: en

Kommentarfrist: 23.05.2019

#### **ISO/DIS 11495**

*Jewellery and precious metals -- Determination of palladium in palladium alloys -- ICP-OES method using an internal standard element*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 15093**

*Determination of precious metals in 999 0/00 gold, platinum and palladium jewellery alloys -- Difference method using ICP-OES (Inductively Coupled Plasma optical emission spectroscopy)*

Språk: en

Kommentarfrist: 28.06.2019

**ISO/DIS 15093**

*Jewellery and precious metals -- Determination of 999 0/00 gold, platinum and palladium -- Difference method using ICP-OES*

Språk: en

Kommentarfrist: 02.09.2019

**ISO/DIS 15096**

*Determination of silver in 999 0/00 silver jewellery alloys -- Difference method using ICP-OES (Inductively Coupled Plasma optical emission spectroscopy)*

Språk: en

Kommentarfrist: 28.06.2019

**ISO/DIS 15096**

*Jewellery and precious metals -- Determination of 999 0/00 silver -- Difference method using ICP-OES*

Språk: en

Kommentarfrist: 02.09.2019

**ISO/DIS 22764**

*Jewellery and precious metals -- Precious metal -- Fineness of solders used with precious metal jewellery alloys*

Språk: en

Kommentarfrist: 24.05.2019

## 43 Kkjøretøyteknikk

### Standardforslag til høring - nasjonale

**prNS 11060**

Brann- og redningskjøretøyer - Funksjonelle og tekniske krav

*Firefighting and rescue service vehicles - Functional and technical requirements*

Språk: no

Kommentarfrist: 01.06.2019

### Standardforslag til høring - europeiske (CEN)

**prEN 17347**

*Road vehicles - Machines for mounting and demounting vehicle tyres - Safety requirements*

Språk: en

Kommentarfrist: 18.07.2019

**prEN ISO 17409**

*Electrically propelled road vehicles - Conductive power transfer - Safety requirements (ISO/DIS 17409:2019)*

Språk: en

Kommentarfrist: 25.06.2019

### Standardforslag til høring - internasjonale (ISO)

**ISO/DIS 4513**

*Road vehicles -- Visibility -- Method for establishment of eyellipses for driver's eye location*

Språk: en

Kommentarfrist: 11.07.2019



**ISO/DIS 6727**

Road vehicles - Motorcycles - Symbols for controls, indicators and telltales [Revision of first edition (ISO 6727:1981)]

*Road vehicles - Motorcycles - Symbols for controls, indicators and telltales [Revision of first edition (ISO 6727:1981)]*

Språk: en

Kommentarfrist: 11.06.2019

**ISO/DIS 20901**

*Intelligent transport systems -- Emergency electronic brake light systems (EEBL) -- Performance requirements and test procedures*

Språk: en

Kommentarfrist: 23.05.2019

**ISO-standarder****ISO 4141-1:2019**

*Road vehicles -- Multi-core connecting cables -- Part 1: Test methods and requirements for basic performance sheathed cables*

Språk: en

Erstatter A00008:20:036606

**ISO 4141-2:2019**

*Road vehicles -- Multi-core connecting cables -- Part 2: Test methods and requirements for high performance sheathed cables*

Språk: en

Erstatter A00008:20:039514

**ISO 4141-3:2019**

*Road vehicles -- Multi-core connecting cables -- Part 3: Construction, dimensions and marking of unscreened sheathed low-voltage cables*

Språk: en

Erstatter A00008:20:039515

**ISO 6469-1:2019**

*Electrically propelled road vehicles -- Safety specifications -- Part 1: Rechargeable energy storage system (RESS)*

Språk: en

Erstatter A00008:20:045477,A00008:20:059224

**ISO 7975:2019**

*Passenger cars -- Braking in a turn -- Open-loop test method*

Språk: en

Erstatter A00008:20:037217

**ISO 11992-1:2019**

*Road vehicles -- Interchange of digital information on electrical connections between towing and towed vehicles -- Part 1: Physical and data-link layers*

Språk: en

Erstatter A00008:20:033467

**ISO 15118-1:2019**

*Road vehicles -- Vehicle to grid communication interface -- Part 1: General information and use-case definition*

Språk: en

Erstatter A00008:20:055365

**ISO 17840-2:2019**

*Road vehicles -- Information for first and second responders -- Part 2: Rescue sheet for buses, coaches and heavy commercial vehicles*

Språk: en

**ISO 17840-3:2019**

*Road vehicles -- Information for first and second responders -- Part 3: Emergency response guide template*

Språk: en

**ISO 19642-1:2019**

*Road vehicles -- Automotive cables -- Part 1: Vocabulary and design guidelines*

Språk: en

**ISO 20078-3:2019**

*Road vehicles -- Extended vehicle (ExVe) web services -- Part 3: Security*

Språk: en

**ISO 20080:2019**

*Road vehicles -- Information for remote diagnostic support -- General requirements, definitions and use cases*

Språk: en

**ISO 20574:2019**

*Road vehicles -- Durability test method for starter motor for stop and start system*

Språk: en

**ISO 20766-9:2019**

*Road vehicles -- Liquefied petroleum gas (LPG) fuel systems components -- Part 9: Pressure relieve device (PRD)*

Språk: en

**ISO 20934:2019**

*Road vehicles -- Fuse-links with axial terminals for use in 48V networks -- Types SF36-70V, SF51-70V and SF56-70V*

Språk: en

**ISO 21342:2019**

*Synchronous belt drives -- Automotive belts and pulleys*

Språk: en

Erstatter A00008:20:021431,A00008:20:021432

**ISO/TR 8713:2019**

*Electrically propelled road vehicles -- Vocabulary*

Språk: en

Erstatter A00008:20:055745

**ISO/TR 20078-4:2019**

*Road vehicles -- Extended vehicle (ExVe) web services -- Part 4: Control*

Språk: en

**ISO/TS 14198:2019**

*Road vehicles -- Ergonomic aspects of transport information and control systems -- Calibration tasks for methods which assess driver demand due to the use of in-vehicle systems*

Språk: en

Erstatter A00008:20:054496

**Rapporter fra CEN (CR)****CEN/TR 17112:2017**

*Cycles - Composite material used in bicycles - Specific tests suitable for components manufactured from composite materials*

Språk: en

**CEN/TS 16786:2018**

*Road restraint systems - Truck Mounted Attenuators - Performance classes, impact test acceptance criteria and test performance*

Språk: en

**Fastsatte norske standarder****NS-EN ISO 15118-4:2019**

Veikjøretøyer - Kommunikasjonsgrensesnitt mellom kjøretøy og strømnett - Del 4: Samsvarsprøving av nettverks- og applikasjonsprotokoll (ISO 15118-4:2018)

*Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test (ISO 15118-4:2018)*

Språk: en

**NS-EN ISO 15118-5:2019**

Veikjøretøyer - Kommunikasjonsgrensesnitt mellom kjøretøy og strømnett - Del 5: Samsvarsprøving av fysisk lag og datakjedelag (ISO 15118-5:2018)

*Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test (ISO 15118-5:2018)*

Språk: en

**NS-EN ISO 15118-8:2019**

Veikjøretøyer - Kommunikasjonsgrensesnitt mellom kjøretøy og strømnett - Del 8: Krav til trådløs kommunikasjon for fysisk lag og datakjedelag (ISO 15118-8:2018)

*Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018)*

Språk: en

**45 Jernbaneteknikk****Standardforslag til høring - europeiske (CEN)****prEN 15807**

Jernbane - Trykkluftdrevet koplingsflens

*Railway applications - Pneumatic half couplings*

Språk: en

Kommentarfrist: 04.07.2019

**prEN 17343**

Jernbane - Generelle termer og definisjoner

*Railway applications - General terms and definitions*

Språk: en

Kommentarfrist: 20.06.2019

**prEN 17355**

Jernbane - Kommunikasjonsutrustning for urban jernbane - Systemkrav

*Railway applications - Communication device for urban rail - System requirements*

Språk: en

Kommentarfrist: 06.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 22888**

Jernbane - Retningslinjer for planlegging av operasjonelle konsepter for jordskjelvs hendelser

*Railway applications -- Guideline for planning of operational concepts for earthquake events*

Språk: en

Kommentarfrist: 17.06.2019

**Rapporter fra CEN (CR)****CEN/TR 15654-3:2019**

Jernbane - Måling av vertikale krefter på hjul og hjulsett - Del 3: Godkjenning og verifisering av på-og-banemålingssteder for kjøretøyer i drift

*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

**Fastsatte norske standarder****NS-EN 14033-4:2019**

Jernbane - Spor - Skinnegående konstruksjons- og vedlikeholdsmaskiner - Del 4: Tekniske drifts-, reise- og arbeidskrav til bybane  
*Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail*

Språk: en

**NS-EN 17018:2019**

Jernbane - Vedlikehold av rullende materiell - Termer og definisjoner  
*Railway applications - Rolling stock maintenance - Terms and definitions*

Språk: en

**47 Skipsbygging og marine konstruksjoner****Standardforslag til høring - europeiske (CEN)****prEN ISO 8384**

Skip og marinteknologi - Mudringsfartøy - Ordliste (ISO/FDIS 8384:2019)  
*Ships and marine technology - Dredgers - Vocabulary (ISO/FDIS 8384:2019)*

Språk: en

Kommentarfrist: 04.07.2019

**prEN ISO 8849**

*Small craft - Electrically operated bilge pumps (ISO/DIS 8849:2019)*

Språk: en

Kommentarfrist: 07.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 8849**

*Small craft - Electrically operated bilge-pumps [Revision of first edition (ISO 8849:1990)]*

*Small craft - Electrically operated bilge-pumps [Revision of first edition (ISO 8849:1990)]*

Språk: en

Kommentarfrist: 07.06.2019

**ISO/DIS 8849**

*Small craft -- Electrically operated bilge pumps*

Språk: en

Kommentarfrist: 12.08.2019

**ISO/DIS 15083**

*Small craft -- Bilge-pumping systems*

Språk: en

Kommentarfrist: 23.06.2019

## 49 Luft- og romfartsteknikk

### Standardforslag til høring - europeiske (CEN)

#### **EN 12312-3:2017/prA1**

Flyplassutstyr - Spesifikke krav - Del 3: Kjøretøy med transportbånd

*Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles*

Språk: en

Kommentarfrist: 04.07.2019

#### **prEN 12312-5**

Flyplassutstyr - Spesifikke krav - Del 5: Utstyr for påfylling av drivstoff for fly

*Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment*

Språk: en

Kommentarfrist: 20.06.2019

#### **prEN 17350**

*SCM - Scheduling and Commanding Message - Standard*

Språk: en

Kommentarfrist: 18.07.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 20785-1**

*Dosimetry for exposures to cosmic radiation in civilian aircraft -- Part 1: Conceptual basis for measurements*

Språk: en

Kommentarfrist: 22.06.2019

#### **ISO/DIS 20785-2**

*Dosimetry for exposures to cosmic radiation in civilian aircraft -- Part 2: Characterization of instrument response*

Språk: en

Kommentarfrist: 08.07.2019

### Fastsatte norske standarder

#### **NS-EN 2288:2019**

*Aerospace series - Bush, flanged, corrosion resisting steel, with self-lubricating liner - Dimensions and loads*

Språk: en

#### **NS-EN 2584:2019**

*Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Narrow series - Elevated load at ambient temperature - Dimensions and loads*

Språk: en

#### **NS-EN 2585:2019**

*Aerospace series - Bearing, spherical plain in corrosion resisting steel with self-lubricating liner - Wide series - Elevated load at ambient temperature - Dimensions and loads*

Språk: en

#### **NS-EN 4859:2019**

*Aerospace series - Sensor based clamp load determination / high tensile bolts - Technical specification*

Språk: en

#### **NS-EN 16601-00:2019**

*Space system - EN 16600 series - Description, implementation and general requirements*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 2023:1988**

Luft- og romfart - Lager - Runde lager av korrosjonsbestandig stål med selvsmørende belegg - Normal serie - Dimensjoner og belastninger

*Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Normal series - Dimensions and loads*

Språk: en

Ingen erstatning

**NS-EN 2288:1989**

Luft- og romfart - Lagerforinger med krage - Av korrosjonsbestandig stål, selvsmørende - Dimensjoner og belastninger

*Aerospace series - Bushes, flanged corrosion resisting steel with self-lubricating liner - Dimensions and loads*

Språk: en

Ingen erstatning

**NS-EN 2584:2001**

Luft- og romfart - Sfæriske glidelagre av korrosjonsbestandig stål, med selvsmørende lagerforing - Smale serier - Høy belastning ved romtemperatur - Mål og belastninger

*Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Narrow series - Elevated load at ambient temperature - Dimensions and loads*

Språk: en

Ingen erstatning

**NS-EN 2585:2001**

Luft- og romfart - Sfæriske glidelagre av korrosjonsbestandig stål, med selvsmørende lagerforing - Brede serier - Høy belastning ved romtemperatur - Mål og belastninger

*Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Wide series - Elevated load at ambient temperature - Dimensions and loads*

Språk: en

Ingen erstatning

**53 Utstyr for godshåndtering****Standardforslag til høring - europeiske (CEN)****EN ISO 3691-5:2015/prA2**

Industritrucker - Sikkerhetskrav og verifikasjon - Del 5: Manuelt drevne trucker - Endringsblad 2 (ISO 3691-5:2014/DAMd 2:2019)

*Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks - Amendment 2 (ISO 3691-5:2014/DAMd 2:2019)*

Språk: en

Kommentarfrist: 01.07.2019

**prEN 12999**

Kraner - Hydrauliske kraner montert på kjøretøy eller på statisk element

*Cranes - Loader cranes*

Språk: en

Kommentarfrist: 30.05.2019

**prEN 13001-3-7**

*Cranes - General design - Part 3-7: Limit states and proof of competence of machinery - Gears and gear boxes*

Språk: en

Kommentarfrist: 30.05.2019

**prEN 16842-10**

*Powered industrial trucks - Visibility - test methods and verification - Part 10: Towing and Pushing tractors and Burden carrier*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 16842-10**

Powered industrial trucks - Visibility - test methods and verification - Part 10: Towing and Pushing tractors and Burden carrier

Språk: en

Kommentarfrist: 09.05.2019

**prEN ISO 21178**

Lette transportbånd - Bestemmelse av elektrisk motstand (ISO/DIS 21178:2019)

Light conveyor belts - Determination of electrical resistances (ISO/DIS 21178:2019)

Språk: en

Kommentarfrist: 12.07.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 6292**

Powered industrial trucks and tractors -- Brake performance and component strength

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 21178**

Light conveyor belts -- Test methods for measurement of the electrical resistances

Språk: en

Kommentarfrist: 12.07.2019

**ISO-standarder****ISO 7135:2009/Amd 1:2019**

Språk: en

**ISO 10896-6:2015/Amd 1:2019**

Språk: en

**ISO 15871:2019**

Industrial trucks -- Specifications for indicator lights for container handling and grapples arm operations

Språk: en

Erstatter A00008:20:029326

**ISO 20474-15:2019**

Earth-moving machinery -- Safety -- Part 15: Requirements for compact tool carriers

Språk: en

**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

**Fastsatte norske standarder****NS-EN 16842-4:2019**

Motordrevne industritrucker - Sikt - Prøvmåter og verifisering - Del 4: Industritrucker med variabel rekkevidde og kapasitet til og med 10 000 kg

Powered industrial trucks - Visibility - Test methods and verification - Part 4: Industrial variable reach trucks up to and including 10 000 kg capacity

Språk: en

**NS-EN 16842-9:2019**

Motordrevne industritrucker - Sikt - Prøvingsmetoder og verifisering - Del 9: Plukketrucker med front- og sidestabling og hevbar førerplattform

*Powered industrial trucks - Visibility - Test methods and verification - Part 9: Order-picking, lateral- and front-stacking trucks with elevating operator position*

Språk: en

**NS-EN ISO 20238:2019**

Transportbånd - Prøving av valsens friksjon (ISO 20238:2018)

*Conveyor belts - Drum friction testing (ISO 20238:2018)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 1554:2012**

Transportbånd - Prøving av valsens friksjon

*Conveyor belts - Drum friction testing*

Språk: en

Ingen erstatning

**55 Emballasje og varedistribusjon****Standardforslag til høring - europeiske (CEN)****prEN 16293**

Emballasje - Glassemballasje - Dype BVS-gjenger for ikke-musserende viner

*Packaging - Glass Packaging - Deep BVS finishes for still wines*

Språk: en

Kommentarfrist: 20.06.2019

**ISO-standarder****ISO 1496-3:2019**

*Series 1 freight containers -- Specification and testing -- Part 3: Tank containers for liquids, gases and pressurized dry bulk*

Språk: en

Erstatter A00008:20:003047,A00008:20:040904

**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

**CEN/TS 17073:2017**

*Postal services - Interfaces for cross border parcels*

Språk: en

**Fastsatte norske standarder****NS-EN 17177:2019**

Glassemballasje - Kronekork - Kronekork med 26 mm diameter, 6 mm høyde

*Glass packaging - Crown cap - 26 mm diameter, 6 mm height crown cap*

Språk: en



**59 Tekstil- og lærteknikk****Standardforslag til høring - europeiske (CEN)****EN ISO 9863-1:2016/prA1**

Geosynteter - Bestemmelse av tykkelse ved angitte trykk - Del 1: Enkeltlag - Endringsblad 1 (ISO 9863-1:2016/DAM 1:2019)

*Geosynthetics - Determination of thickness at specified pressures - Part 1: Single layers - Amendment 1 (ISO 9863-1:2016/DAM 1:2019)*

Språk: en

Kommentarfrist: 24.06.2019

**prEN ISO 12958-1**

*Geotextiles and geotextile-related products - Determination of water flow capacity in their plane - Part 1: Index test (ISO/DIS 12958-1:2019)*

Språk: en

Kommentarfrist: 02.07.2019

**prEN ISO 12958-2**

*Geotextiles and geotextile-related products - Determination of water flow capacity in their plane - Part 2: Performance test (ISO/DIS 12958-2:2019)*

Språk: en

Kommentarfrist: 02.07.2019

**prEN ISO 13365-1**

*Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 1: Total content (ISO/DIS 13365-1:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 13365-2**

*Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 2: Extractable content (ISO/DIS 13365-2:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 14088**

Lær - Kjemiske prøvinger - Kvantitativ analyse av garvestoffer ved filtermetode (ISO/DIS 14088:2019)

*Leather - Chemical tests - Quantitative analysis of tanning agents by filter method (ISO/DIS 14088:2019)*

Språk: en

Kommentarfrist: 03.06.2019

**prEN ISO 17234-1**

Lær - Kjemiske prøvinger for bestemmelse av visse azofargestoffer i farget lær - Del 1: Bestemmelse av visse aromatiske aminer avledet fra azofargestoffer (ISO/DIS 17234-1:2019)

*Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO/DIS 17234-1:2019)*

Språk: en

Kommentarfrist: 05.06.2019

**prEN ISO 18219-1**

*Leather - Determination of chlorinated hydrocarbons in leather – Part 1: Chromatographic method for short-chain chlorinated paraffins (SCCP) (ISO/DIS 18219-1:2019)*

Språk: en

Kommentarfrist: 12.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO 9863-1:2016/DAmD 1**

Språk: en

Kommentarfrist: 24.06.2019

**ISO/DIS 1833-9***Textiles -- Quantitative chemical analysis -- Part 9: Mixtures of acetate with certain other fibres (method using benzyl alcohol)*

Språk: en

Kommentarfrist: 13.06.2019

**ISO/DIS 1833-13***Textiles -- Quantitative chemical analysis -- Part 13: Mixtures of certain chlorofibres with certain other fibres (method using carbon disulfide/acetone)*

Språk: en

Kommentarfrist: 13.06.2019

**ISO/DIS 1833-14***Textiles -- Quantitative chemical analysis -- Part 14: Mixtures of acetate with certain chlorofibres (method using glacial acetic acid)*

Språk: en

Kommentarfrist: 13.06.2019

**ISO/DIS 1833-15***Textiles -- Quantitative chemical analysis -- Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content)*

Språk: en

Kommentarfrist: 07.07.2019

**ISO/DIS 1833-17***Textiles -- Quantitative chemical analysis -- Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid)*

Språk: en

Kommentarfrist: 27.06.2019

**ISO/DIS 12956***Geotextiles and geotextile-related products -- Determination of the characteristic opening size*

Språk: en

Kommentarfrist: 18.05.2019

**ISO/DIS 12958-1***Geotextiles and geotextile-related products -- Determination of water flow capacity in their plane -- Part 1: Index test*

Språk: en

Kommentarfrist: 02.07.2019

**ISO/DIS 12958-2***Geotextiles and geotextile-related products -- Determination of water flow capacity in their plane -- Part 2: Performance test*

Språk: en

Kommentarfrist: 02.07.2019

**ISO/DIS 20852***Textiles -- Determination of the total heat transfer through textiles in simulated environments*

Språk: en

Kommentarfrist: 04.07.2019

**ISO/DIS 22182***Geotextiles and geotextile-related products -- Determination of abrasion resistance characteristics under wet conditions for hydraulic applications*

Språk: en

Kommentarfrist: 20.06.2019

**ISO/DIS 22195-1**

*Textiles-Determination of index ingredient from coloured textiles -- Part 1: Madder*

Språk: en

Kommentarfrist: 19.06.2019

**ISO/DIS 22195-2**

*Textiles -- Determination of index ingredient from coloured textiles -- Part 2: Tumeric*

Språk: en

Kommentarfrist: 19.06.2019

**ISO-standarder****ISO 22700:2019**

*Leather -- Measuring the colour and colour difference of finished leather*

Språk: en

**ISO 26082-1:2019**

*Leather -- Physical and mechanical test methods for the determination of soiling -- Part 1: Rubbing (Martindale) method*

Språk: en

Erstatter A00008:20:054455

**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 5398-4:2019**

Lær - Kjemisk bestemmelse av kromoksidinnhold - Del 4: Kvantifisering ved induktivt koblet plasma (ICP) (ISO 5398-4:2018)

*Leather - Chemical determination of chromic oxide content - Part 4: Quantification by inductively coupled plasma (ICP) (ISO 5398-4:2018)*

Språk: en

**NS-EN ISO 17226-1:2019**

Lær - Kjemisk bestemmelse av formaldehydinnhold - Del 1: Metode med bruk av væskekromatografi (HPLC) (ISO 17226-1:2018)

*Leather - Chemical determination of formaldehyde content - Part 1: Method using high performance liquid chromatography (ISO 17226-1:2018)*

Språk: en

**NS-EN ISO 17226-2:2019**

Lær - Kjemisk bestemmelse av formaldehydinnhold - Del 2: Metode med bruk av kolorimetrisk analyse (ISO 17226-2:2018)

*Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis (ISO 17226-2:2018)*

Språk: en

**NS-EN ISO 18254-2:2019**

Tekstiler - Metode for påvisning og bestemmelse av alkylfenoletoksilater (APEO) - Del 2: Metode med NPLC (ISO 18254-2:2018)

*Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 2: Method using NPLC (ISO 18254-2:2018)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 5398-4:2007**

Lær - Kjemisk bestemmelse av kromtrioksidinnhold - Part 4: Kvantifisering ved induktivt koblet plasma - optisk emisjonsspektrometer (ISO 5398-4:2007)

*Leather - Chemical determination of chromic oxide content - Part 4: Quantification by inductively coupled plasma - optical emission spectrometer (ICP-OES) (ISO 5398-4:2007)*

Språk: en

Ingen erstatning

**NS-EN ISO 17226-1:2008**

Lær - Kjemisk bestemmelse av formaldehydinnhold - Del 1: Metode med bruk av høytrykksvæskekromatografi (ISO 17226-1:2008)

*Leather - Chemical determination of formaldehyde content - Part 1: Method using high performance liquid chromatography (ISO 17226-1:2008)*

Språk: en

Ingen erstatning

**NS-EN ISO 17226-2:2008**

Lær - Kjemisk bestemmelse av formaldehydinnhold - Del 2: Metode med bruk av kolorimetrisk analyse (ISO 17226-2:2008)

*Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis (ISO 17226-2:2008)*

Språk: en

Ingen erstatning

**NS-EN ISO 17226-2:2008/AC:2009**

Rettelsesblad AC - Lær - Kjemisk bestemmelse av formaldehydinnhold - Del 2: Metode med bruk av kolorimetrisk analyse (ISO 17226-2:2008/Cor 1:2009)

*Corrigendum AC - Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis (ISO 17226-2:2008/Cor 1:2009)*

