# Uusimmat CENin julkaisut ajalta 1.1. – 30.6.2020

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

EN ISO/IEC 17000:2020 Conformity assessment. Vocabulary and general principles (ISO/IEC 17000:2020)

EN ISO/IEC 17000:2020 Conformity assessment. Vocabulary and general principles (ISO/IEC 17000:2020)

#### 01.040.07 Mathematics. Natural sciences (Vocabularies)

CEN ISO/TR 18401:2020 Nanotechnologies. Plain language explanation of selected terms from the ISO/IEC 80004 series (ISO/TR 18401:2017)

# 01.040.13 Environment and health protection. Safety (Vocabularies)

CEN/TR 17512:2020 Personal protective equipment. Smart garments. Terms and definitions

EN 17399:2020 Algae and algae products. Terms and definitions

EN ISO 11074:2015/A1:2020 Soil quality. Vocabulary. Amendment 1 (ISO 11074:2015/Amd 1:2020)

EN ISO 16972:2020 Respiratory protective devices. Vocabulary and graphical symbols(ISO 16972:2020)

# 01.040.23 Fluid systems and components for general use (Vocabularies)

EN ISO 7369:2020 Pipework. Metal hoses and hose assemblies. Vocabulary (ISO 7369:2020)

# 01.040.27 Energy and heat transfer engineering (Vocabularies)

EN ISO 9229:2020 Thermal insulation. Vocabulary (ISO 9229:2020)

# 01.040.31 Electronics (Vocabularies)

EN ISO 15902:2020 Optics and photonics. Diffractive optics. Vocabulary (ISO 15902:2019)

# 01.040.35 Information technology. Office machines (Vocabularies)

EN ISO/IEC 27000:2020 Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC

27000:2018) EN ISO/IEC 27000:2020 Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC

27000:2018) EN ISO/IEC 27000:2020 Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC

27000:2018)

#### 01.040.59 Textile and leather technology (Vocabularies)

#### CEN/TR 17512:2020 Personal protective equipment. Smart garments. Terms and definitions

#### 01.040.77 Metallurgy (Vocabularies)

EN ISO 8044:2020 Corrosion of metals and alloys. Vocabulary (ISO 8044:2020)

EN ISO 8044:2020 Corrosion of metals and alloys. Vocabulary (ISO 8044:2020)

#### 01.040.87 Paint and colour industries (Vocabularies)

EN ISO 19403-1:2020 Paints and varnishes. Wettability. Part 1: Terminology and general principles (ISO 19403-1:2017)

EN ISO 19403-2:2020 Paints and varnishes. Wettability. Part 2: Determination of the surface free energy of solid surfaces by measuring the

contact angle (ISO 19403-2:2017) EN ISO 19403-3:2020 Paints and varnishes. Wettability. Part 3: Determination of the surface tension of liquids using the pendant drop method

(ISO 19403-3:2017) EN ISO 19403-4:2020

Paints and varnishes. Wettability. Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids

from an interfacial tension (ISO 19403-4:2017) EN ISO 19403-5:2020 Paints and varnishes. Wettability. Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids

from contact angles measurements on a solid with only a disperse contribution to its surface energy (ISO 19403-5:2017) EN ISO 19403-6:2020 Paints and varnishes. Wettability. Part 6: Measurement of dynamic contact angle (ISO 19403-6:2017)

#### EN ISO 19403-7:2020

Paints and varnishes. Wettability. Part 7: Measurement of the contact angle on a tilt stage (roll-off angle) (ISO

#### 19403-7:2017) 01.040.91 Construction materials and building (Vocabularies)

EN 235:2020 Wallcoverings. Vocabulary and symbols

#### 01.060 Quantities and units

EN ISO 80000-8:2020 Quantities and units. Part 8: Acoustics (ISO 80000-8:2020)

# 01.080.10 Public information symbols

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

#### 01.080.20 Graphical symbols for use on specific equipment

EN 235:2020 Wallcoverings. Vocabulary and symbols

EN ISO 11532:2020 Aircraft ground equipment. Graphical symbols (ISO 11532:2018)

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

EN ISO 7010:2020 Graphical symbols. Safety colours and safety signs. Registered safety signs (ISO 7010:2019, Corrected version 2020-06)

#### 01.100.01 Technical drawings in general

EN ISO 128-1:2020 Technical product documentation (TPD). General principles of representation. Part 1: Introduction and fundamental

requirements (ISO 128-1:2020) EN ISO 128-1:2020 Technical product documentation (TPD). General principles of representation. Part 1: Introduction and fundamental

requirements (ISO 128-1:2020) EN ISO 128-100:2020 Technical product documentation. General principles of representation. Part 100: Index (ISO 128-100:2020)

#### 01.100.99 Other standards related to technical drawings

EN ISO 6414:2020 Technical product documentation (TPD). Technical drawings for glassware (ISO 6414:2020)

#### 03.080.30 Services for consumers

CEN/TS 17470:2020 Service model for social care alarms

EN 17169:2020 Tattooing. Safe and hygienic practice

# 03.100.01 Company organization and management in general

CWA 17513:2020 Crisis and disaster management. Semantic and syntactic interoperability

#### CWA 17514:2020

Systematic assessment of innovative solutions for crisis management. Trial guidance methodology

# CWA 17515:2020

Building a common simulation space

EN ISO 22313:2020 Security and resilience. Business continuity management systems. Guidance on the use of ISO 22301 (ISO 22313:2020)

# 03.100.30 Management of human resources

CWA 17541:2020 European Criteria for Quality Internships

#### 03.100.40 Research and development

EN 12973:2020 Value Management

# 03.100.50 Production. Production management

CEN/TR 15367-1:2020 Petroleum products. Guidelines for good housekeeping. Part 1: Automotive diesel fuels

#### 03.100.70 Management systems

EN ISO 14006:2020 Environmental management systems. Guidelines for incorporating ecodesign (ISO 14006:2020)

EN ISO 22313:2020 Security and resilience. Business continuity management systems. Guidance on the use of ISO 22301 (ISO 22313:2020)

EN ISO 29001:2020 Petroleum, petrochemical and natural gas industries. Sector-specific quality management systems. Requirements for

product and service supply organizations (ISO 29001:2020) EN ISO/IEC 27011:2020 Information technology. Security techniques. Code of practice for Information security controls based on ISO/IEC 27002 for

telecommunications organizations (ISO/IEC 27011:2016) EN ISO/IEC 27011:2020 Information technology. Security techniques. Code of practice for Information security controls based on ISO/IEC 27002 for

telecommunications organizations (ISO/IEC 27011:2016) EN ISO/IEC 27019:2020 Information technology. Security techniques. Information security controls for the energy utility industry (ISO/IEC

27019:2017, Corrected version 2019-08) EN ISO/IEC 27019:2020 Information technology. Security techniques. Information security controls for the energy utility industry (ISO/IEC

27019:2017, Corrected version 2019-08) 03.120.20 Product and company certification. Conformity assessment

EN ISO/IEC 17000:2020 Conformity assessment. Vocabulary and general principles (ISO/IEC 17000:2020)

EN ISO/IEC 17000:2020 Conformity assessment. Vocabulary and general principles (ISO/IEC 17000:2020)

# 03.220.01 Transport in general

EN ISO 22418:2020 Intelligent transport systems. Fast service announcement protocol (FSAP) for general purposes in ITS (ISO 22418:2020)

# 03.220.20 Road transport

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17448:2020

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

CEN/TR 17448:2020

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

detailed definition CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17475:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals CEN/TR 17475:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals CEN/TS 16702-1:2020 Electronic fee collection. Secure monitoring for autonomous toll systems. Part 1: Compliance checking

CEN/TS 16702-2:2020 Electronic fee collection. Secure monitoring for autonomous toll systems. Part 2: Trusted recorder

EN ISO 14906:2018/A1:2020 Electronic fee collection. Application interface definition for dedicated short-range communication. Amendment 1 (ISO

14906:2018/Amd 1:2020) 03.240 Postal services

CEN/TS 15130:2020 Postal services. DPM infrastructure. Messages supporting DPM applications

CEN/TS 17073:2020 Postal services. Interfaces for cross border parcels

CEN/TS 17457:2020 Postal services. Digital, optional online connected, opening and closing systems for parcel receptacles for home use with

free access for the delivery and collection operators and consumers EN 13850:2020 Postal services. Quality of services. Measurement of the transit time of end-to-end services for single piece priority mail and

first class mail 07.100.10 Medical microbiology

EN ISO 11737-2:2020 Sterilization of health care products. Microbiological methods. Part 2: Tests of sterility performed in the definition, validation

and maintenance of a sterilization process (ISO 11737-2:2019) **07.100.20 Microbiology of water** 

EN ISO 11133:2014/A2:2020 Microbiology of food, animal feed and water. Preparation, production, storage and performance testing of culture media.

Amendment 2 (ISO 11133:2014/Amd 2:2020) 07.100.30 Food microbiology

EN ISO 11133:2014/A2:2020

Microbiology of food, animal feed and water. Preparation, production, storage and performance testing of culture media.