Språk: en

Ingen erstatning

**61 Konfeksjonsindustri****Standardforslag til høring - nasjonale****prNS 3340**

Helse- og omsorgstjenester - Unisex pasientskjorte i strikket metervare

*Health service - Unisex patient shirt in knitted fabric*

Språk: no

Kommentarfrist: 09.06.2019

**prNS 3360**

Helse- og omsorgstjenester - Unisex pasientslåbrok

*Health service - Unisex dressing gown for patients*

Språk: no

Kommentarfrist: 09.06.2019

**prNS 3362**

Helse- og omsorgstjenester - Unisexbukse med gylf

*Health service - Unisex fly front trouser*

Språk: no

Kommentarfrist: 09.06.2019

**Standardforslag til høring - europeiske (CEN)****prEN ISO 19577**

*Footwear - Critical substances potentially present in footwear and footwear components - Determination of Nitrosamines (ISO/DIS 19577:2019)*

Språk: en

Kommentarfrist: 29.05.2019

**ISO-standarder****ISO 20535:2019**

*Footwear -- Test method for insoles and insocks -- Dimensional change after cycle of wetting and drying*

Språk: en

**Fastsatte norske standarder****NS-EN ISO 20150:2019**

*Fottøy og fottøykomponenter - Kvantitativ prøvingsmetode for å vurdere soppdrepende egenskaper (ISO 20150:2019)*

*Footwear and footwear components - Quantitative challenge test method to assess antifungal activity (ISO 20150:2019)*

Språk: en

**65 Landbruk****Standardforslag til høring - europeiske (CEN)****prEN 17374**

*Animal feeding stuffs: Methods of sampling and analysis - Determination of inorganic arsenic in animal feed by anion-exchange HPLC-ICPMS*

Språk: en

Kommentarfrist: 11.07.2019

**prEN 17375**

*Electronic cigarettes and e-liquids - Reference e-liquids*

Språk: en

Kommentarfrist: 13.06.2019

**ISO-standarder****ISO 6489-5:2019**

*Agricultural vehicles -- Mechanical connections between towed and towing vehicles -- Part 5: Specifications for non-swivel clevis couplings*

Språk: en

Erstatter A00008:20:051409

**ISO 16055:2019**

*Tobacco and tobacco products -- Monitor test piece -- Requirements and use*

Språk: en

Erstatter A00008:20:056766

**ISO 22253:2019**

*Cigarettes -- Determination of nicotine in total particulate matter from the mainstream smoke with an intense smoking regime -- Gas-chromatographic method*

Språk: en

**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/TS 17060:2017**

*Fertilizers - Determination of molybdenum in concentrations > 10 % using a gravimetric method with 8-hydroxyquinoline*

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 ISO 10517:2019**

Håndholdte hekksakser med integrert motor - Sikkerhet (ISO 10517:2019)

*Powered hand-held hedge trimmers - Safety (ISO 10517:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 10517:2009**

Håndholdte hekksakser med integrert motor - Sikkerhet (ISO 10517:2009)

*Powered hand-held hedge trimmers - Safety (ISO 10517:2009)*

Språk: en

Ingen erstatning

**NS-EN ISO 10517:2009/A1:2013**

Endringsblad A1 - Håndholdte hekksakser med integrert motor - Sikkerhet (ISO 10519:2009/Amd 1:2013)

*Amendment A1 - Powered hand-held hedge trimmers - Safety (ISO 10519:2009/Amd 1:2013)*

Språk: en

Ingen erstatning

**67 Næringsmiddelteknologi****Standardforslag til høring - europeiske (CEN)****EN 15467:2014/prA1**

*Food processing machinery - Fish heading and filleting machines - Safety and hygiene requirements*

Språk: en

Kommentarfrist: 18.07.2019

**prEN ISO 16297**

Melk - Bakterietall - Protokoll for evaluering av alternative metoder (ISO/DIS 16297:2019)

*Milk - Bacterial count - Protocol for the evaluation of alternative methods (ISO/DIS 16297:2019)*

Språk: en

Kommentarfrist: 18.06.2019

**prEN ISO 21187**

*Milk - Quantitative determination of bacteriological quality - Guidance for establishing and verifying a conversion relationship between results of an alternative method and anchor method results (ISO/DIS 21187:2019)*

Språk: en

Kommentarfrist: 18.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 16297**

Melk -- Bakterietall -- Protokoll for evaluering av alternative metoder

*Milk -- Bacterial count -- Protocol for the evaluation of alternative methods*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 20980**

*Artichokes -- Specification and test methods*

Språk: en

Kommentarfrist: 10.07.2019

**ISO/DIS 20981**

*Asparagus -- Specification and test methods*

Språk: en

Kommentarfrist: 10.07.2019

**ISO/DIS 20982**

*Priests (Caper) (Capparis spp.) -- Specification and test methods*

Språk: en

Kommentarfrist: 10.07.2019

**ISO/DIS 20984**

*Cornelian cherry -- Specification and test methods*

Språk: en

Kommentarfrist: 08.07.2019

**ISO/DIS 21187**

*Milk -- Quantitative determination of bacteriological quality -- Guidance for establishing a conversion relationship between routine method results and anchor method results and its verification*

Språk: en

Kommentarfrist: 18.06.2019

**ISO/DIS 23305**

*Fortified milk powders, infant formula and adult nutritionals -- Determination of total biotin by liquid chromatography coupled with immunoaffinity column clean-up extraction*

Språk: en

Kommentarfrist: 23.05.2019

**ISO-standarder****ISO 7305:2019**

*Milled cereal products -- Determination of fat acidity*

Språk: en

Erstatter A00008:20:013968

**ISO 12871:2019**

*Olive oils and olive-pomace oils -- Determination of aliphatic and triterpenic alcohols content by capillary gas chromatography*

Språk: en

Erstatter A00008:20:052081

**Rapporter fra CEN (CR)****CEN/TS 17061:2017**

*Foodstuffs - Guidelines for the calibration and quantitative determination of pesticide residues and organic contaminants using chromatographic methods*

Språk: en

**CEN/TS 17062:2017**

*Foods of plant origin - Multimethod for the determination of pesticide residues in vegetable oils by LC-MS/MS*

Språk: en

**CEN/TS 17083:2017**

*Foodstuffs - Determination of acrylamide in food and coffee by gas chromatography-mass spectrometry (GC-MS)*

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 12873-3:2019**

*Materialers påvirkning på drikkevann - Påvirkning som følge av migrering - Del 3: Prøvningsmetode for ionebytting og absorbering av resiner*

*Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 12873-3:2006**

*Materialers påvirkning på drikkevann - Påvirkning som følge av migrering - Del 3: Prøvningsmetode for ionebytting og absorbering av resinat*

*Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins*

Språk: en

Ingen erstatning



## 71 Kjemiteknikk

### Standardforslag til høring - europeiske (CEN)

#### **prEN ISO 24444**

Kosmetikk - Prøvningsmetoder for solbeskyttelse - Bestemmelse in vivo av solbeskyttelsesfaktoren (SPF) (ISO/DIS 24444:2019)

*Cosmetics - Sun protection test methods - In vivo determination of the sun protection factor (SPF) (ISO/DIS 24444:2019)*

Språk: en

Kommentarfrist: 05.06.2019

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 24444**

*Cosmetics -- Sun protection test methods -- In vivo determination of SPF (Sun Protection Factor)*

Språk: en

Kommentarfrist: 05.06.2019

### 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/TS 15119-1:2018**

*Durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) - Laboratory method*

Språk: en

### Fastsatte norske standarder

#### **NS-EN ISO 11930:2019**

Kosmetikk - Mikrobiologi - Evaluering av antimikrobiell beskyttelse av et kosmetisk produkt (ISO 11930:2019)

*Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2019)*

Språk: en

### Tilbaketrukne norske standarder

#### **NS-EN ISO 11930:2012**

Kosmetikk - Mikrobiologi - Evaluering av antimikrobiell beskyttelse av et kosmetisk produkt (ISO 11930:2012)

*Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2012)*

Språk: en

Ingen erstatning

## 73 Gruvedrift og mineraler

### Standardforslag til høring - internasjonale (ISO)

#### **ISO/DIS 15585**

*Hard coal -- Determination of caking index*

Språk: en

Kommentarfrist: 29.05.2019

**ISO-standarder****ISO 2597-2:2019**

*Iron ores -- Determination of total iron content -- Part 2: Titrimetric methods after titanium(III) chloride reduction*

Språk: en

Erstatter A00008:20:062278

**ISO 4701:2019**

*Iron ores and direct reduced iron -- Determination of size distribution by sieving*

Språk: en

Erstatter A00008:20:071864

**75 Petroleumsteknologi og beslektet teknologi****Standardforslag til høring - europeiske (CEN)****EN ISO 4259-1:2017/prA1**

*Petroleum and related products - Precision of measurement methods and results - Part 1: Determination of precision data in relation to methods of test - Amendment 1: Test result validity process is to be moved into a separate reporting limit instruction (ISO 4259-1:2017/DAmD 1:2019)*

Språk: en

Kommentarfrist: 28.05.2019

**EN ISO 4259-2:2017/prA1**

*Petroleum and related products - Precision of measurement methods and results - Part 2: Interpretation and application of precision data in relation to methods of test - Amendment 1: Correction of several errors in terms of internal references, mistakes in formulas and in sheets (ISO 4259-2:2017/DAmD 1:2019)*

Språk: en

Kommentarfrist: 28.05.2019

**EN ISO 6246:2017/prA1**

*Petroleum products - Gum content of fuels - Jet evaporation method - Amendment 1: Change the purity requirement for n-heptane (ISO 6246:2017/DAM 1:2019)*

Språk: en

Kommentarfrist: 12.06.2019

**EN ISO 21809-3:2016/prA1**

Petroleums- og naturgassindustri - Eksterne belegg for nedgravde eller nedsenkede rørledninger brukt i rørledningstransportsystemer - Del 3: Fellesbelegg - Endringsblad 1 (ISO 21809-3:2016/DAmD 1:2019)

*Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - Amendment 1 (ISO 21809-3:2016/DAmD 1:2019)*

Språk: en

Kommentarfrist: 08.07.2019

**prEN ISO 8222**

Målesystemer for petroleum - Kalibrering - Temperaturkorreksjoner ved kalibrering av volumetriske prøvingstanker

*Petroleum measurement systems - Calibration - Temperature corrections for use when calibrating volumetric proving tanks (ISO/DIS 8222:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 14935**

*Petroleum and related products - Determination of wick flame persistence of fire-resistant fluids (ISO/DIS 14935:2019)*

Språk: en

Kommentarfrist: 23.05.2019

**prEN ISO 20088-3**

*Determination of the resistance to cryogenic spillage of insulation materials - Part 3: Jet release (ISO 20088-3:2018)*

Språk: en

Kommentarfrist: 27.06.2019

**prEN ISO 21404**

*Solid biofuels - Determination of ash melting behaviour (ISO/DIS 21404:2019)*

Språk: en

Kommentarfrist: 23.05.2019

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

**ISO 4259-1:2017/DAmD 1**

*Test result validity process is to be moved into a separate reporting limit instruction.*

Språk: en

Kommentarfrist: 28.05.2019

**ISO 4259-2:2017/DAmD 1**

*Correction of several errors in terms of internal references, mistakes in formulas and in sheets*

Språk: en

Kommentarfrist: 28.05.2019

**ISO 6246:2017/DAmD 1**

*Change the purity requirement for n-heptane*

Språk: en

Kommentarfrist: 12.06.2019

**ISO 6614:1994/DAmD 1**

Språk: en

Kommentarfrist: 21.06.2019

**ISO 9120:1997/DAmD 1**

Språk: en

Kommentarfrist: 21.06.2019

**ISO 21809-3:2016/DAmD 1**

*Introduction of mesh-backed coating systems*

Språk: en

Kommentarfrist: 08.07.2019

**ISO/DIS 8222**

*Petroleum measurement systems - Calibration - Temperature corrections for use when calibrating volumetric proving tanks [Revision of first edition (ISO 8222:1987)]*

*Petroleum measurement systems - Calibration - Temperature corrections for use when calibrating volumetric proving tanks [Revision of first edition (ISO 8222:1987)]*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 8222**

*Petroleum measurement systems -- Calibration -- Temperature corrections for use when calibrating volumetric proving tanks*

Språk: en

Kommentarfrist: 09.08.2019

**ISO/DIS 12176-5**

*Plastics pipes and fittings -- Equipment for fusion jointing polyethylene systems -- Part 5: Two-dimensional data coding of components and data exchange format for PE piping systems*

Språk: en

Kommentarfrist: 21.06.2019

**ISO/DIS 12922**

*Lubricants, industrial oils and related products (class L) -- Family H (Hydraulic systems) -- Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 13680**

*Petroleum and natural gas industries -- Corrosion-resistant alloy seamless tubular products for use as casing, tubing, coupling stock and accessory material -- Technical delivery conditions*

Språk: en

Kommentarfrist: 07.07.2019

**ISO/DIS 14935**

*Petroleum and related products - Determination of wick flame persistence of fire-resistant fluids*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 14935**