Amendment 2 (ISO 11133:2014/Amd 2:2020) EN ISO 6579-1:2017/A1:2020

Microbiology of the food chain. Horizontal method for the detection, enumeration and serotyping of Salmonella. Part 1: Detection of Salmonella spp.. Amendment 1 Broader range of incubation temperatures, amendment to the status of Annex

D, and correction of the composition of MSRV and SC (ISO 6579-1:2017/Amd 1:2020) EN ISO 6887-5:2020 Microbiology of the food chain. Preparation of test samples, initial suspension and decimal dilutions for microbiological

examination. Part 5: Specific rules for the preparation of milk and milk products (ISO 6887-5:2020) EN ISO 7932:2004/A1:2020

Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of presumptive Bacillus cereus. Colony-count technique at 30 degrees C. Amendment 1: Inclusion of optional tests (ISO 7932:2004/Amd 1:2020, Corrected

version 2020-05) 07.120 Nanotechnologies

CEN ISO/TR 18401:2020

Nanotechnologies. Plain language explanation of selected terms from the ISO/IEC 80004 series (ISO/TR 18401:2017)

#### 07.140 Forensic science

EN ISO 21043-2:2020 Forensic sciences. Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018)

#### 11.020.10 Health care services in general

CWA 17502:2020 Privacy of monitoring technology. Guidelines for introducing ambient and wearable monitoring technologies balancing

privacy protection against the need for oversight and care EN 17398:2020 Patient involvement in health care. Minimum requirements for person-centred care

#### 11.040.01 Medical equipment in general

CWA 17502:2020 Privacy of monitoring technology. Guidelines for introducing ambient and wearable monitoring technologies balancing

privacy protection against the need for oversight and care EN 13718-1:2014+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 1: Requirements for medical devices used in air ambulances

EN 13718-2:2015+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 2: Operational and technical requirements for air ambulances

#### 11.040.10 Anaesthetic, respiratory and reanimation equipment

EN ISO 17510:2020 Medical devices. Sleep apnoea breathing therapy. Masks and application accessories (ISO 17510:2015)

EN ISO 18562-1:2020 Biocompatibility evaluation of breathing gas pathways in healthcare applications. Part 1: Evaluation and testing within a risk

management process (ISO 18562-1:2017) EN ISO 18562-2:2020 Biocompatibility evaluation of breathing gas pathways in healthcare applications. Part 2: Tests for emissions of particulate

matter (ISO 18562-2:2017)

EN ISO 18562-3:2020 Biocompatibility evaluation of breathing gas pathways in healthcare applications. Part 3: Tests for emissions of volatile organic compounds (VOCs) (ISO 18562-3:2017) EN ISO 18562-4:2020

Biocompatibility evaluation of breathing gas pathways in healthcare applications. Part 4: Tests for leachables in condensate

(ISO 18562-4:2017) EN ISO 80601-2-12:2020 Medical electrical equipment. Part 2-12: Particular requirements for basic safety and essential performance of critical care

ventilators (ISO 80601-2-12:2020) EN ISO 80601-2-74:2020 Medical electrical equipment. Part 2-74: Particular requirements for basic safety and essential performance of respiratory

humidifying equipment (ISO 80601-2-74:2017) EN ISO 9170-1:2020 Terminal units for medical gas pipeline systems. Part 1: Terminal units for use with compressed medical gases and vacuum

(ISO 9170-1:2017) 11.040.20 Transfusion, infusion and injection equipment

EN ISO 8536-4:2020 Infusion equipment for medical use. Part 4: Infusion sets for single use, gravity feed (ISO 8536-4:2019)

EN ISO 8871-2:2020 Elastomeric parts for parenterals and for devices for pharmaceutical use. Part 2: Identification and characterization (ISO

8871-2:2020)
11.040.25 Syringes, needles and catheters

EN ISO 20695:2020 Enteral feeding systems. Design and testing (ISO 20695:2020)

EN ISO 7886-2:2020 Sterile hypodermic syringes for single use. Part 2: Syringes for use with power-driven syringe pumps (ISO 7886-2:2020)

EN ISO 7886-3:2020 Sterile hypodermic syringes for single use. Part 3: Auto-disabled syringes for fixed-dose immunization (ISO 7886-3:2020)

EN ISO 9997:2020 Dentistry. Cartridge syringes (ISO 9997:2020)

#### 11.040.40 Implants for surgery, prosthetics and orthotics

EN ISO 7199:2017/A1:2020 Cardiovascular implants and artificial organs. Blood-gas exchangers (oxygenators). Amendment 1: Connectors (ISO

7199:2016/Amd 1:2020) EN ISO 8637-1:2020 Extracorporeal systems for blood purification. Part 1: Haemodialysers, haemodiafilters, haemofilters and

haemoconcentrators (ISO 8637-1:2017) 11.040.55 Diagnostic equipment

EN ISO 80601-2-56:2017/A1:2020 Medical electrical equipment. Part 2-56: Particular requirements for basic safety and essential performance of clinical

thermometers for body temperature measurement. Amendment 1 (ISO 80601-2-56:2017/Amd 1:2018) **11.040.70 Ophthalmic equipment** 

EN ISO 24157:2008/A1:2020

Ophthalmic optics and instruments. Reporting aberrations of the human eye. Amendment 1 (ISO 24157:2008/Amd 1:2020)

EN ISO 8596:2018/A1:2020

Ophthalmic optics. Visual acuity testing. Standard and clinical optotypes and their presentation. Amendment 1 (ISO

#### 8596:2017/Amd1:2019) 11.060.20 Dental equipment

EN ISO 15098:2020 Dentistry. Dental tweezers (ISO 15098:2020)

EN ISO 21850-1:2020 Dentistry. Materials for dental instruments. Part 1: Stainless steel (ISO 21850-1:2020)

EN ISO 22570:2020 Dentistry. Spoons and bone curettes (ISO 22570:2020)

EN ISO 7787-2:2020 Dentistry. Laboratory cutters. Part 2: Carbide laboratory cutters (ISO 7787-2:2020)

EN ISO 9997:2020 Dentistry. Cartridge syringes (ISO 9997:2020)

# 11.080.01 Sterilization and disinfection in general

EN ISO 11737-2:2020 Sterilization of health care products. Microbiological methods. Part 2: Tests of sterility performed in the definition, validation

and maintenance of a sterilization process (ISO 11737-2:2019) **11.080.20 Disinfectants and antiseptics** 

EN 17272:2020 Chemical disinfectants and antiseptics. Methods of airborne room disinfection by automated process. Determination of

bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities **11.080.30 Sterilized packaging** 

EN ISO 11607-1:2020 Packaging for terminally sterilized medical devices. Part 1: Requirements for materials, sterile barrier systems and

packaging systems (ISO 11607-1:2019) EN ISO 11607-2:2020

Packaging for terminally sterilized medical devices. Part 2: Validation requirements for forming, sealing and assembly

#### processes (ISO 11607-2:2019) 11.100.01 Laboratory medicine in general

EN ISO 22367:2020 Medical laboratories. Application of risk management to medical laboratories (ISO 22367:2020)

# 11.100.10 In vitro diagnostic test systems

CEN/TS 17390-1:2020 Molecular in vitro diagnostic examinations. Specifications for pre-examination processes for circulating tumor cells (CTCs)

in venous whole blood. Part 1: Isolated RNA CEN/TS 17390-2:2020 Molecular in vitro diagnostic examinations. Specifications for pre-examination processes for circulating tumor cells (CTCs)

in venous whole blood. Part 2: Isolated DNA CEN/TS 17390-3:2020

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

# 11.100.20 Biological evaluation of medical devices

EN ISO 10993-18:2020

Biological evaluation of medical devices. Part 18: Chemical characterization of medical device materials within a risk

management process (ISO 10993-18:2020) 11.140 Hospital equipment

EN 455-1:2020 Medical gloves for single use. Part 1: Requirements and testing for freedom from holes

EN 455-1:2020 Medical gloves for single use. Part 1: Requirements and testing for freedom from holes

#### 11.160 First aid

EN 13718-1:2014+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 1: Requirements for medical devices used in air ambulances

EN 13718-2:2015+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 2: Operational and technical requirements for air ambulances

#### 13.020.10 Environmental management

EN ISO 14006:2020 Environmental management systems. Guidelines for incorporating ecodesign (ISO 14006:2020)

EN ISO 14063:2020 Environmental management. Environmental communication. Guidelines and examples (ISO 14063:2020)

#### 13.020.20 Environmental economics

EN 45552:2020 General method for the assessment of the durability of energy-related products

EN 45552:2020 General method for the assessment of the durability of energy-related products

EN 45557:2020 General method for assessing the proportion of recycled material content in energy-related products

EN 45557:2020 General method for assessing the proportion of recycled material content in energy-related products

#### 13.020.40 Pollution, pollution control and conservation

EN ISO 18557:2020 Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes

#### (ISO 18557:2017) 13.020.55 Biobased products

EN 17351:2020 Bio-based products. Determination of the oxygen content using an elemental analyser

EN 17399:2020 Algae and algae products. Terms and definitions

# 13.030.40 Installations and equipment for waste disposal and treatment

EN 14803:2020 Identification and/or determination of the quantity of waste

EN 15597-1:2020 Winter maintenance equipment. Spreading and spraying machines. Part 1: General requirements and definitions

#### EN 17366:2020

Waste management. Access control to collection containers. Identification and authorization

#### EN 840-1:2020

Mobile waste and recycling containers. Part 1: Containers with 2 wheels with a capacity up to 400 I for comb lifting devices.

Dimensions and design EN 840-2:2020

Mobile waste and recycling containers. Part 2: Containers with 4 wheels with a capacity up to 1 300 I with flat lid(s), for

trunnion and/or comb lifting devices. Dimensions and design EN 840-3:2020

Mobile waste and recycling containers. Part 3: Containers with 4 wheels with a capacity up to 1 300 I with dome lid(s), for

trunnion and/or comb lifting devices. Dimensions and design EN 840-4:2020

Mobile waste and recycling containers. Part 4: Containers with 4 wheels with a capacity up to 1 700 I with flat lid(s), for

wide trunnion or BG- and/or wide comb lifting devices. Dimensions and design EN 840-5:2020 Mobile waste and recycling containers. Part 5: Performance requirements and test methods

EN 840-6:2020 Mobile waste and recycling containers. Part 6: Safety and health requirements

EN 840-6:2020 Mobile waste and recycling containers. Part 6: Safety and health requirements

#### 13.030.50 Recycling

EN 45554:2020 General methods for the assessment of the ability to repair, reuse and upgrade energy-related products

EN 45554:2020 General methods for the assessment of the ability to repair, reuse and upgrade energy-related products

#### 13.030.99 Other standards related to wastes

CEN/TR 16192:2020 Waste. Guidance on analysis of eluates

#### 13.040.01 Air quality in general

EN ISO 11665-6:2020 Measurement of radioactivity in the environment. Air: radon-222. Part 6: Spot measurement methods of the activity

#### concentration (ISO 11665-6:2020) 13.040.20 Ambient atmospheres

CEN/TS 17434:2020 Ambient air. Determination of the particle number size distribution of atmospheric aerosol using a Mobility Particle Size

Spectrometer (MPSS) EN 17346:2020 Ambient air. Standard method for the determination of the concentration of ammonia using diffusive samplers

#### 13.040.30 Workplace atmospheres

#### EN ISO 21832:2020

Workplace air. Metals and metalloids in airborne particles. Requirements for evaluation of measuring procedures (ISO

#### 21832:2018) 13.040.40 Stationary source emissions

EN 17255-2:2020

Stationary source emissions. Data acquisition and handling systems. Part 2: Specification of requirements on data

# acquisition and handling systems EN 17389:2020

Stationary source emissions. Quality assurance and quality control procedures for automated dust arrestment plant

#### monitors

# 13.060.10 Water of natural resources

EN ISO 5667-6:2016/A11:2020 Water quality. Sampling. Part 6: Guidance on sampling of rivers and streams (ISO 5667-6:2014)

#### 13.060.20 Drinking water

EN 14451:2020 Devices to prevent pollution by backflow of potable water. In-line anti-vacuum valves DN 10 to DN 50 inclusive. Family D,

type A EN 15096:2020 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 **13.060.45 Examination of water in general**

EN ISO 5667-6:2016/A11:2020 Water quality. Sampling. Part 6: Guidance on sampling of rivers and streams (ISO 5667-6:2014)

#### 13.060.60 Examination of physical properties of water

EN ISO 13164-1:2020 Water quality. Radon-222. Part 1: General principles (ISO 13164-1:2013, Correction version 2013-11-15)

EN ISO 13164-2:2020 Water quality. Radon-222. Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)

EN ISO 13164-3:2020 Water quality. Radon-222. Part 3: Test method using emanometry (ISO 13164-3:2013)

EN ISO 13164-4:2020 Water quality. Radon-222. Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)

EN ISO 13165-1:2020 Water quality. Radium-226. Part 1: Test method using liquid scintillation counting (ISO 13165-1:2013)

EN ISO 13165-2:2020 Water quality. Radium-226. Part 2: Test method using emanometry (ISO 13165-2:2014)

EN ISO 13165-3:2020 Water quality. Radium-226. Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016)

EN ISO 22908:2020 Water quality. Radium 226 and Radium 228. Test method using liquid scintillation counting (ISO 22908:2020)

#### 13.080.01 Soil quality and pedology in general

EN ISO 11074:2015/A1:2020 Soil quality. Vocabulary. Amendment 1 (ISO 11074:2015/Amd 1:2020)

EN ISO 21365:2020

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

#### 13.080.10 Chemical characteristics of soils

EN ISO 16558-1:2015/A1:2020

Soil quality. Risk-based petroleum hydrocarbons. Part 1: Determination of aliphatic and aromatic fractions of volatile petroleum hydrocarbons using gas chromatography (static headspace method). Amendment 1 (ISO 16558-1:2015/Amd

1:2020)

#### 13.080.20 Physical properties of soils

EN ISO 18674-3:2017/A1:2020 Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. Part 3: Measurement of

displacements across a line: Inclinometers. Amendment 1 (ISO 18674-3:2017/Amd 1:2020) 13.080.30 Biological properties of soils

EN ISO 11266:2020 Soil quality. Guidance on laboratory testing for biodegradation of organic chemicals in soil under aerobic conditions (ISO

11266:1994) EN ISO 14239:2020 Soil quality. Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic

conditions (ISO 14239:2017) EN ISO 15473:2020

Soil quality. Guidance on laboratory testing for biodegradation of organic chemicals in soil under anaerobic conditions (ISO

15473:2002) EN ISO 15685:2020

Soil quality. Determination of potential nitrification and inhibition of nitrification. Rapid test by ammonium oxidation (ISO

15685:2012) EN ISO 17155:2020 Soil quality. Determination of abundance and activity of soil microflora using respiration curves (ISO 17155:2012)

EN ISO 17512-1:2020

Soil quality. Avoidance test for determining the quality of soils and effects of chemicals on behaviour. Part 1: Test with

earthworms (Eisenia fetida and Eisenia andrei) (ISO 17512-1:2008) EN ISO 17512-2:2020 Soil guality. Avoidance test for determining the guality of soils and effects of chemicals on behaviour. Part 2: Test with

collembolans (Folsomia candida) (ISO 17512-2:2011) EN ISO 18763:2020 Soil quality. Determination of the toxic effects of pollutants on germination and early growth of higher plants (ISO

18763:2016) EN ISO 20130:2020 Soil quality. Measurement of enzyme activity patterns in soil samples using colorimetric substrates in micro-well plates

(ISO 20130:2018) EN ISO 21285:2020 Soil quality. Inhibition of reproduction of the soil mite (Hypoaspis aculeifer) by soil contaminants (ISO 21285:2019)

EN ISO 21286:2020

Soil quality. Identification of ecotoxicological test species by DNA barcoding (ISO 21286:2019)

EN ISO 21479:2020 Soil quality. Determination of the effects of pollutants on soil flora. Leaf fatty acid composition of plants to assess soil

quality (ISO 21479:2019) EN ISO 29200:2020 Soil quality. Assessment of genotoxic effects on higher plants. Vicia faba micronucleus test (ISO 29200:2013)

#### 13.100 Occupational safety. Industrial hygiene

EN ISO 21904-1:2020 Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 1: General

requirements (ISO 21904-1:2020) EN ISO 21904-2:2020

Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 2:

Requirements for testing and marking of separation efficiency (ISO 21904-2:2020) EN ISO 21904-4:2020 Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 4:

Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020) **13.110 Safety of machinery** 

CEN ISO/TR 22100-4:2020

Safety of machinery. Relationship with ISO 12100. Part 4: Guidance to machinery manufacturers for consideration of

related IT-security (cyber security) aspects (ISO/TR 22100-4:2018) CEN ISO/TR 22100-4:2020 Safety of machinery. Relationship with ISO 12100. Part 4: Guidance to machinery manufacturers for consideration of

related IT-security (cyber security) aspects (ISO/TR 22100-4:2018) EN ISO 11553-1:2020 Safety of machinery. Laser processing machines. Part 1: Laser safety requirements (ISO 11553-1:2020)

EN ISO 19085-11:2020 Woodworking machines. Safety. Part 11: Combined machines (ISO 19085-11:2020)

EN ISO 19085-13:2020

Woodworking machines. Safety. Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO

19085-13:2020) EN ISO 19085-9:2020 Woodworking machines. Safety. Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

EN ISO 20321:2020 Petroleum, petrochemical and natural gas industries. Safety of machineries. Powered elevators (ISO 20321:2020)

#### 13.160 Vibration and shock with respect to human beings

EN ISO 7096:2020 Earth-moving machinery. Laboratory evaluation of operator seat vibration (ISO 7096:2020)

#### 13.180 Ergonomics

EN ISO 9241-110:2020 Ergonomics of human-system interaction. Part 110: Interaction principles (ISO 9241-110:2020)