*Petroleum and related products -- Determination of wick flame persistence of fire-resistant fluids*

Språk: en

Kommentarfrist: 28.07.2019

**ISO/DIS 21404**

*Solid biofuels -- Determination of ash melting behaviour*

Språk: en

Kommentarfrist: 23.05.2019

**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 16389:2017**

*Automotive fuels - Paraffinic diesel fuel and blends with FAME - Background to the parameters required and their respective limits and determination*

Språk: en

**CEN/TR 17103:2017**

*Fast pyrolysis bio-oil for stationary internal combustion engines - Quality 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

**Fastsatte norske standarder**

**NS-EN 13074-1:2019**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 1: Gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation*

Språk: en

**NS-EN 13074-2:2019**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 2: Stabilisering etter gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilization after recovery by evaporation*

Språk: en

**NS-EN 14214:2012+A2:2019**

Flytende petroleumsprodukter - Fettsyremetylestere (FAME) for dieselmotorer og oppvarmingsanlegg - Krav og prøvingsmetoder

*Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods*

Språk: en

**NS-EN 17181:2019**

Smøremidler - Bestemmelse av aerob biologisk nedbrytning av smøremidler med endelig formulering i vandig løsning - Prøvmingsmetode basert på CO<sub>2</sub>-produksjon

*Lubricants - Determination of aerobic biological degradation of fully formulated lubricants in an aqueous solution - Test method based on CO<sub>2</sub>-production*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 13074-1:2011**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 1: Gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation*

Språk: en

Ingen erstatning

**NS-EN 13074-2:2011**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 2: Stabilisering etter gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilisation after recovery by evaporation*

Språk: en

Ingen erstatning

**NS-EN 14214:2012+A1:2014**

Flytende petroleumsprodukter - Fettsyremetylestere (FAME) for dieselmotorer og oppvarmingsanlegg - Krav og prøvingsmetoder

*Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods*

Språk: en

Ingen erstatning

**NS-EN 14214:2012+A1:2014/AC:2014**

Rettelsesblad AC - Flytende petroleumprodukter - Fettsyremetylestere (FAME) for dieselmotorer og oppvarmingsanlegg - Krav og prøvingsmetoder

*Corrigendum AC - Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods*

Språk: en

Ingen erstatning

## 77 Metallurgi

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

**EN 12392:2016/prA1**

Aluminium og aluminiumslegeringer - Plastisk bearbejdede produkter og støpegods - Spesielle krav til produkter beregnet for produksjon av trykkutstyr

*Aluminium and aluminium alloys - Wrought products and cast products - Special requirements for products intended for the production of pressure equipment*

Språk: en

Kommentarfrist: 04.07.2019

**EN ISO 10893-3:2011/prA1**

Ikke-destruktiv prøving av stålrør - Del 3: Automatisk flux-lekkasjefeltprøving av sømløse og sveiste (unntatt pulverbuesveiste) ferromagnetiske stålrør rundt hele omkretsen for påvisning av langsgående og/eller tverrgående uregelmessigheter - Endringsblad 1 (ISO 10893-3:2011/DAM 1:2019)

*Non-destructive testing of steel tubes - Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections - Amendment 1 (ISO 10893-3:2011/DAM 1:2019)*

Språk: en

Kommentarfrist: 20.06.2019

**prEN 10217-7**

Sveiste stålrør for trykkpåkjent utstyr - Tekniske leveringsbetingelser - Del 7: Rustfrie rør

*Welded steel tubes for pressure purposes - Technical delivery conditions - Part 7: Stainless steel tubes*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 13411-4**

Endeavslutninger på ståltau - Sikkerhet - Del 4: Støpte endefester

*Terminations for steel wire ropes - Safety - Part 4: Metal and resin socketing*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 945-1**

Mikrostruktur i støpejern - Del 1: Grafittklassifisering med visuell analyse (ISO/FDIS 945-1:2019)

*Microstructure of cast irons - Part 1: Graphite classification by visual analysis (ISO/FDIS 945-1:2019)*

Språk: en

Kommentarfrist: 10.05.2019

**prEN ISO 10070**

Metallic powders - Determination of envelope-specific surface area from measurements of the permeability to air of a powder bed under steady-state flow conditions (ISO/DIS 10070:2019)

Språk: en

Kommentarfrist: 14.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 4948***Classification of steel based on chemical composition*

Språk: en

Kommentarfrist: 28.05.2019

**ISO/DIS 8044***Corrosion of metals and alloys -- Vocabulary*

Språk: en

Kommentarfrist: 22.06.2019

**ISO/DIS 11971***Steel and iron castings -- Visual testing of surface quality*

Språk: en

Kommentarfrist: 10.05.2019

**ISO/DIS 13680***Petroleum and natural gas industries -- Corrosion-resistant alloy seamless tubular products for use as casing, tubing, coupling stock and accessory material -- Technical delivery conditions*

Språk: en

Kommentarfrist: 07.07.2019

**ISO/DIS 17804***Founding -- Ausferritic spheroidal graphite cast irons -- Classification*

Språk: en

Kommentarfrist: 09.07.2019

**ISO/DIS 26202***Magnesium and magnesium alloys -- Magnesium alloys for cast anodes*

Språk: en

Kommentarfrist: 28.06.2019

**ISO-standarder****ISO 945-4:2019***Microstructure of cast irons -- Part 4: Test method for evaluating nodularity in spheroidal graphite cast irons*

Språk: en

**ISO 4491-4:2019***Metallic powders -- Determination of oxygen content by reduction methods -- Part 4: Total oxygen by reduction-extraction*

Språk: en

Erstatter A00008:20:061879

**ISO 11484:2019***Steel products -- Employer's qualification system for non-destructive testing (NDT) personnel*

Språk: en

Erstatter A00008:20:051259

**ISO 12725:2019***Nickel and nickel alloy castings*

Språk: en

Erstatter A00008:20:001766

**ISO 23163:2019***Nickel and nickel alloys -- Refined nickel -- Sampling*

Språk: en

**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 17144:2017**

*Resistance of metallic materials to liquid biogenic and alternative fuels and their blends*

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 683-3:2019**

Varmebehandlede stål, legerte stål og stål for maskinering - Del 3: Settherdingsstål (ISO 683-3:2019)

*Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels (ISO 683-3:2019)*

Språk: en

**NS-EN ISO 15630-1:2019**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 1: Stenger, valsetråd og tråd til ordinær armering (ISO 15630-1:2019)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, rods and wire (ISO 15630-1:2019)*

Språk: en

**NS-EN ISO 15630-2:2019**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 2: Sveiste nett og gitterbjelker (ISO 15630-2:2019)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric and lattice girders (ISO 15630-2:2019)*

Språk: en

**NS-EN ISO 15630-3:2019**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 3: Spennstål (ISO 15630-3:2019)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel (ISO 15630-3:2019)*

Språk: en

**NS-ISO 16020:2005**

Stål til armering og forspenning av betong - Terminologi

*Steel for the reinforcement and prestressing of concrete - Vocabulary*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 683-3:2018**

Varmebehandlede stål, legerte stål og stål for maskinering - Del 3: Settherdingsstål (ISO 683-3:2016)

*Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels (ISO 683-3:2016)*

Språk: en

Ingen erstatning



**NS-EN ISO 15630-1:2010**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 1: Stenger, valsetråd og tråd til ordinær armering (ISO 15630-1:2010)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire (ISO 15630-1:2010)*

Språk: en

Ingen erstatning

**NS-EN ISO 15630-2:2010**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 2: Sveiste nett (ISO 15630-2:2010)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric (ISO 15630-2:2010)*

Språk: en

Ingen erstatning

**NS-EN ISO 15630-3:2010**

Stål til armering og forspenning av betong - Prøvningsmetoder - Del 3: Spennstål (ISO 15630-3:2010)

*Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel (ISO 15630-3:2010)*

Språk: en

Ingen erstatning

## 79 Treteknikk

**Standardforslag til høring - europeiske (CEN)****prEN 13629**

Tregulv - Gulvbord av løvtre, heltre og sammensatte

*Wood flooring - Solid individual and pre-assembled hardwood boards*

Språk: en

Kommentarfrist: 09.05.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 2067**

Granulated cork - Sampling [Revision of second edition (ISO 2067:1988)]

*Granulated cork - Sampling [Revision of second edition (ISO 2067:1988)]*

Språk: en

Kommentarfrist: 03.06.2019

**ISO/DIS 17300-1**

Wood residue and post-consumer wood -- Classification -- Part 1: Vocabulary

Språk: en

Kommentarfrist: 11.06.2019

**ISO/DIS 24337**

Laminate floor coverings -- Determination of geometrical characteristics

Språk: en

Kommentarfrist: 18.05.2019

**ISO-standarder****ISO 19085-9:2019**

Woodworking machines -- Safety -- Part 9: Circular saw benches (with and without sliding table)

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 lignocellosic material*

Språk: en

**81 Glassindustri og keramisk industri****ISO-standarder****ISO 20501:2019**

*Fine ceramics (advanced ceramics, advanced technical ceramics) -- Weibull statistics for strength data*

Språk: en

Erstatter A00008:20:034188,A00008:20:055056

**83 Gummi- og plastindustri****Standardforslag til høring - europeiske (CEN)****EN 12608-1:2016/prA1**

Uplastifiserte PVC-profiler (PVC-U) for framstilling av vinduer og dører - Klassifisering, krav og prøvingsmetoder - Del 1: Ubelagte PVC-U-profiler med lys farget overflate

*Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods - Part 1: Non-coated PVC-U profiles with light coloured surfaces*

Språk: en

Kommentarfrist: 11.07.2019

**prEN 17347**

*Road vehicles - Machines for mounting and demounting vehicle tyres - Safety requirements*

Språk: en

Kommentarfrist: 18.07.2019

**prEN ISO 75-1:2019**

*Plastics - Determination of temperature of deflection under load - Part 1: General test method (ISO/DIS 75-1:2019)*

Språk: en

Kommentarfrist: 23.05.2019

**prEN ISO 4577**

Plast - Polypropylen og propylen-kopolymerer - Bestemmelse av termisk oksidasjonsstabilitet i luft - Ovnsmetode

*Plastics - Polypropylene and propylene-copolymers - Determination of thermal oxidative stability in air - Oven method*

Språk: en

Kommentarfrist: 17.06.2019

**prEN ISO 8659**

Ventiler av termoplast - Utmattingsfasthet - Prøvingsmetode (ISO/DIS 8659:2019)

*Thermoplastics valves - Fatigue strength - Test method (ISO/DIS 8659:2019)*

Språk: en

Kommentarfrist: 28.06.2019

**prEN ISO 13468-1**

*Plastics - Determination of the total luminous transmittance of transparent materials - Part 1: Single-beam instrument (ISO/FDIS 13468-1:2019)*

Språk: en

Kommentarfrist: 10.05.2019

**prEN ISO 19064-2**

*Plastics - Styrene-acrylonitrile (SAN) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 19064-2:2019)*

Språk: en

Kommentarfrist: 03.06.2019

**prEN ISO 19066-2**

*Plastics - Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 19066-2:2019)*

Språk: en

Kommentarfrist: 03.06.2019

**prEN ISO 21970-1**

*Plast - Polyketonmaterialer (PK) for formstøping og ekstrudering - Del 1: Betegnelsessystem og underlag for spesifikasjoner (ISO/FDIS 21970-1:2019)*

*Plastics - Polyketone (PK) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/FDIS 21970-1:2019)*

Språk: en

Kommentarfrist: 11.06.2019

**prEN ISO 21970-2**

*Plast - Polyketonmaterialer (PK) for formstøping og ekstrudering - Del 2: Tillaging av prøvelegemer og bestemmelse av egenskaper (ISO/FDIS 21970-2:2019)*

*Plastics - Polyketone (PK) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/FDIS 21970-2:2019)*

Språk: en

Kommentarfrist: 11.06.2019

**prEN ISO 24022-1**

*Plastics - Polystyrene (PS) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/DIS 24022-1:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24022-2**

*Plastics - Polystyrene (PS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 24022-2:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24023-1**

*Plastics - Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/DIS 24023-1:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24023-2**

*Plastics - Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 24023-2:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24024-1**

*Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 1: Designation system and basis for specifications (ISO/DIS 24024-1:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24024-2**

*Plastics - Homopolymer and copolymer resins of vinyl chloride - Part 2: Preparation of test samples and determination of properties (ISO/DIS 24024-2:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24025-1**

*Plastics - Sulfone polymer moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/DIS 24025-1:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24025-2**