#### 13.200 Accident and disaster control

CWA 17513:2020

Crisis and disaster management. Semantic and syntactic interoperability

CWA 17515:2020 Building a common simulation space

# 13.220.10 Fire-fighting

EN 16856:2020

Portable aerosol dispensers for fire extinguishing purposes

EN 54-22:2015+A1:2020 Fire detection and fire alarm systems. Part 22: Resettable line-type heat detectors

#### 13.220.20 Fire protection

EN 12259-14:2020 Fixed firefighting systems. Components for sprinkler and water spray systems. Part 14: Sprinklers for residential

applications EN 14972-8:2020 Fixed firefighting systems. Water mist systems. Part 8- Test protocol for machinery in enclosures exceeding 260 m<sup>3</sup> for

open nozzle systems EN 14972-9:2020 Fixed firefighting systems. Water mist systems. Part 9: Test protocol for machinery in enclosures not exceeding 260 m<sup>3</sup>

for open nozzle systems EN 16925:2018/AC:2020 Fixed firefighting systems. Automatic residential sprinkler systems. Design, installation and maintenance

EN 54-22:2015+A1:2020 Fire detection and fire alarm systems. Part 22: Resettable line-type heat detectors

#### 13.220.40 Ignitability and burning behaviour of materials and products

EN 1363-1:2020 Fire resistance tests. Part 1: General requirements

EN 17084:2018/AC:2020 Railway applications. Fire protection on railway vehicles. Toxicity test of materials and components

#### 13.220.50 Fire-resistance of building materials and elements

EN 13381-10:2020 Test methods for determining the contribution to the fire resistance of structural members. Part 10: Applied protection to

solid steel bars in tension EN 1363-1:2020 Fire resistance tests. Part 1: General requirements

EN 13823:2020

Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single

burning item EN 15269-1:2019/AC:2020 Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window

assemblies, including their elements of building hardware. Part 1: General requirements EN ISO 1182:2020 Reaction to fire tests for products. Non-combustibility test (ISO 1182:2020)

#### EN ISO 11925-2:2020

Reaction to fire tests. Ignitability of products subjected to direct impingement of flame. Part 2: Single-flame source test

(ISO 11925-2:2020) 13.280 Radiation protection

EN ISO 13164-1:2020 Water quality. Radon-222. Part 1: General principles (ISO 13164-1:2013, Correction version 2013-11-15) EN ISO 13164-2:2020 Water quality. Radon-222. Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)

EN ISO 13164-3:2020 Water quality. Radon-222. Part 3: Test method using emanometry (ISO 13164-3:2013)

EN ISO 13164-4:2020 Water quality. Radon-222. Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)

EN ISO 22908:2020 Water quality. Radium 226 and Radium 228. Test method using liquid scintillation counting (ISO 22908:2020)

#### 13.300 Protection against dangerous goods

EN 13922:2020 Tanks for transport of dangerous goods. Service equipment for tanks. Overfill prevention systems for liquid fuels

EN 13922:2020 Tanks for transport of dangerous goods. Service equipment for tanks. Overfill prevention systems for liquid fuels

EN 14025:2018/AC:2020 Tanks for the transport of dangerous goods. Metallic pressure tanks. Design and construction

EN ISO 16106:2020 Transport packages for dangerous goods. Dangerous goods packagings, intermediate bulk containers (IBCs) and large

packagings. Guidelines for the application of ISO 9001 (ISO 16106:2020) 13.320 Alarm and warning systems

CEN/TS 17470:2020 Service model for social care alarms

EN 16334-2:2020 Railway applications. Passenger alarm system. Part 2: System requirements for urban rail

# 13.340.10 Protective clothing

CEN/TR 17512:2020 Personal protective equipment. Smart garments. Terms and definitions

EN 17092-1:2020 Protective garments for motorcycle riders. Part 1: Test methods

EN 17092-2:2020 Protective garments for motorcycle riders. Part 2: Class AAA garments. Requirements

EN 17092-3:2020 Protective garments for motorcycle riders. Part 3: Class AA garments. Requirements

EN 17092-4:2020 Protective garments for motorcycle riders. Part 4: Class A garments. Requirements

EN 17092-5:2020

Protective garments for motorcycle riders. Part 5: Class B garments. Requirements

EN 17092-6:2020 Protective garments for motorcycle riders. Part 6: Class C garments. Requirements

#### EN ISO 15384:2020

Protective clothing for firefighters. Laboratory test methods and performance requirements for wildland firefighting clothing

#### (ISO 15384:2018) 13.340.20 Head protective equipment

CWA 17553:2020 Community face coverings. Guide to minimum requirements, methods of testing and use

EN ISO 18526-1:2020 Eye and face protection. Test methods. Part 1: Geometrical optical properties (ISO 18526-1:2020)

EN ISO 18526-2:2020 Eye and face protection. Test methods. Part 2 : Physical optical properties (ISO 18526-2:2020)

EN ISO 18526-3:2020 Eye and face protection. Test methods. Part 3: Physical and mechanical properties (ISO 18526-3:2020)

EN ISO 18526-4:2020 Eye and face protection. Test methods. Part 4: Headforms (ISO 18526-4:2020)

# 13.340.30 Respiratory protective devices

EN ISO 16972:2020 Respiratory protective devices. Vocabulary and graphical symbols(ISO 16972:2020)

# 13.340.40 Hand and arm protection

EN 407:2020 Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

EN ISO 20320:2020 Protective clothing for use in Snowboarding. Wrist Protectors. Requirements and test methods (ISO 20320:2020)

EN ISO 21420:2020 Protective gloves. General requirements and test methods (ISO 21420:2020)

# 17.040.01 Linear and angular measurements in general

EN ISO 21204:2020 Geometrical product specifications (GPS). Transition specification (ISO 21204:2020)

# 17.040.20 Properties of surfaces

EN ISO 16610-29:2020 Geometrical product specifications (GPS). Filtration. Part 29: Linear profile filters: Wavelets (ISO 16610-29:2020)

# 17.040.30 Measuring instruments

# EN ISO 10360-5:2020

Geometrical product specifications (GPS). Acceptance and reverification tests for coordinate measuring systems (CMS). Part 5: Coordinate measuring machines (CMMs) using single and multiple stylus contacting probing systems using

discrete point and/or scanning measuring mode (ISO 10360-5:2020) EN ISO 13385-2:2020 Geometrical product specifications (GPS). Dimensional measuring equipment. Part 2: Design and metrological characteristics of calliper depth gauges (ISO 13385-2:2020)

# 17.040.40 Geometrical Product Specification (GPS)

EN ISO 16610-61:2015/A1:2020 Geometrical product specification (GPS). Filtration. Part 61: Linear areal filters. Gaussian filters. Amendment 1 (ISO

#### 16610-61:2015/Amd 1:2019) 17.140.20 Noise emitted by machines and equipment

#### EN ISO 11200:2014/A1:2020

Acoustics. Noise emitted by machinery and equipment. Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions. Amendment 1 (ISO 11200:2014/Amd

1:2018) EN ISO 11203:2009/A1:2020 Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station

and at other specified positions from the sound power level. Amendment 1 (ISO 11203:1995/Amd 1:2020) EN ISO 20361:2019/A11:2020 Liquid pumps and pumps units. Noise test code. Grades 2 and 3 of accuracy (ISO 20361:2019)

#### 17.240 Radiation measurements

EN ISO 11665-3:2020 Measurement of radioactivity in the environment. Air: radon-222. Part 3: Spot measurement method of the potential alpha

energy concentration of its short-lived decay products (ISO 11665-3:2020) EN ISO 11665-5:2020 Measurement of radioactivity in the environment. Air: radon-222. Part 5: Continuous measurement methods of the activity

concentration (ISO 11665-5:2020) EN ISO 11665-6:2020 Measurement of radioactivity in the environment. Air: radon-222. Part 6: Spot measurement methods of the activity

concentration (ISO 11665-6:2020) EN ISO 13164-1:2020 Water quality. Radon-222. Part 1: General principles (ISO 13164-1:2013, Correction version 2013-11-15)

EN ISO 13164-2:2020

Water quality. Radon-222. Part 2: Test method using gamma-ray spectrometry (ISO 13164-2:2013)

EN ISO 13164-3:2020

Water quality. Radon-222. Part 3: Test method using emanometry (ISO 13164-3:2013)

EN ISO 13164-4:2020

Water quality. Radon-222. Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)

EN ISO 13165-1:2020

Water quality. Radium-226. Part 1: Test method using liquid scintillation counting (ISO 13165-1:2013)

EN ISO 13165-2:2020

Water quality. Radium-226. Part 2: Test method using emanometry (ISO 13165-2:2014)

EN ISO 13165-3:2020 Water quality. Radium-226. Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016)

EN ISO 19361:2020 Measurement of radioactivity. Determination of beta emitters activities. Test method using liquid scintillation counting (ISO

19361:2017) EN ISO 19581:2020

Measurement of radioactivity. Gamma emitting radionuclides. Rapid screening method using scintillation detector gamma-ray spectrometry (ISO 19581:2017)

EN ISO 22908:2020 Water quality. Radium 226 and Radium 228. Test method using liquid scintillation counting (ISO 22908:2020)

#### 19.100 Non-destructive testing

EN ISO 16526-1:2020 Non-destructive testing. Measurement and evaluation of the X-ray tube voltage. Part 1: Voltage divider method (ISO

#### 16526-1:2011) EN ISO 16526-2:2020

Non-destructive testing. Measurement and evaluation of the X-ray tube voltage. Part 2: Constancy check by the thick filter

method (ISO 16526-2:2011) EN ISO 16526-3:2020 Non-destructive testing. Measurement and evaluation of the X-ray tube voltage. Part 3: Spectrometric method (ISO

#### 16526-3:2011) 21.060.10 Bolts, screws, studs

EN ISO 3506-1:2020 Fasteners. Mechanical properties of corrosion-resistant stainless steel fasteners. Part 1: Bolts, screws and studs with

specified grades and property classes (ISO 3506-1:2020) **21.060.20 Nuts** 

EN ISO 3506-2:2020 Fasteners. Mechanical properties of corrosion-resistant stainless steel fasteners. Part 2: Nuts with specified grades and

#### property classes (ISO 3506-2:2020) 23.020.20 Vessels and containers mounted on vehicles

EN 13922:2020

Tanks for transport of dangerous goods. Service equipment for tanks. Overfill prevention systems for liquid fuels

EN 13922:2020 Tanks for transport of dangerous goods. Service equipment for tanks. Overfill prevention systems for liquid fuels

EN 14025:2018/AC:2020 Tanks for the transport of dangerous goods. Metallic pressure tanks. Design and construction

#### 23.020.30 Pressure vessels

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

EN 17533:2020 Gaseous hydrogen. Cylinders and tubes for stationary storage

# 23.020.35 Gas cylinders

EN 1440:2016+A2:2020 LPG equipment and accessories. Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas

(LPG) cylinders. Periodic inspection EN 16728:2016+A2:2020 LPG equipment and accessories. Transportable refillable LPG cylinders other than traditional welded and brazed steel

cylinders. Periodic inspection EN 17339:2020 Transportable gas cylinders. Fully wrapped carbon composite cylinders and tubes for hydrogen

#### EN ISO 11114-1:2020

Gas cylinders. Compatibility of cylinder and valve materials with gas contents. Part 1: Metallic materials (ISO 11114-1:2020)

#### EN ISO 11118:2015/A1:2020

Gas cylinders. Non-refillable metallic gas cylinders. Specification and test methods. Amendment 1 (ISO 11118:2015/Amd

1:2019)

EN ISÓ 16148:2016/A1:2020

Gas cylinders. Refillable seamless steel gas cylinders and tubes. Acoustic emission examination (AT) and follow-up

ultrasonic examination (UT) for periodic inspection and testing. Amendment 1 (ISO 16148:2016/Amd 1:2020) EN ISO 16964:2020 Gas cylinders. Flexible hoses assemblies. Specification and testing (ISO 16964:2019)

#### 23.040.01 Pipeline components and pipelines in general

CEN/TS 1401-2:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U).

Part 2: Guidance for the assessment of conformity EN 13476-2:2018+A1:2020

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 EN 13476-3:2018+A1:2020

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 EN 13480-2:2017/A7:2020 Metallic industrial piping. Part 2: Materials

EN 13480-2:2017/A7:2020 Metallic industrial piping. Part 2: Materials

EN 17152-1:2019/AC:2020

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water. Boxes used for

infiltration, attenuation and storage systems. Part 1: Specifications for storm water boxes made of PP and PVC-U **23.040.05 Pipelines and its parts for external sewage systems** 

EN 13598-1:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 1: Specifications for ancillary fittings and shallow chambers EN 13598-2:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 2: Specifications for manholes and inspection chambers 23.040.10 Iron and steel pipes

#### EN ISO 10893-1:2011/A1:2020

Non-destructive testing of steel tubes. Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness. Amendment 1: Change of dimensions of

the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020) EN ISO 10893-12:2011/A1:2020

Non-destructive testing of steel tubes. Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes. Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd

1:2020) EN ISO 10893-2:2011/A1:2020 Non-destructive testing of steel tubes. Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections. Amendment 1: Change of dimensions of the reference notch;

change acceptance criteria (ISO 10893-2:2011/Amd 1:2020) EN ISO 10893-3:2011/A2:2020

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 2: Change acceptance criteria (ISO 10893-3:2011/Amd 2:2020) EN ISO 10893-8:2011/A1:2020 Non-destructive testing of steel tubes. Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the

detection of laminar imperfections. Amendment 1: Change acceptance criteria (ISO 10893-8:2011/Amd 1:2020) 23.040.15 Non-ferrous metal pipes

EN 12735-1:2020 Copper and copper alloys. Seamless, round tubes for air conditioning and refrigeration. Part 1: Tubes for piping systems

EN 12735-1:2020 Copper and copper alloys. Seamless, round tubes for air conditioning and refrigeration. Part 1: Tubes for piping systems

#### 23.040.20 Plastics pipes

EN 13598-1:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 1: Specifications for ancillary fittings and shallow chambers EN 13598-2:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 2: Specifications for manholes and inspection chambers **23.040.60 Flanges, couplings and joints** 

CEN/TR 1591-2:2020 Flanges and their joints. Design rules for gasketed circular flange connections. Part 2: Gasket parameters

#### 23.040.70 Hoses and hose assemblies

EN 13766:2018+A1:2020

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied

natural gas. Specification EN 16436-1:2014+A3:2020 Rubber and plastics hoses, tubing and assemblies for use with propane and butane and their mixtures in the vapour phase.

Part 1: Hoses and tubings EN ISO 7369:2020 Pipework. Metal hoses and hose assemblies. Vocabulary (ISO 7369:2020)

#### 23.040.99 Other pipeline components

EN 14624:2020 Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants

#### 23.060.01 Valves in general

#### EN 13175:2019+A1:2020

LPG Equipment and accessories. Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and

fittings EN 15096:2020

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 EN ISO 22109:2020 Industrial valves. Gearbox for valves (ISO 22109:2020)

EN ISO 8659:2020 Thermoplastics valves. Fatigue strength. Test method (ISO 8659:2020)

#### 23.060.50 Check valves

EN 14451:2020 Devices to prevent pollution by backflow of potable water. In-line anti-vacuum valves DN 10 to DN 50 inclusive. Family D,

type A EN 16767:2020 Industrial valves. Metallic check valves

# 23.080 Pumps

EN ISO 20361:2019/A11:2020 Liquid pumps and pumps units. Noise test code. Grades 2 and 3 of accuracy (ISO 20361:2019)

#### 25.030 Additive manufacturing

#### EN ISO/ASTM 52904:2020

Additive manufacturing. Process characteristics and performance. Practice for metal powder bed fusion process to meet

critical applications (ISO/ASTM 52904:2019) EN ISO/ASTM 52915:2020 Specification for additive manufacturing file format (AMF) Version 1.2 (ISO/ASTM 52915:2020)

#### 25.040.40 Industrial process measurement and control

EN ISO 16739-1:2020 Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries. Part 1: Data

#### schema (ISO 16739-1:2018) 25.160.01 Welding, brazing and soldering in general

EN ISO 21904-1:2020 Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 1: General

requirements (ISO 21904-1:2020) EN ISO 21904-2:2020 Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 2:

Requirements for testing and marking of separation efficiency (ISO 21904-2:2020) **25.160.30 Welding equipment** 

#### EN ISO 21904-4:2020

Health and safety in welding and allied processes. Equipment for capture and separation of welding fume. Part 4: Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020)

#### 25.160.40 Welded joints and welds

EN ISO 10863:2020 Non-destructive testing of welds. Ultrasonic testing. Use of time-of-flight diffraction technique (TOFD) (ISO 10863:2020)

#### 25.160.50 Brazing and soldering

EN ISO 9455-3:2020 Soft soldering fluxes. Test methods. Part 3: Determination of acid value, potentiometric and visual titration methods (ISO

9455-3:2019)

#### 25.220.10 Surface preparation

EN ISO 8502-6:2020 Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface

cleanliness. Part 6: Extraction of water soluble contaminants for analysis (Bresle method)(ISO 8502-6:2020) EN ISO 8502-6:2020

Preparation of steel substrates before application of paints and related products. Tests for the assessment of surface

cleanliness. Part 6: Extraction of water soluble contaminants for analysis (Bresle method)(ISO 8502-6:2020) **25.220.20 Surface treatment** 

EN 4707:2020 Aerospace series. Acid pickling of aluminium and aluminium alloys without hexavalent chromium

EN ISO 2106:2020

Anodizing of aluminium and its alloys. Determination of mass per unit area (surface density) of anodic oxidation coatings.