*Plastics - Sulfone polymer moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 24025-2:2019)*

Språk: en

Kommentarfrist: 31.05.2019

**prEN ISO 24026-1**

*Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO/DIS 24026-1:2019)*

Språk: en

Kommentarfrist: 10.06.2019

**prEN ISO 24026-2**

*Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO/DIS 24026-2:2019)*

Språk: en

Kommentarfrist: 10.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 75-1**

*Plastics - Determination of temperature of deflection under load - Part 1: General test method [Revision of first edition (ISO 75-1:1993)]*

*Plastics - Determination of temperature of deflection under load - Part 1: General test method [Revision of first edition (ISO 75-1:1993)]*

Språk: en

Kommentarfrist: 23.05.2019

**ISO/DIS 1436**

*Rubber hoses and hose assemblies - Wire braid reinforced hydraulic type - Specification [Revision of third edition (ISO 1436:1991)]*

*Rubber hoses and hose assemblies - Wire braid reinforced hydraulic type - Specification [Revision of third edition (ISO 1436:1991)]*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 3862**

*Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification [Revision of second edition (ISO 3862:1991)]*

*Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification [Revision of second edition (ISO 3862:1991)]*

Språk: en

Kommentarfrist: 03.07.2019

**ISO/DIS 4079**

Rubber hoses and hose assemblies - Textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 4079:1991)]  
*Rubber hoses and hose assemblies - Textile-reinforced hydraulic type - Specification [Revision of second edition (ISO 4079:1991)]*

Språk: en

Kommentarfrist: 02.07.2019

**ISO/DIS 8659**

*Thermoplastics valves -- Fatigue strength -- Test method*

Språk: en

Kommentarfrist: 28.06.2019

**ISO/DIS 16620-2**

*Plastics -- Biobased content -- Part 2: Determination of biobased carbon content*

Språk: en

Kommentarfrist: 27.05.2019

**ISO/DIS 22766**

*Plastics -- Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions*

Språk: en

Kommentarfrist: 27.05.2019

**ISO-standarder****ISO 178:2019**

*Plastics -- Determination of flexural properties*

Språk: en

Erstatter A00008:20:045091,A00008:20:060778

**ISO 248-2:2019**

*Rubber, raw -- Determination of volatile-matter content -- Part 2: Thermogravimetric methods using an automatic analyser with an infrared drying unit*

Språk: en

Erstatter A00008:20:051796

**ISO 307:2019**

*Plastics -- Polyamides -- Determination of viscosity number*

Språk: en

Erstatter A00008:20:037361,A00008:20:060408

**ISO 2303:2019**

*Isoprene rubber (IR) -- Non-oil-extended, solution-polymerized types -- Evaluation procedures*

Språk: en

Erstatter A00008:20:052995

**ISO 6721-1:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 1: General principles*

Språk: en

Erstatter A00008:20:057312

**ISO 6721-2:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 2: Torsion-pendulum method*

Språk: en

Erstatter A00008:20:043492

**ISO 6721-4:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 4: Tensile vibration -- Non-resonance method*

Språk: en

Erstatter A00008:20:043493

**ISO 6721-5:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 5: Flexural vibration -- Non-resonance method*

Språk: en

Erstatter A00008:20:023978,A00008:20:036259

**ISO 6721-6:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 6: Shear vibration -- Non-resonance method*

Språk: en

Erstatter A00008:20:023979,A00008:20:036261

**ISO 6721-7:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 7: Torsional vibration -- Non-resonance method*

Språk: en

Erstatter A00008:20:024332,A00008:20:036262

**ISO 6721-8:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 8: Longitudinal and shear vibration -- Wave-propagation method*

Språk: en

Erstatter A00008:20:025169

**ISO 6721-9:2019**

*Plastics -- Determination of dynamic mechanical properties -- Part 9: Tensile vibration -- Sonic-pulse propagation method*

Språk: en

Erstatter A00008:20:025913,A00008:20:038238

**ISO 11003-1:2019**

*Adhesives -- Determination of shear behaviour of structural adhesives -- Part 1: Torsion test method using butt-bonded hollow cylinders*

Språk: en

Erstatter A00008:20:031289

**ISO 14851:2019**

*Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium -- Method by measuring the oxygen demand in a closed respirometer*

Språk: en

Erstatter A00008:20:025765,A00008:20:042153

**ISO 15509:2019**

*Adhesives -- Determination of the bond strength of engineering-plastic joints*

Språk: en

Erstatter A00008:20:027332

**ISO 15512:2019**

*Plastics -- Determination of water content*

Språk: en

Erstatter A00008:20:070025

**ISO 21304-1:2019**

*Plastics -- Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials -- Part 1: Designation system and basis for specifications*

Språk: en

Erstatter A00008:20:030102

**ISO 21306-1:2019**

*Plastics -- Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials -- Part 1: Designation system and basis for specifications*

Språk: en

Erstatter A00008:20:023984

**ISO 21306-2:2019**

*Plastics -- Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties*

Språk: en

Erstatter A00008:20:005738

**ISO 21746:2019**

*Composites and metal assemblies -- Galvanic corrosion tests of carbon fibre reinforced plastics (CFRPs) related bonded or fastened structures in artificial atmospheres -- Salt spray tests*

Språk: en

**ISO/TR 20118:2019**

*Plastics -- Guidance on fire characteristics and fire performance of PVC materials used in building applications*

Språk: en

**ISO/TS 19278:2019**

*Plastics -- Instrumented micro-indentation test for hardness measurement*

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/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 14243-1:2019**

Materialer fra kasserte dekk - Del 1: Generelle definisjoner av metoder for å bestemme dimensjon(er) og urenheter

*Materials obtained from end of life tyres - Part 1: General definitions related to the methods for determining their dimension(s) and impurities*

Språk: en

**NS-EN 14243-2:2019**

Materialer fra kasserte dekk - Del 2: Granulater og pulvere - Metoder for å bestemme fordeling av partikkelstørrelse og urenheter, innbefattet mengde av stål og tekstiler

*Materials obtained from end of life tyres - Part 2: Granulates and powders - Methods for determining the particle size distribution and impurities, including free steel and free textile content*

Språk: en

**NS-EN 14243-3:2019**

Materialer fra kasserte dekk - Del 3: Remser, biter og fliser - Metoder for å bestemme dimensjoner, innbefattet dimensjoner på utstikkende filamenter

*Materials obtained from end of life tyres - Part 3: Shreds, cuts and chips - Methods for determining their dimension(s) including protruding filaments dimensions*

Språk: en

**NS-EN ISO 294-4:2019**

Plast - Sprøytstøping av prøvelegemer av termoplastmaterialer - Del 4: Bestemmelse av krymping ved støping (ISO 294-4:2018)

*Plastics - Injection moulding of test specimens of thermoplastic materials - Part 4: Determination of moulding shrinkage (ISO 294-4:2018)*

Språk: en

**NS-EN ISO 2818:2019**

Plast - Tillaging av prøvelegemer ved maskinering (ISO 2818:2018)

*Plastics - Preparation of test specimens by machining (ISO 2818:2018)*

Språk: en

**Tilbaketrukkne norske standarder****NS-EN ISO 294-4:2003**

Plast - Sprøytstøping av prøvelegemer av termoplastmaterialer - Del 4: Bestemmelse av krymping ved støping (ISO 294-4:2001)

*Plastics - Injection moulding of test specimens of thermoplastic materials - Part 4: Determination of moulding shrinkage (ISO 294-4:2001)*

Språk: en

Ingen erstatning

**NS-EN ISO 2818:1996**

Plast - Tillaging av prøvelegemer ved maskinering (ISO 2818:1994)

*Plastics - Preparation of test specimens by machining (ISO 2818:1994)*

Språk: en

Ingen erstatning

**85 Papirteknikk****Standardforslag til høring - europeiske (CEN)****prEN ISO 536**

*Paper and board - Determination of grammage (ISO/DIS 536:2019)*

Språk: en

Kommentarfrist: 06.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 536**

*Paper and board - Determination of grammage*

Språk: en

Kommentarfrist: 06.06.2019



### ISO-standarder

#### **ISO 11093-9:2019**

*Paper and board -- Testing of cores -- Part 9: Determination of flat crush resistance*

Språk: en

Erstatter A00008:20:037418

#### **ISO 12625-1:2019**

*Tissue paper and tissue products -- Part 1: Vocabulary*

Språk: en

Erstatter A00008:20:053422

### Rapporter fra CEN (CR)

#### **CEN/TS 17217:2018**

*Postal services - Reverse envelope - Design and printing requirements*

Språk: en

### Fastsatte norske standarder

#### **NS-EN 17163:2019**

Papirmasse, papir og papp - Bestemmelse av primære aromatiske aminer (PAA) i et vannekstrakt med en LC-MS-metode  
*Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC-MS method*

Språk: en

#### **NS-EN ISO 7263-1:2019**

Bølgesjiktspapir - Bestemmelse av plansammentrykningsmotstand av laboratorieframstilt bølgepapp - Del 1: A-bølge (ISO 7263-1:2018)

*Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 1: A-flute (ISO 7263-1:2018)*

Språk: en

#### **NS-EN ISO 7263-2:2019**

Bølgesjiktspapir - Bestemmelse av plansammentrykningsmotstand av laboratorieframstilt bølgepapp - Del 2: B-bølge (ISO 7263-2:2018)

*Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute (ISO 7263-2:2018)*

Språk: en

### Tilbaketrukne norske standarder

#### **NS-EN ISO 7263:2011**

Bølgesjiktspapir - Bestemmelse av plansammentrykningsmotstand av laboratorieframstilt bølgepapp (ISO 7263:2011)

*Corrugating medium - Determination of the flat crush resistance after laboratory fluting (ISO 7263:2011)*

Språk: en

Ingen erstatning

## **87 Maling- og lakkindustri**

### Standardforslag til høring - europeiske (CEN)

#### **EN ISO 21809-3:2016/prA1**

Petroleums- og naturgassindustri - Eksterne belegg for nedgravde eller nedsenkede rørledninger brukt i rørledningstransportsystemer - Del 3: Fellesbelegg - Endringsblad 1 (ISO 21809-3:2016/DAmD 1:2019)

*Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings - Amendment 1 (ISO 21809-3:2016/DAmD 1:2019)*

Språk: en

Kommentarfrist: 08.07.2019

**prEN ISO 787-13**

Generelle metoder for prøving av pigmenter - Del 13: Bestemmelse av vannløselige sulfater, klorider og nitrater (ISO/FDIS 787-13:2019)

*General methods of test for pigments and extenders - Part 13: Determination of water-soluble sulfates, chlorides and nitrates (ISO/FDIS 787-13:2019)*

Språk: en

Kommentarfrist: 01.07.2019

**prEN ISO 787-15**

Generelle metoder for prøving av pigmenter og ekstendere - Del 15: Sammenligning av lysekthet for like typer av fargede pigmenter (ISO/FDIS 787-15:2019)

*General methods of test for pigments and extenders - Part 15: Comparison of resistance to light of coloured pigments of similar types (ISO/FDIS 787-15:2019)*

Språk: en

Kommentarfrist: 03.07.2019

**prEN ISO 11890-2**

Maling og lakk - Bestemmelse av innhold av flyktige organiske forbindelser (VOC) - Del 2: Gasskromatografisk metode

*Paints and varnishes - Determination of volatile organic compound (VOC) content - Part 2: Gas-chromatographic method*

Språk: en

Kommentarfrist: 10.07.2019

**prEN ISO 13076**

Maling og lakk - Belysning og prosedyre for visuel bedømmelse av belegg (ISO/DIS 13076:2019)

*Paints and varnishes - Lighting and procedure for visual assessments of coatings (ISO/DIS 13076:2019)*

Språk: en

Kommentarfrist: 05.07.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 276**

*Binders for paints and varnishes -- Linseed stand oil -- Requirements and methods of test*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 11890-2**

*Paints and varnishes -- Determination of volatile organic compound (VOC) and semi volatile organic compound (SVOC) content -- Part 2: Gas-chromatographic method*

Språk: en

Kommentarfrist: 13.09.2019

**ISO/DIS 11890-2**

*Paints and varnishes - Determination of volatile organic compound (VOC) content - Part 2 Gas chromatographic method*

Språk: en

Kommentarfrist: 09.07.2019

**ISO/DIS 13076**

*Paints and varnishes -- Lighting and procedure for visual assessments*

Språk: en

Kommentarfrist: 05.07.2019

**ISO/DIS 13076**

*Paints and varnishes -- Lighting and procedure for visual assessments of coatings*

Språk: en

Kommentarfrist: 09.09.2019

**ISO/DIS 23169**

*Paints and varnishes -- On-site test methods on quality assessment for interior wall coatings*