Gravimetric method (ISO 2106:2019) 25.220.40 Metallic coatings

EN ISO 14713-2:2020

Zinc coatings. Guidelines and recommendations for the protection against corrosion of iron and steel in structures. Part 2:

Hot dip galvanizing (ISO 14713-2:2019) **25.220.50 Enamels** 

EN ISO 8289-1:2020 Vitreous and porcelain enamels. Low-voltage test for detecting and locating defects. Part 1: Swab test for non-profiled

surfaces (ISO 8289-1:2020) 25.220.60 Organic coatings

EN 13523-18:2020 Coil coated metals. Test methods. Part 18: Resistance to staining

EN 13523-20:2020 Coil coated metals. Test methods. Part 20: Foam adhesion

EN 13523-6:2020 Coil coated metals. Test methods. Part 6: Adhesion after indentation (cupping test)

#### 25.220.99 Other treatments and coatings

EN 4875:2020 Aerospace series. Surface treatments. Test method for measurement of electrical contact resistance

#### 27.060.10 Liquid and solid fuel burners

EN 267:2020 Forced draught burners for liquid fuels

#### 27.060.20 Gas fuel burners

EN 676:2020 Forced draught burners for gaseous fuels

#### 27.060.30 Boilers and heat exchangers

EN 12953-5:2020 Shell boilers. Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

EN 12953-5:2020

Shell boilers. Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

#### 27.080 Heat pumps

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

EN 16905-2:2020 Gas-fired endothermic engine driven heat pumps. Part 2: Safety

#### 27.120.10 Reactor engineering

#### EN ISO 19226:2020

Nuclear energy. Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals (ISO

19226:2017)

# 27.120.30 Fissile materials and nuclear fuel technology

#### EN ISO 18557:2020

Characterisation principles for soils, buildings and infrastructures contaminated by radionuclides for remediation purposes

#### (ISO 18557:2017) 27.190 Biological sources and alternatice sources of energy

EN ISO 20024:2020

Solid biofuels. Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020)

EN ISO 20049-1:2020

Solid biofuels. Determination of self-heating of pelletized biofuels. Part 1: Isothermal calorimetry (ISO 20049-1:2020)

#### EN ISO 21404:2020

Solid biofuels. Determination of ash melting behaviour (ISO 21404:2020)

#### EN ISO 21945:2020

Solid biofuels. Simplified sampling method for small scale applications (ISO 21945:2020)

# 27.200 Refrigerating technology

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps. Part 1: Vessels. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps. Part 2: Piping. General requirements

# 27.220 Heat recovery. Thermal insulation

EN ISO 9229:2020

#### Thermal insulation. Vocabulary (ISO 9229:2020)

# 29.260.20 Electrical apparatus for explosive atmospheres

# EN ISO/IEC 80079-34:2020

Explosive atmospheres. Part 34: Application of quality management systems for Ex Product manufacture (ISO/IEC

80079-34:2018) EN ISO/IEC 80079-34:2020 Explosive atmospheres, Part 20

Explosive atmospheres. Part 34: Application of quality management systems for Ex Product manufacture (ISO/IEC

# 80079-34:2018) 31.260 Optoelectronics. Laser equipment

EN ISO 11553-1:2020 Safety of machinery. Laser processing machines. Part 1: Laser safety requirements (ISO 11553-1:2020)

EN ISO 15902:2020 Optics and photonics. Diffractive optics. Vocabulary (ISO 15902:2019)

# 33.060.30 Radio relay and fixed satellite communications systems

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17448:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Metrics and Performance levels

detailed definition CEN/TR 17448:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Metrics and Performance levels

detailed definition CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17475:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals CEN/TR 17475:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals 33.100.10 Emission

EN 12015:2020 Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Emission

# 35.020 Information technology (IT) in general

CWA 17502:2020

Privacy of monitoring technology. Guidelines for introducing ambient and wearable monitoring technologies balancing

privacy protection against the need for oversight and care 35.030 IT Security
CWA 17525:2020 Elements of fair and functioning data economy: identity, consent and logging
EN ISO/IEC 15408-1:2020 Information technology. Security techniques. Evaluation criteria for IT security. Part 1: Introduction and general model
(ISO/IEC 15408-1:2009) EN ISO/IEC 15408-1:2020 Information technology. Security techniques. Evaluation criteria for IT security. Part 1: Introduction and general model
(ISO/IEC 15408-1:2009)
EN ISO/IEC 15408-2:2020 Information technology. Security techniques. Evaluation criteria for IT security. Part 2: Security functional components
(ISO/IEC 15408-2:2008)
EN ISO/IEC 15408-2:2020 Information technology. Security techniques. Evaluation criteria for IT security. Part 2: Security functional components
(ISO/IEC 15408-2:2008)
EN ISO/IEC 15408-3:2020 Information technology. Security techniques. Evaluation criteria for IT security. Part 3: Security assurance components
(ISO/IEC 15408-3:2008) EN ISO/IEC 15408-3:2020
Information technology. Security techniques. Evaluation criteria for IT security. Part 3: Security assurance components
(ISO/IEC 15408-3:2008) EN ISO/IEC 18045:2020 Information technology. Security techniques. Methodology for IT security evaluation (ISO/IEC 18045:2008)
EN ISO/IEC 18045:2020
Information technology. Security techniques. Methodology for IT security evaluation (ISO/IEC 18045:2008)
EN ISO/IEC 19790:2020
Information technology. Security techniques. Security requirements for cryptographic modules (ISO/IEC 19790:2012,
Corrected version 2015-12) EN ISO/IEC 19790:2020
Information technology. Security techniques. Security requirements for cryptographic modules (ISO/IEC 19790:2012,
Corrected version 2015-12) EN ISO/IEC 27000:2020
Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC
27000:2018) EN ISO/IEC 27000:2020
Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC
27000:2018) EN ISO/IEC 27000:2020
Information technology. Security techniques. Information security management systems. Overview and vocabulary (ISO/IEC
27000:2018)

EN ISO/IEC 27011:2020 Information technology. Security techniques. Code of practice for Information security controls based on ISO/IEC 27002 for

telecommunications organizations (ISO/IEC 27011:2016) EN ISO/IEC 27011:2020 Information technology. Security techniques. Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations (ISO/IEC 27011:2016) EN ISO/IEC 27018:2020 Information technology. Security techniques. Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors (ISO/IEC 27018:2019) EN ISO/IEC 27018:2020 Information technology. Security techniques. Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors (ISO/IEC 27018:2019) EN ISO/IEC 29100:2020 Information technology. Security techniques. Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018) EN ISO/IEC 29100:2020 Information technology. Security techniques. Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018) EN ISO/IEC 29134:2020 Information technology. Security techniques. Guidelines for privacy impact assessment (ISO/IEC 29134:2017) EN ISO/IEC 29134:2020 Information technology. Security techniques. Guidelines for privacy impact assessment (ISO/IEC 29134:2017) EN ISO/IEC 29147:2020 Information technology. Security techniques. Vulnerability disclosure (ISO/IEC 29147:2018) EN ISO/IEC 29147:2020 Information technology. Security techniques. Vulnerability disclosure (ISO/IEC 29147:2018) EN ISO/IEC 30111:2020 Information technology. Security techniques. Vulnerability handling processes (ISO/IEC 30111:2019) EN ISO/IEC 30111:2020 Information technology. Security techniques. Vulnerability handling processes (ISO/IEC 30111:2019)

# 35.040.50 Automatic identification and data capture techniques

EN 10372:2020 Quality tracking system for flat steel products using barcode. Printing, reading and information processing

EN 17099:2020 Information technology. Fishery and aquaculture products. Requirements for labelling of distribution units and pallets in the

trade of fishery and aquaculture products **35.080 Software** 

CWA 17494:2020 Analytics Insights and Scaling Policies for Microservices

# 35.200 Interface and interconnection equipment

CWA 16926-1:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 1: Application Programming Interface

(API). Service Provider Interface (SPI). Programmer's Reference CWA 16926-10:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 10: Sensors and Indicators Unit Device

Class Interface. Programmer's Reference CWA 16926-11:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 11: Vendor Dependent Mode Device

Class Interface. Programmer's Reference

CWA 16926-12:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 12: Camera Device Class Interface.

Programmer's Reference CWA 16926-13:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 13: Alarm Device Class Interface.

Programmer's Reference CWA 16926-14:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 14: Card Embossing Unit Device Class

Interface. Programmer's Reference CWA 16926-15:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 15: Cash-In Module Device Class

Interface. Programmer's Reference CWA 16926-16:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 16: Card Dispenser Device Class

Interface. Programmer's Reference CWA 16926-17:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 17: Barcode Reader Device Class

Interface. Programmer's Reference CWA 16926-18:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 18: Item Processing Module Device

Class Interface. Programmer's Reference CWA 16926-19:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 19: Biometrics Device Class Interface

Proposal. Programmer's Reference CWA 16926-2:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 2: Service Class Definition. Programmer's

Reference CWA 16926-3:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 3: Printer and Scanning Device Class

Interface. Programmer's Reference CWA 16926-4:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 4: Identification Card Device Class

Interface. Programmer's Reference CWA 16926-5:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 5: Cash Dispenser Device Class

Interface. Programmer's Reference CWA 16926-6:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 6: PIN Keypad Device Class Interface. Programmer's Reference

CWA 16926-61:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 61: Application Programming Interface (API). Service Provider Interface (SPI). Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's

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Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-63:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 63: Identification Card Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-64:2020

Extensions for Financial Services (XFS) interface specification. Release 3.40. Part 64: Cash Dispenser (CDM) Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-65:2020

Extensions for Financial Services (XFS) interface specification. Release 3.40. Part 65: PIN Device Class Interface.

Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-66:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 66: Check Reader/Scanner Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-67:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 67: Depository Device Class Interface.

Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-68:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 68: Text Terminal Unit (TTU) Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-69:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 69: Sensors and Indicators Unit Device

Class Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-7:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 7: Check Reader/Scanner Device Class

Interface. Programmer's Reference CWA 16926-70:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 70: Vendor Dependent Mode (VDM)

Device Class Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-71:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 71: Camera Device Class Interface.

Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-72:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 72: Alarm Device Class Interface.

Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-73:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 73: Card Embossing Unit Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-74:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 74: Cash-In Module Device Class Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference

CWA 16926-75:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 75: Card Dispenser Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-76:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 76: Barcode Reader Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-77:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 77: Item Processing Module Device

Class Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-8:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 8: Depository Device Class Interface.

Programmer's Reference CWA 16926-9:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 9: Text Terminal Unit Device Class

#### Interface. Programmer's Reference 35.240.01 Application of information technology in general

CWA 17525:2020 Elements of fair and functioning data economy: identity, consent and logging

#### 35.240.15 Identification cards and related devices

CWA 16926-1:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 1: Application Programming Interface

(API). Service Provider Interface (SPI). Programmer's Reference CWA 16926-10:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 10: Sensors and Indicators Unit Device

Class Interface. Programmer's Reference CWA 16926-11:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 11: Vendor Dependent Mode Device

Class Interface. Programmer's Reference CWA 16926-12:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 12: Camera Device Class Interface.

Programmer's Reference CWA 16926-13:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 13: Alarm Device Class Interface.

Programmer's Reference CWA 16926-14:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 14: Card Embossing Unit Device Class

Interface. Programmer's Reference CWA 16926-15:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 15: Cash-In Module Device Class

Interface. Programmer's Reference CWA 16926-16:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 16: Card Dispenser Device Class

Interface. Programmer's Reference CWA 16926-17:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 17: Barcode Reader Device Class Interface. Programmer's Reference

CWA 16926-18:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 18: Item Processing Module Device

Class Interface. Programmer's Reference CWA 16926-19:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 19: Biometrics Device Class Interface

Proposal. Programmer's Reference CWA 16926-2:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 2: Service Class Definition. Programmer's

Reference CWA 16926-3:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 3: Printer and Scanning Device Class

Interface. Programmer's Reference CWA 16926-4:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 4: Identification Card Device Class

Interface. Programmer's Reference CWA 16926-5:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 5: Cash Dispenser Device Class

Interface. Programmer's Reference CWA 16926-6:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 6: PIN Keypad Device Class Interface.

Programmer's Reference CWA 16926-61:2020

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Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-63:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 63: Identification Card Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-64:2020

Extensions for Financial Services (XFS) interface specification. Release 3.40. Part 64: Cash Dispenser (CDM) Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-65:2020

Extensions for Financial Services (XFS) interface specification. Release 3.40. Part 65: PIN Device Class Interface.

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Extensions for Financial Services (XFS) interface specification Release 3.40. Part 66: Check Reader/Scanner Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-67:2020

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Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-68:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 68: Text Terminal Unit (TTU) Device Class

Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-69:2020

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Class Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-7:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 7: Check Reader/Scanner Device Class

Interface. Programmer's Reference CWA 16926-70:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 70: Vendor Dependent Mode (VDM)

Device Class Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-71:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 71: Camera Device Class Interface.

Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-72:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 72: Alarm Device Class Interface.

Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-73:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 73: Card Embossing Unit Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-74:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 74: Cash-In Module Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-75:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 75: Card Dispenser Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-76:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 76: Barcode Reader Device Class

Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-77:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 77: Item Processing Module Device

Class Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-8:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 8: Depository Device Class Interface.

Programmer's Reference CWA 16926-9:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 9: Text Terminal Unit Device Class

#### Interface. Programmer's Reference 35.240.20 IT applications in office work

CEN/TS 16931-3-2:2020 Electronic invoicing. Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

CEN/TS 16931-3-3:2020 Electronic invoicing. Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

CEN/TS 16931-3-4:2020 Electronic invoicing. Part 3-4: Syntax binding for UN/EDIFACT INVOIC D16B

CEN/TS 16931-7:2020 Electronic invoicing. Part 7: Methodology for the development and use of EN 16931-1 compliant structured Core Invoice

#### **Usage Specifications**

#### 35.240.40 IT applications in banking

CWA 16926-1:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 1: Application Programming Interface

(API). Service Provider Interface (SPI). Programmer's Reference CWA 16926-10:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 10: Sensors and Indicators Unit Device

Class Interface. Programmer's Reference CWA 16926-11:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 11: Vendor Dependent Mode Device

Class Interface. Programmer's Reference CWA 16926-12:2020

Extensions for Financial Services (XFS) interface specification Release 3.40. Part 12: Camera Device Class Interface.

Programmer's Reference CWA 16926-13:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 13: Alarm Device Class Interface.

Programmer's Reference CWA 16926-14:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 14: Card Embossing Unit Device Class

Interface. Programmer's Reference CWA 16926-15:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 15: Cash-In Module Device Class

Interface. Programmer's Reference CWA 16926-16:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 16: Card Dispenser Device Class

Interface. Programmer's Reference CWA 16926-17:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 17: Barcode Reader Device Class

Interface. Programmer's Reference CWA 16926-18:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 18: Item Processing Module Device

Class Interface. Programmer's Reference CWA 16926-19:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 19: Biometrics Device Class Interface

Proposal. Programmer's Reference CWA 16926-2:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 2: Service Class Definition. Programmer's

Reference CWA 16926-3:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 3: Printer and Scanning Device Class

Interface. Programmer's Reference CWA 16926-4:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 4: Identification Card Device Class

Interface. Programmer's Reference CWA 16926-5:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 5: Cash Dispenser Device Class

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Interface. Migration from Version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-63:2020

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Interface. Migration from version 3.30 (CWA 16926) to Version 3.40 (this CWA). Programmer's Reference CWA 16926-64:2020

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Interface. Programmer's Reference CWA 16926-70:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 70: Vendor Dependent Mode (VDM)

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Programmer's Reference CWA 16926-9:2020 Extensions for Financial Services (XFS) interface specification Release 3.40. Part 9: Text Terminal Unit Device Class

Interface. Programmer's Reference **35.240.50 IT applications in industry** 

CWA 17492:2020 Predictive control and maintenance of data intensive industrial processes

EN ISO/ASTM 52915:2020 Specification for additive manufacturing file format (AMF) Version 1.2 (ISO/ASTM 52915:2020)

#### 35.240.60 IT applications in transport and trade

CEN/TR 17401:2020 Intelligent transport systems. Urban-ITS. Mixed vendor environment guide

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17447:2020 Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Mathematical PVT error model

CEN/TR 17448:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Metrics and Performance levels

detailed definition CEN/TR 17448:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Metrics and Performance levels

detailed definition CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17465:2020 Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Field tests definition for basic

performance CEN/TR 17475:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals CEN/TR 17475:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Specification of the test facilities, definition of test scenarios, description and validation of the procedures for field tests related to security performance of

GNSS-based positioning terminals CEN/TS 13149-10:2020 Public transport. Road vehicle scheduling and control systems. Part 10: Location service

CEN/TS 13149-11:2020 Public transport. Road vehicle scheduling and control systems. Part 11: Vehicle platform interface service

CEN/TS 13149-7:2020 Public transport. Road vehicle scheduling and control systems. Part 7: System and network architecture

CEN/TS 13149-9:2020 Public transport. Road vehicle scheduling and control systems. Part 9: Time service CEN/TS 16157-8:2020

Intelligent transport systems. DATEX II data exchange specifications for traffic management and information. Part 8: Traffic

management publications and extensions dedicated to the urban environment CEN/TS 16157-9:2020

Intelligent transport systems. DATEX II data exchange specifications for traffic management and information. Part 9: Traffic

signal management publications dedicated to the urban environment CEN/TS 16614-1:2020 Public transport. Network and Timetable Exchange (NeTEx). Part 1: Public transport network topology exchange format

CEN/TS 16614-2:2020

Public transport. Network and Timetable Exchange (NeTEx). Part 2: Public transport scheduled timetables exchange

format CEN/TS 16614-3:2020 Public transport. Network and Timetable Exchange (NeTEx). Part 3: Public transport fares exchange format

CEN/TS 16614-4:2020 Public transport. Network and Timetable Exchange (NeTEx). Part 4: Passenger Information European Profile

CEN/TS 16702-1:2020 Electronic fee collection. Secure monitoring for autonomous toll systems. Part 1: Compliance checking

CEN/TS 16702-2:2020 Electronic fee collection. Secure monitoring for autonomous toll systems. Part 2: Trusted recorder