Språk: en

Kommentarfrist: 01.07.2019

**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 927-9:2018**

*Paints and varnishes - Coating materials and coating systems for exterior wood - Part 9: Determination of pull-off strength after water exposure*

Språk: en

**Fastsatte norske standarder****NS-EN 16402:2019**

Maling og lakk - Bestemmelse av utskillelse av stoffer fra belegg til inneluft - Prøvetaking, kondisjonering og prøving

*Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing*

Språk: en

**Tilbaketrukne norske standarder****NS-EN 16402:2013**

Maling og lakk - Bestemmelse av utskillelse av stoffer fra belegg til inneluft - Prøvetaking, kondisjonering og prøving

*Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing*

Språk: en

Ingen erstatning

**90****Fastsatte norske standarder****NS-EN 81-28:2018+AC:2019**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*

Språk: en

**NS-EN 1176-6:2017+AC:2019**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: no

**NS-EN 1176-4:2017+AC:2019**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: en

**NS-EN 1176-6:2017+AC:2019**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: en

## Tilbaketrukne norske standarder

### **NS-EN 81-28:2018**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*

Språk: en

Ingen erstatning

### **NS-EN 1176-4:2017**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: no

Ingen erstatning

### **NS-EN 1176-6:2017**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: no

Ingen erstatning

### **NS-EN 1176-4:2017**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: en

Ingen erstatning

### **NS-EN 1176-6:2017**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: en

Ingen erstatning

### **NS-EN 13200-1:2012**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: en

Ingen erstatning

### **NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: en

Ingen erstatning

### **NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: no

Ingen erstatning

## 91 Bygningsmaterialer og bygging

### Standardforslag til høring - nasjonale

#### **prNS 3418**

Konkurransesgrunnlag og ytelsesbeskrivelser for prosjekterings- og rådgivningsoppdrag

*Tender documents and performance description for design, engineering and consulting services*

Språk: no

Kommentarfrist: 15.07.2019

#### **prNS 3420-T:2015/A1:2019**

Beskrivelsestekster for bygg, anlegg og installasjoner - Del T: Maler- og beleggarbeider

*Specification texts for building, construction and installations - Part T: Painting, papering and flooring*

Språk: no

Kommentarfrist: 30.06.2019

### Standardforslag til høring - europeiske (CEN)

#### **EN 1366-1:2014/prA1**

Prøving av brannmotstanden til tekniske installasjoner - Del 1: Ventilasjonkanaler

*Fire resistance tests for service installations - Part 1: Ventilation ducts*

Språk: en

Kommentarfrist: 06.06.2019

#### **EN 1366-12:2014/prA1**

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

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

Språk: en

Kommentarfrist: 06.06.2019

#### **EN 12608-1:2016/prA1**

Uplastifiserte PVC-profiler (PVC-U) for framstilling av vinduer og dører - Klassifisering, krav og prøvingsmetoder - Del 1: Ubelagte PVC-U-profiler med lys farget overflate

*Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods - Part 1: Non-coated PVC-U profiles with light coloured surfaces*

Språk: en

Kommentarfrist: 11.07.2019

#### **prEN 197-2**

Sement - Del 2: Evaluering av samsvar

*Cement - Part 2: Conformity evaluation*

Språk: en

Kommentarfrist: 23.05.2019

#### **prEN 933-2**

Prøvingsmetoder for geometriske egenskaper for tilslag - Del 2: Bestemmelse av kornstørrelsesfordeling - Sikter, nominell størrelse av siktåpninger

*Tests for geometrical properties of aggregates - Part 2: Determination of particle size distribution - Test sieves, nominal size of apertures*

Språk: en

Kommentarfrist: 09.05.2019

#### **prEN 1627**

Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1628**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1629**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 1630**

*Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 12405-1**

*Gassmålere - Konversjonsinnretninger - Del 1: Volumkonversjon*

*Gas meters - Conversion devices - Part 1: Volume conversion*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 13629**

*Tregulv - Gulvbord av løvtre, heltre og sammensatte*

*Wood flooring - Solid individual and pre-assembled hardwood boards*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 15388**

v

*Agglomerated stone - Slabs and cut-to-size products for vanity and kitchen tops*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 15684**

*Byggningsbeslag - Mekatronikk-sylindere - Krav og prøvingsmetoder*

*Building hardware - Mechatronic cylinders - Requirements and test methods*

Språk: en

Kommentarfrist: 20.06.2019

**prEN 16361**

*Power operated pedestrian doorsets - Product standard, performance characteristics - Pedestrian doorsets, other than swing type, initially designed for installation with power operation*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 17210**

*Accessibility and usability of the built environment - Functional requirements*

Språk: en

Kommentarfrist: 04.07.2019

**prEN 17372**

*Power operated pedestrian swing door drives with self closing function - Requirements and test methods*

Språk: en

Kommentarfrist: 20.06.2019

**prEN ISO 11691**

Akustikk - Bestemmelse av innskuddstap for lydempere uten bruk av luftstrøm - Forenklet laboratoriemetode (ISO/DIS 11691:2019)

*Acoustics - Measurement of insertion loss of ducted silencers without flow - Laboratory survey method (ISO/DIS 11691:2019)*

Språk: en

Kommentarfrist: 26.06.2019

**prEN ISO 12999-1**

Akustikk - Bestemmelse og bruk av måleusikkerhet i bygningsakustikk - Del 1: Lydisolasjon (ISO/DIS 12999-1:2019)

*Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 1: Sound insulation (ISO/DIS 12999-1:2019)*

Språk: en

Kommentarfrist: 27.05.2019

**prEN ISO 16534**

*Thermal insulating products for building applications - Determination of compressive creep (ISO/DIS 16534:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 16546**

*Thermal insulating products for building applications - Determination of freeze-thaw resistance (ISO/DIS 16546:2019)*

Språk: en

Kommentarfrist: 04.06.2019

**prEN ISO 23387**

*Building Information Modelling (BIM) - Data templates for construction objects used in the life cycle of any built asset - Concepts and principles (ISO/DIS 23387:2019)*

Språk: en

Kommentarfrist: 05.06.2019

**prEN ISO 29464**

*Cleaning of air and other gases - Terminology (ISO 29464:2017)*

Språk: en

Kommentarfrist: 04.07.2019

**prEN ISO 29470**

*Thermal insulating products for building applications - Determination of the apparent density (ISO/DIS 29470:2019)*

Språk: en

Kommentarfrist: 04.06.2019

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

**ISO/DIS 8100-32**

*Lifts for the transportation of persons and goods -- Part 32: Planning and selection of passenger lifts to be installed in office, hotel and residential buildings*

Språk: en

Kommentarfrist: 29.05.2019

**ISO/DIS 11691**

Språk: en

Kommentarfrist: 26.06.2019

**ISO/DIS 12999-1**

Akustikk - Bestemmelse og bruk av måleusikkerhet i bygningsakustikk - Del 1: Lydisolasjon

*Acoustics -- Determination and application of measurement uncertainties in building acoustics -- Part 1: Sound insulation*

Språk: en

Kommentarfrist: 27.05.2019

**ISO/DIS 12999-1**

*Acoustics -- Determination and application of measurement uncertainties in building acoustics -- Part 1: Sound insulation*

Språk: en

Kommentarfrist: 01.08.2019

**ISO/DIS 16534**

*Thermal insulating products for building applications -- Determination of compressive creep*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 16534**

*Thermal insulating products for building applications -- Determination of compressive creep*

Språk: en

Kommentarfrist: 09.08.2019

**ISO/DIS 16546**

*Thermal insulating products for building applications -- Determination of freeze-thaw resistance*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 16546**

*Thermal insulating products for building applications -- Determination of freeze-thaw resistance*

Språk: en

Kommentarfrist: 09.08.2019

**ISO/DIS 21138-1**

*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 1: Material specification and performance criteria for pipes, fittings and the system*

Språk: en

Kommentarfrist: 10.06.2019

**ISO/DIS 22031**

*Sampling and test method for cleanable filter media taken from filters of systems in operation*

Språk: en

Kommentarfrist: 21.06.2019

**ISO/DIS 22111**

*Bases for design of structures -- General requirements*

Språk: en

Kommentarfrist: 08.07.2019

**ISO/DIS 23387**

*Building Information Modelling (BIM) -- Data templates for construction objects used in the life cycle of any built asset -- Concepts and principles*

Språk: en

Kommentarfrist: 05.06.2019

**ISO/DIS 29470**

*Thermal insulating products for building applications -- Determination of the apparent density*

Språk: en

Kommentarfrist: 04.06.2019

**ISO/DIS 29470**

*Thermal insulating products for building applications -- Determination of the apparent density*

Språk: en

Kommentarfrist: 09.08.2019



**ISO-standarder****ISO 11177:2019**

*Vitreous and porcelain enamels -- Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply -- Quality requirements and testing*

Språk: en

Erstatter A00008:20:062853

**ISO/TS 8100-3:2019**

*Lifts for the transport of persons and goods -- Part 3: Requirements from other Standards (ASME A17.1/CSA B44 and JIS A 4307-1/JIS A 4307-2) not included in ISO 8100-1 or ISO 8100-2*

Språk: en

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

*Multilayer piping systems for hot and cold water installations inside buildings -- Part 7: Guidance for the assessment of conformity*

Språk: en

Erstatter A00008:20:046528,A00008:20:055271

**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*

Språk: en

**Rapporter fra CEN (CR)****CEN ISO/TR 52000-2:2017**

*Energy performance of buildings - Overarching EPB assessment - Part 2: Explanation and justification of ISO 52000-1 (ISO/TR 52000-2:2017)*

Språk: en

**CEN ISO/TR 52003-2:2017**

*Energy performance of buildings - Indicators, requirements, ratings and certificates - Part 2: Explanation and justification of ISO 52003-1 (ISO/TR 52003-2:2017)*

Språk: en

**CEN ISO/TR 52010-2:2017**

*Bygningers energiytelse - Ytre miljøforhold - Del 2: Forklaring av og begrunnelse for ISO 52010-1 (ISO/DTR 52010-2:2016)*

*Energy performance of buildings - External climatic conditions - Part 2: Explanation and justification of ISO 52010-1 (ISO/TR 52010-2:2017)*

Språk: en

**CEN ISO/TR 52016-2:2017**

*Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 2: Explanation and justification of ISO 52016-1 and ISO 52017-1 (ISO/TR 52016-2:2017)*

Språk: en

**CEN ISO/TR 52018-2:2017**

*Energy performance of buildings - Indicators for partial EPB requirements related to thermal energy balance and fabric features - Part 2: Explanation and justification of ISO 52018-1 (ISO/TR 52018-2:2017)*

Språk: en

**CEN ISO/TR 52019-2:2017**

*Bygningers energiytelse - Bygningskomponenter og bygningsdelers hygrotermiske egenskaper - Del 2: Forklaring og begrunnelse (ISO/DTR 52019-2:2016)*

*Energy performance of buildings - Hygrothermal performance of building components and building elements - Part 2: Explanation and justification (ISO/TR 52019-2:2017)*

Språk: en

**CEN ISO/TR 52022-2:2017**

*Energy performance of buildings - Thermal, solar and daylight properties of building components and elements - Part 2: Explanation and justification (ISO/TR 52022-2:2017)*

Språk: en

**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 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)*

Språk: en

**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 115-3:2017**

*Safety of escalators and moving walks - Part 3: Correlation between EN 115-1:2008+A1:2010 and EN 115-1:2017*

Språk: en

**CEN/TR 12831-2:2017**

*Energy performance of buildings - Method for calculation of the design heat load - Part 2: Explanation and justification of EN 12831-1, Module M3-3*

Språk: en

**CEN/TR 12831-4:2017**

*Energy performance of buildings - Method for calculation of the design heat load - Part 4: Explanation and justification of EN 12831-3, Module M8-2, M8-3*

Språk: en

**CEN/TR 15316-6-4:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-4: Explanation and justification of EN 15316-4-1, Module M3-8-1, M8-8-1*

Språk: en

**CEN/TR 15316-6-3:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-3: Explanation and justification of 15316-3, Module M3-6, M4-6, M8-6*

Språk: en

**CEN/TR 15316-6-10:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-10: Explanation and justification of EN 15316-5, Module M3-7, M8-7*

Språk: en

**CEN/TR 15316-6-5:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-5: Explanation and justification of EN 15316-4-2, Module M3-8*

Språk: en

**CEN/TR 15316-6-6:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-6: Explanation and justification of EN 15316-4-3, Module M3-8-3, M8-8-3*

Språk: en

**CEN/TR 15316-6-8:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-8: Explanation and justification of EN 15316-4-5 (District heating and cooling), Module M3-8-5, M4-8-5, M8-8-5, M11-8-5*

Språk: en

**CEN/TR 15316-6-2:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-2: Explanation and justification of EN 15316-2, Module M3-5, M4-5*

Språk: en

**CEN/TR 15316-6-9:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-9: Explanation and justification of EN 15316-4-8, Module M3-8-8*

Språk: en

**CEN/TR 15316-6-1:2017**

*Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies - Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4*

Språk: en

**CEN/TR 15316-6-7:2017**

*Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4*

Språk: en

**CEN/TR 15378-2:2017**

*Energy performance of buildings - Heating systems and DHW in buildings - Part 2: Explanation and justification of EN 15378-1, Module M3-11 and M8-11*

Språk: en

**CEN/TR 15378-4:2017**

*Energy performance of buildings - Heating systems and DHW in buildings - Part 4: Explanation and justification of EN 15378-3, Module M3-10, M8-10*

Språk: en

**CEN/TR 15459-2:2017**

*Energy performance of buildings - Economic evaluation procedure for energy systems in buildings - Part 2: Explanation and justification of EN 15459-1, Module M1-14*

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 16798-4:2017**

*Energy performance of buildings - Ventilation for buildings - Part 4: Interpretation of the requirements in EN 16798-3 - For non-residential buildings - Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)*

Språk: en

**CEN/TR 16798-6:2017**

*Energy performance of buildings - Ventilation for buildings - Part 6: Interpretation of the requirements in EN 16798-5-1 and EN 16798-5-2 - Calculation methods for energy requirements of ventilation and air conditioning systems (Modules M5-6, M5-8, M6-5, M6-8, M7-5, M7-8)*

Språk: en

**CEN/TR 16798-8:2017**

*Energy performance of buildings - Ventilation for buildings - Part 8: Interpretation of the requirements in EN 16798-7 - Calculation methods for the determination of air flow rates in buildings including infiltration - (Module M5-5)*

Språk: en

**CEN/TR 16798-10:2017**

*Energy performance of buildings - Ventilation for buildings - Part 10: Interpretation of the requirements in EN 16798-9 - Calculation methods for energy requirements of cooling systems (Module M4-1, M4-4, M4-9) - General*

Språk: en

**CEN/TR 16798-14:2017**

*Energy performance of buildings - Ventilation for buildings - Part 14: Interpretation of the requirements in EN 16798-13 - Calculation of cooling systems (Module M4-8) - Generation*

Språk: en

**CEN/TR 16798-16:2017**

*Energy performance of buildings - Ventilation for buildings - Part 16: Interpretation of the requirements in EN 16798-15 - Calculation of cooling systems (Module M4-7) - Storage*

Språk: en

**CEN/TR 16798-18:2017**

*Energy performance of buildings - Ventilation for buildings - Part 18: Interpretation of the requirements in EN 16798-17 - Guidelines for inspection of ventilation and air-conditioning systems (Modules M4-11, M5-11, M6-11, M7-11)*

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 17105:2017**

*Construction products - Assessment of release of dangerous substances - Guidance on the use of ecotoxicity tests applied to construction products*

Språk: en

**CEN/TR 17113:2017**

*Byggevarer - Vurdering av frigjøring av farlige stoffer - Stråling fra byggevarer - Dosevurdering av avgitt gammastråling*  
*Construction products - Assessment of release of dangerous substances - Radiation from construction products - Dose assessment of emitted gamma radiation*

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 CO2 uptake in concrete*

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 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 16637-1:2018**

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

*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

**Fastsatte norske standarder****NS 3935:2019**

Integrerte tekniske bygningsinstallasjoner (ITB) - Prosjektering, utførelse og idriftsettelse  
*Integrated technical building installations (ITB) - Designing, implementation and commissioning*

Språk: no

**NS-EN 81-28:2018+AC:2019**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*

Språk: en

**NS-EN 81-71:2018+AC:2019**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Spesielle løsninger for personheiser og vare- og personheiser - Del 71: Vandalsikre heiser

*Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts*

Språk: en

**NS-EN 13074-1:2019**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 1: Gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation*

Språk: en

**NS-EN 13074-2:2019**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 2: Stabilisering etter gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilization after recovery by evaporation*

Språk: en

**NS-EN 13141-1:2019**

Ventilasjon i bygninger - Ytelsesprøving av komponenter/produkter for boligventilasjon - Del 1: Enheter for luftoverføring plassert i ytter- og innervegg

*Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 1: Externally and internally mounted air transfer devices*

Språk: en

**NS-EN 13200-1:2019**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: en

**NS-EN 13454-2:2019**

Bindemidler for støpte gulvbelegg basert på kalsiumsulfat - Del 2: Prøvmingsmetoder

*Binders for floor screeds based on calcium sulphate - Part 2: Test methods*

Språk: en

**NS-EN 14134:2019**

Ventilasjon i bygninger - Ytelsesmåling og kontroll av ventilasjonssystemer i boliger

*Ventilation for buildings - Performance measurement and checks for residential ventilation systems*

Språk: en

**NS-EN 16140:2019**

Prøvningsmetoder for naturstein - Bestemmelse av følsomhet for endringer i overflaten forårsaket av temperatursvingninger  
*Natural stone test methods - Determination of sensitivity to changes in appearance produced by thermal cycles*  
Språk: en

**NS-EN 17087:2019**

Byggevarer: Vurdering av frigjøring av farlige stoffer - Tillaging av prøvemengde fra laboratorieprøven for prøving av frigjøring og analyse av innhold  
*Construction products: Assessment of release of dangerous substances - Preparation of test portions from the laboratory sample for testing of release and analysis of content*  
Språk: en

**NS-EN 17160:2019**

Produktkategoriregler for keramiske fliser  
*Product category rules for ceramic tiles*  
Språk: en

**NS-EN ISO 11296-7:2019**

Rørledninger av plast for rehabilitering av trykkløse avløpsledninger i grunnen - Del 7: Føring med spiralførmede rør (ISO 11296-7:2019)  
*Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2019)*  
Språk: en

**Tilbaketrukne norske standarder**

**NS 3935:2011**

Integrerte tekniske bygningsinstallasjoner (ITB) - Prosjektering, utførelse og idriftsettelse  
*Integrated technical building installations (ITB) - Designing, implementation and commissioning*  
Språk: no  
Ingen erstatning

**NS-EN 81-28:2018**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Heiser for transport av personer og varer - Del 28: Fjernalarm på personheiser og vare- og personheiser  
*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts*  
Språk: en  
Ingen erstatning

**NS-EN 81-71:2018**

Sikkerhetsregler for konstruksjon og installasjon av heiser - Spesielle løsninger for personheiser og vare- og personheiser - Del 71: Vandalsikre heiser  
*Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts*  
Språk: en  
Ingen erstatning

**NS-EN 13074-1:2011**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 1: Gjenvinning ved fordampning  
*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 1: Recovery by evaporation*  
Språk: en  
Ingen erstatning



**NS-EN 13074-2:2011**

Bitumen og bituminøse bindemidler - Gjenvinning av bindemiddel fra bitumenemulsjoner eller bitumenløsninger eller fluksede bituminøse bindemidler - Del 2: Stabilisering etter gjenvinning ved fordampning

*Bitumen and bituminous binders - Recovery of binder from bituminous emulsion or cut-back or fluxed bituminous binders - Part 2: Stabilisation after recovery by evaporation*

Språk: en

Ingen erstatning

**NS-EN 13141-1:2004**

Ventilasjon i bygninger - Ytelsesprøving av komponenter/produkter for boligventilasjon - Del 1: Enheter for luftoverføring plassert i ytter- og innervegg

*Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 1: Externally and internally mounted air transfer devices*

Språk: en

Ingen erstatning

**NS-EN 13200-1:2012**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: no

Ingen erstatning

**NS-EN 13200-1:2012**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: en

Ingen erstatning

**NS-EN 13454-2:2003+A1:2007**

Bindemidler, kompositt bindemidler og fabrikkfremstilte mørtler for støpte gulvbelegg (avrettingslag) basert på kalsiumsulfat - Del 2: Prøvmingsmetoder

*Binders, composite binders and factory made mixtures for floor screeds based on calcium sulfate - Part 2: Test methods*

Språk: en

Ingen erstatning

**NS-EN 14134:2004**

Ventilasjon i bygninger - Ytelsesprøving og installasjonskontroll av ventilasjonssystemer i boliger

*Ventilation for buildings - Performance testing and installation checks of residential ventilation systems*

Språk: en

Ingen erstatning

**NS-EN 16140:2011**

Prøvmingsmetoder for naturstein - Bestemmelse av følsomhet for endringer i overflaten forårsaket av temperatursvingninger

*Natural stone test methods - Determination of sensitivity to changes in appearance produced by thermal cycles*

Språk: en

Ingen erstatning

**NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: en

Ingen erstatning

**NS-INSTA 900-1:2013**

Boligsprinkler - Del 1: Dimensjonering, installering og vedlikehold

*Residential sprinkler systems - Part 1: Design, installation and maintenance*

Språk: no

Ingen erstatning

## 93 Anleggsvirksomhet

### Standardforslag til høring - europeiske (CEN)

#### **EN 13476-2:2018/prA1**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 2: Krav til rør og rørdeler med glatt innvendig og utvendig overflate og til system, type A

*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 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A*

Språk: en

Kommentarfrist: 27.06.2019

#### **EN 13476-3:2018/prA1**

Rørledninger av plast for trykløse rørsystemer i grunnen - Rørsystemer med konstruert rørvegg av polyvinylklorid uten mykner (PVC-U), polypropylen (PP) og polyetylen (PE) - Del 3: Krav til rør og rørdeler med glatt innvendig overflate og profilert utvendig overflate og til system, type B

*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 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B*

Språk: en

Kommentarfrist: 27.06.2019

#### **EN 16228-1:2014/prA1**

*Drilling and foundation equipment - Safety - Part 1: Common requirements*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-2:2014/prA1**

*Drilling and foundation equipment - Safety - Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-3:2014/prA1**

*Drilling and foundation equipment - Safety - Part 3: Horizontal directional drilling equipment (HDD)*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-4:2014/prA1**

*Drilling and foundation equipment - Safety - Part 4: Foundation equipment*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-5:2014/prA1**

*Drilling and foundation equipment - Safety - Part 5: Diaphragm walling equipment*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-6:2014/prA1**

*Drilling and foundation equipment - Safety - Part 6: Jetting, grouting and injection equipment*

Språk: en

Kommentarfrist: 18.07.2019

#### **EN 16228-7:2014/prA1**

*Drilling and foundation equipment - Safety - Part 7: Interchangeable auxiliary equipment*

Språk: en

Kommentarfrist: 18.07.2019

**prEN 14654-1**

*Drain and sewer systems outside buildings - Management and control of activities - Part 1: General requirements*

Språk: en

Kommentarfrist: 27.06.2019

**prEN 14654-2**

*Drain and sewer systems outside buildings - Management and control of activities - Part 2: Rehabilitation*

Språk: en

Kommentarfrist: 27.06.2019

**prEN 14654-3**

*Drain and sewer systems outside buildings - Management and control of activities - Part 3: Cleaning*

Språk: en

Kommentarfrist: 27.06.2019

**prEN 14654-4**

*Drain and sewer systems outside buildings - Management and control of activities - Part 4: Control of inputs from users*

Språk: en

Kommentarfrist: 27.06.2019

**prEN 16907-7**

*Earthworks - Part 7: Hydraulic placement of extractive waste*

Språk: en

Kommentarfrist: 09.05.2019

**prEN ISO 22476-14**

*Geotechnical investigation and testing - field testing - Part 14: Borehole dynamic probing (ISO/DIS 22476-14:2019)*

Språk: en

Kommentarfrist: 28.06.2019

**Standardforslag til høring - internasjonale (ISO)****ISO/DIS 21138-1**

*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 1: Material specification and performance criteria for pipes, fittings and the system*

Språk: en

Kommentarfrist: 10.06.2019

**ISO/DIS 22476-14**

*Geotechnical investigation and testing -- Field testing -- Part 14: Borehole dynamic probing*

Språk: en

Kommentarfrist: 28.06.2019

**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 16958:2017**

*Road marking materials - Conditions for removing/masking road markings*

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 12697-50:2018**

*Bituminous mixtures - Test methods - Part 50: Resistance to scuffing*

Språk: en

**CEN/TS 12697-51:2017**

*Bituminous mixtures - Test methods - Part 51: Surface shear strength test*

Språk: en

**CEN/TS 12697-52:2017**

Bituminøse masser - Prøvningsmetoder - Del 52: Kondisjonering for oksidativ aldring

*Bituminous mixtures - Test methods - Part 52: Conditioning to address oxidative ageing*

Språk: en

**Fastsatte norske standarder****NS 3935:2019**

Integrerte tekniske bygningsinstallasjoner (ITB) - Prosjektering, utførelse og idriftsettelse

*Integrated technical building installations (ITB) - Designing, implementation and commissioning*

Språk: no

**NS-EN 13146-1:2019**

Jernbane - Spor - Prøvningsmetoder for festesystemer - Del 1: Bestemmelse av lengdeinnspenning

*Railway applications - Track - Test methods for fastening systems - Part 1: Determination of longitudinal rail restraint*

Språk: en

**NS-EN 13146-7:2019**

Jernbane - Spor - Prøvningsmetoder for festesystemer - Del 7: Bestemmelse av klemstyrke og loddrett stivhet

*Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force and uplift stiffness*

Språk: en

**NS-EN 14033-4:2019**

Jernbane - Spor - Skinnegående konstruksjons- og vedlikeholdsmaskiner - Del 4: Tekniske drifts-, reise- og arbeidskrav til bybane

*Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail*

Språk: en

**NS-EN ISO 11296-7:2019**

Rørledninger av plast for rehabilitering av trykkløse avløpsledninger i grunnen - Del 7: Føring med spiralformede rør (ISO 11296-7:2019)

*Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2019)*

Språk: en

**NS-EN ISO 17892-11:2019**

Geotekniske felt- og laboratorieundersøkelser - Laboratorieprøving av jord - Del 11: Permeabilitetsprøvinger (ISO 17892-11:2019)

*Geotechnical investigation and testing - Laboratory testing of soil - Part 11: Permeability tests (ISO 17892-11:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS 3935:2011**

Integrerte tekniske bygningsinstallasjoner (ITB) - Prosjektering, utførelse og idriftsettelse  
*Integrated technical building installations (ITB) - Designing, implementation and commissioning*

Språk: no

Ingen erstatning

**NS-EN 13146-1:2012+A1:2014**

Jernbane - Spor - Prøvningsmetoder for festesystemer - Del 1: Bestemmelse av lengdeinnspenning  
*Railway applications - Track - Test methods for fastening systems - Part 1: Determination of longitudinal rail restraint*

Språk: en

Ingen erstatning

**NS-EN 13146-7:2012**

Jernbane - Spor - Prøvningsmetoder for festesystemer - Del 7: Bestemmelse av klemstyrke  
*Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force*

Språk: en

Ingen erstatning

**NS-EN ISO 11296-7:2013**

Rørledninger av plast for rehabilitering av trykløse avløpsledninger i grunnen - Del 7: Fôring med spiralformede rør (ISO 11296-7:2011)

*Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2011)*

Språk: en

Ingen erstatning

**95 Militærteknikk****Fastsatte norske standarder****NS-EN ISO 17201-3:2019**

Akustikk - Støy fra skytebaner - Del 3: Beregning av lydutbredelse (ISO 17201-3:2019)  
*Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)*

Språk: en

**Tilbaketrukne norske standarder****NS-EN ISO 17201-3:2010**

Akustikk - Støy fra skytebaner - Del 3: Retningslinjer for beregning av lydutbredelse (ISO 17201-3:2010)  
*Acoustics - Noise from shooting ranges - Part 3: Guidelines for sound propagation calculations (ISO 17201-3:2010)*

Språk: en

Ingen erstatning

**97 Utstyr til husholdningsbruk og industriell bruk. Underholdning. Sport****Standardforslag til høring - europeiske (CEN)****EN 926-2:2013/prA1**

Paragliderutstyr - Paraglidere - Del 2: Krav og prøvningsmetoder for klassifisering av sikkerhetsrelevante flyegenskaper  
*Paragliding equipment - Paragliders - Part 2: Requirements and test methods for classifying flight safety characteristics*

Språk: en

Kommentarfrist: 06.06.2019

**EN 1651:2018/prA1**

Paragliderutstyr - Seletøy - Sikkerhetskrav og styrkeprøving

*Paragliding equipment - Harnesses - Safety requirements and strength tests*

Språk: en

Kommentarfrist: 11.07.2019

**EN 12491:2015/prA1:2019**

Paragliderutstyr - Reservefallskjermer - Sikkerhetskrav og prøvingsmetoder

*Paragliding equipment - Emergency parachutes - Safety requirements and test methods*

Språk: en

Kommentarfrist: 11.07.2019

**prEN 203-1**

*Gas heated catering equipment - Part 1: General safety requirements*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 203-2-1**

Gassoppvarmet storkjøkkenutstyr - Del 2-1: Spesifikke krav - Åpne brennere og wok-brennere

*Gas heated catering equipment - Part 2-1: Specific requirements - Open burners and wok burners*

Språk: en

Kommentarfrist: 09.05.2019

**prEN 914**

Gymnastikkutstyr - Herresranke (holmer i lik høyde) og damesranke (holmer i ulik høyde) - Krav og prøvingsmetoder, inkludert sikkerhet

*Gymnastic equipment - Parallel bars and combination asymmetric/parallel bars - Requirements and test methods including safety*

Språk: en

Kommentarfrist: 20.06.2019

**prEN 1176-7**

Lekeplassutstyr og underlag - Del 7: Veiledning for montering, ettersyn, vedlikehold og drift

*Playground equipment and surfacing - Part 7: Guidance on installation, inspection, maintenance and operation*

Språk: en

Kommentarfrist: 06.06.2019

**prEN 1273**

Spedbarns- og småbarnsprodukter - Gåstol for spedbarn - Sikkerhetskrav og prøvingsmetoder

*Child use and care articles - Baby walking frames - Safety requirements and test methods*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 13210-1**

*Child care articles - Part 1: Children's harnesses, reins - Safety requirements and test methods*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 13210-2**

*Child care articles - Part 2: Children's harnesses incorporating backpacks and reins - Safety requirements and test methods*

Språk: en

Kommentarfrist: 13.06.2019

**prEN 17368**

Laminerte gulvdekkninger - Bestemmelse av påvirkningsmotstand med liten ball

Språk: en

Kommentarfrist: 13.06.2019

**prEN ISO 20127**

*Dentistry - Physical properties of powered toothbrushes (ISO/DIS 20127:2019)*

Språk: en

Kommentarfrist: 14.06.2019

**prEN ISO 22043**

*Ice-cream freezers - Classification, requirements and test conditions (ISO/DIS 22043:2019)*

Språk: en

Kommentarfrist: 12.07.2019

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

**ISO/DIS 5912**

*Camping tents -- Requirements and test methods*

Språk: en

Kommentarfrist: 01.07.2019

**ISO/DIS 20127**

*Dentistry -- Physical properties of powered toothbrushes*

Språk: en

Kommentarfrist: 19.08.2019

**ISO/DIS 20957-2**

*Stationary training equipment -- Part 2: Strength training equipment, additional specific safety requirements and test methods*

Språk: en

Kommentarfrist: 30.05.2019

**ISO/DIS 20957-7**

*Stationary training equipment -- Part 7: Rowing equipment, additional specific safety requirements and test methods*

Språk: en

Kommentarfrist: 30.05.2019

**ISO/DIS 24334**

*Laminate floor coverings -- Determination of locking strength for mechanically assembled panels*

Språk: en

Kommentarfrist: 27.06.2019

**ISO/DIS 24337**

*Laminate floor coverings -- Determination of geometrical characteristics*

Språk: en

Kommentarfrist: 18.05.2019

**ISO-standarder**

**ISO 5355:2019**

*Alpine ski-boots -- Requirements and test methods*

Språk: en

Erstatter A00008:20:038623,A00008:20:046348

**ISO 8124-4:2014/Amd 2:2019**

Språk: en

**ISO 8124-10:2019**

*Safety of toys -- Part 10: Experimental sets for chemistry and related activities*

Språk: en

**ISO 8124-11:2019**

*Safety of toys -- Part 11: Chemical toys (sets) other than experimental sets*

Språk: en

**ISO 9523:2019**

*Touring ski-boots for adults -- Interface with touring ski-bindings -- Requirements and test methods*

Språk: en

Erstatter A00008:20:063099

**ISO 9838:2019**

*Alpine and touring ski-bindings -- Test soles for ski-binding tests*

Språk: en

Erstatter A00008:20:067738

**ISO 13993:2019**

*Rental ski shop practice -- Sampling and inspection of complete and incomplete alpine ski-binding-boot systems in rental applications*

Språk: en

Erstatter A00008:20:023585

**Rapporter fra CEN (CR)**

**CEN ISO/TR 20183:2017**

*Sports and other recreational facilities and equipment - Injury and safety definitions and thresholds - Guidelines for their inclusion in standards (ISO/TR 20183:2015)*

Språk: en

**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 15371-1:2017**

*Safety of toys - Interpretations - Part 1: Replies to requests for interpretation of EN 71-1, EN 71-2, EN 71-8 and EN 71-14*

Språk: en

**CEN/TR 15371-2:2017**

*Safety of toys - Interpretations - Part 2: Replies to requests for interpretation of the chemical standards in the EN 71-series*

Språk: en

**CEN/TR 15371-2:2018**

*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 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

**Fastsatte norske standarder**

**NS-EN 131-6:2019**

Stiger - Del 6: Teleskopstiger

*Ladders - Part 6: Telescopic ladders*

Språk: en

**NS-EN 1176-6:2017+AC:2019**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: no

**NS-EN 1176-4:2017+AC:2019**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: en

**NS-EN 1176-6:2017+AC:2019**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: en

**NS-EN 1177:2018+AC:2019**

Støtdempende lekeplassunderlag - Prøvingsmetoder for bestemmelse av støtdemping

*Impact attenuating playground surfacing - Methods of test for determination of impact attenuation*

Språk: en

**NS-EN 13200-1:2019**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: en

**NS-EN ISO 9994:2019**

Lightere - Sikkerhetskrav (ISO 9994:2018)

*Lighters - Safety specification (ISO 9994:2018)*

Språk: en

**NS-EN ISO 17201-3:2019**

Akustikk - Støy fra skytebaner - Del 3: Beregning av lydutbredelse (ISO 17201-3:2019)

*Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)*

Språk: en

**Tilbaketrukne norske standarder**

**NS-EN 131-6:2015**

Stiger - Del 6: Teleskopstiger

*Ladders - Part 6: Telescopic ladders*

Språk: en

Ingen erstatning

**NS-EN 1176-4:2017**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: no

Ingen erstatning

**NS-EN 1176-6:2017**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: no

Ingen erstatning

**NS-EN 1176-4:2017**

Lekeplassutstyr og underlag - Del 4: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for svevebaner

*Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways*

Språk: en

Ingen erstatning

**NS-EN 1176-6:2017**

Lekeplassutstyr og underlag - Del 6: Spesielle tilleggskrav til sikkerhet og prøvingsmetoder for vippeutstyr

*Playground equipment and surfacing - Part 6: Additional specific safety requirements and test methods for rocking equipment*

Språk: en

Ingen erstatning

**NS-EN 1177:2018**

Støtdempende lekeplassunderlag - Prøvingsmetoder for bestemmelse av støtdemping

*Impact attenuating playground surfacing - Methods of test for determination of impact attenuation*

Språk: en

Ingen erstatning

**NS-EN 13200-1:2012**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: no

Ingen erstatning

**NS-EN 13200-1:2012**

Tilskueranlegg - Del 1: Generelle egenskaper for tilskuerområder

*Spectator facilities - Part 1: General characteristics for spectator viewing area*

Språk: en

Ingen erstatning

**NS-EN ISO 9994:2006**

Lightere - Sikkerhetskrav (ISO 9994:2005)

*Lighters - Safety specification (ISO 9994:2005)*

Språk: en

Ingen erstatning

**NS-EN ISO 9994:2006/A1:2008**

Endringsblad A1 - Lightere - Sikkerhetskrav - Klargjøring av konstruksjonskrav (ISO 9994:2006/Amd 1:2008)

*Amendment A1 - Lighters - Safety specification - Amendment 1: Clarification of structural requirements (ISO 9994:2006/Amd 1:2008)*

Språk: en

Ingen erstatning

**NS-EN ISO 17201-3:2010**

Akustikk - Støy fra skytebaner - Del 3: Retningslinjer for beregning av lydutbredelse (ISO 17201-3:2010)

*Acoustics - Noise from shooting ranges - Part 3: Guidelines for sound propagation calculations (ISO 17201-3:2010)*

Språk: en

Ingen erstatning