CEN/TS 16931-3-4:2020 Electronic invoicing. Part 3-4: Syntax binding for UN/EDIFACT INVOIC D16B

CEN/TS 17400:2020 Intelligent transport systems. Urban ITS. Mixed vendor environments, methodologies & translators

CEN/TS 17402:2020 Intelligent transport systems. Urban ITS. Use of regional traffic standards in a mixed vendor environment

CEN/TS 17413:2020 Intelligent transport systems. Urban ITS. Models and definitions for new modes

CEN/TS 17466:2020 Intelligent transport systems. Urban ITS. Communication interfaces and profiles for traffic management

EN ISO 14906:2018/A1:2020

Electronic fee collection. Application interface definition for dedicated short-range communication. Amendment 1 (ISO 14906:2018/Amd 1:2020)

EN ISO 22418:2020 Intelligent transport systems. Fast service announcement protocol (FSAP) for general purposes in ITS (ISO 22418:2020)

#### 35.240.63 IT applications in trade

CEN/TS 16931-3-2:2020 Electronic invoicing. Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

CEN/TS 16931-3-3:2020 Electronic invoicing. Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

CEN/TS 16931-7:2020 Electronic invoicing. Part 7: Methodology for the development and use of EN 16931-1 compliant structured Core Invoice

Usage Specifications 35.240.67 IT applications in building and construction industry

#### CEN/TR 17439:2020 Guidance on how to implement EN ISO 19650-1 and -2 in Europe

EN ISO 16484-5:2017/A1:2020 Building automation and control systems (BACS). Part 5: Data communication protocol. Amendment 1 (ISO

16484-5:2017/Amd 1:2020) EN ISO 16484-6:2020 Building automation and control systems (BACS). Part 6: Data communication conformance testing (ISO 16484-6:2020)

EN ISO 21597-1:2020 Information container for linked document delivery. Exchange specification. Part 1: Container (ISO 21597-1:2020)

EN ISO 22510:2020

Open data communication in building automation, controls and building management. Home and building electronic

systems. KNXnet/IP communication (ISO 22510:2019) EN ISO 23386:2020 Building information modelling and other digital processes used in construction. Methodology to describe, author and

maintain properties in interconnected data dictionaries (ISO 23386:2020) **35.240.69 IT applications in postal services** 

CEN/TS 17073:2020 Postal services. Interfaces for cross border parcels

CEN/TS 17457:2020 Postal services. Digital, optional online connected, opening and closing systems for parcel receptacles for home use with

free access for the delivery and collection operators and consumers **35.240.70 IT applications in science** 

EN ISO 19111:2020 Geographic information. Referencing by coordinates (ISO 19111:2019)

EN ISO 19136-1:2020

Geographic information. Geography Markup Language (GML). Part 1: Fundamentals (ISO 19136-1:2020)

# 35.240.80 IT applications in health care technology

CEN/TS 17288:2020 Health informatics. The International Patient Summary. Guideline for European Implementation

EN ISO 11073-20701:2020

Health informatics. Device interoperability. Part 20701: Point-of-care medical device communication. Service oriented

medical device exchange architecture and protocol binding (ISO/IEEE 11073-20701:2020) EN ISO/IEEE 11073-10201:2020 Health informatics. Device interoperability. Part 10201: Point-of-care medical device communication. Domain information

#### model (ISO/IEEE 11073-10201:2020) 35.240.99 IT applications in other fields

CWA 17513:2020 Crisis and disaster management. Semantic and syntactic interoperability

CWA 17515:2020 Building a common simulation space

# 37.040.25 Radiographic films

EN ISO 14096-1:2020

Non-destructive testing. Qualification of radiographic film digitisation systems. Part 1: Definitions, quantitative

measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005) EN ISO 14096-2:2020

Non-destructive testing. Qualification of radiographic film digitisation systems. Part 2: Minimum requirements (ISO

#### 14096-2:2005) 43.040.15 Car informatics. On board computer systems

#### CEN/TS 13149-10:2020

Public transport. Road vehicle scheduling and control systems. Part 10: Location service

CEN/TS 13149-11:2020

Public transport. Road vehicle scheduling and control systems. Part 11: Vehicle platform interface service

CEN/TS 13149-7:2020 Public transport. Road vehicle scheduling and control systems. Part 7: System and network architecture

CEN/TS 13149-9:2020 Public transport. Road vehicle scheduling and control systems. Part 9: Time service

## 43.080.99 Other commercial vehicles

EN 16990:2020 Light motorized vehicles for the transportation of persons and goods and related facilities and not subject to type-approval

# for on-road use. Side by Side Vehicles. Safety requirements and test methods **43.120 Electric road vehicles**

EN ISO 17409:2020 Electrically propelled road vehicles. Conductive power transfer. Safety requirements (ISO 17409:2020)

### 43.140 Motor cycles and mopeds

EN 16990:2020 Light motorized vehicles for the transportation of persons and goods and related facilities and not subject to type-approval

# for on-road use. Side by Side Vehicles. Safety requirements and test methods **43.150 Cycles**

EN 17406:2020 Classification for bicycles usage

## 43.180 Diagnostic, maintenance and test equipment

EN ISO 17268:2020 Gaseous hydrogen land vehicle refuelling connection devices (ISO/FDIS 17268:2019)

## 45.040 Materials and components for railway engineering

CEN/TR 17469:2020 Railway applications. Axle design method

CEN/TS 13103-2:2020 Railway applications. Wheelsets and bogies. Part 2: Design method for axles with internal journals

EN 15611:2020 Railway applications. Braking. Relay valves

EN 15612:2020 Railway applications. Braking. Brake pipe accelerator

EN 16185-1:2014+A1:2020

Railway applications. Braking systems of multiple unit trains. Part 1: Requirements and definitions

## 45.060.01 Railway rolling stock in general

EN 15227:2020 Railway applications. Crashworthiness requirements for rail vehicles

EN 17084:2018/AC:2020

Railway applications. Fire protection on railway vehicles. Toxicity test of materials and components

### 45.060.10 Tractive stock

CEN/TR 17420:2020 Railway applications. Vehicle end design for trams and light rail vehicles with respect to pedestrian safety

EN 15153-1:2020 Railway applications. External visible and audible warning devices. Part 1: Head, marker and tail lamps for heavy rail

## EN 15153-2:2020 Railway applications. External visible and audible warning devices. Part 2: Warning horns for heavy rail

EN 15153-3:2020 Railway applications. External visible and audible warning devices. Part 3: Visible warning devices for urban rail

EN 15153-4:2020

Railway applications. External visible and audible warning devices. Part 4: Audible warning devices for urban rail

### 45.060.20 Trailing stock

EN 16334-2:2020 Railway applications. Passenger alarm system. Part 2: System requirements for urban rail

### 45.140 Metro, tram and light rail equipment

CEN/TR 17420:2020 Railway applications. Vehicle end design for trams and light rail vehicles with respect to pedestrian safety

EN 15153-3:2020 Railway applications. External visible and audible warning devices. Part 3: Visible warning devices for urban rail

EN 15153-4:2020 Railway applications. External visible and audible warning devices. Part 4: Audible warning devices for urban rail

EN 17319:2020 Railway applications. Infrastructure. Performance requirements of rail fastening systems for tramways

## 47.020.10 Hulls and their structure elements

EN 1502:2020 Inland navigation vessels. Boarding stairs

EN 17360:2020 Inland navigation vessels. Stanchions and holders for tiltable and detachable railings

EN 17361:2020 Inland navigation vessels. Outboard ladders

## 47.020.30 Piping systems

CWA 17540:2020 Ships and marine technology – Specification for bunkering of methanol fuelled vessels

#### EN 17243:2020

Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater

#### 47.060 Inland navigation vessels

EN 1502:2020 Inland navigation vessels. Boarding stairs

EN 17360:2020 Inland navigation vessels. Stanchions and holders for tiltable and detachable railings

EN 17361:2020 Inland navigation vessels. Outboard ladders

#### 47.080 Small craft

EN ISO 10240:2020 Small craft. Owner's manual (ISO 10240:2019)

EN ISO 11105:2020 Small craft. Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:2020)

EN ISO 15083:2020 Small craft. Bilge-pumping systems (ISO 15083:2020)

EN ISO 25197:2020 Small craft. Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2020)

#### 49.020 Aircraft and space vehicles in general

EN 13718-1:2014+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 1: Requirements for medical devices used in air ambulances

EN 13718-2:2015+A1:2020 Medical vehicles and their equipment. Air ambulances. Part 2: Operational and technical requirements for air ambulances

EN 4855-01:2020 Aerospace series. ECO efficiency of catering equipment. Part 01: General conditions

EN 4855-02:2020 Aerospace series. ECO efficiency of catering equipment. Part 02: Oven equipment

EN 4855-03:2020 Aerospace series. ECO efficiency of catering equipment. Part 03: Chilling equipment

EN 4855-04:2020 Aerospace series. ECO efficiency of catering equipment. Part 04: Beverage makers

#### 49.025.05 Ferrous alloys in general

EN 3761:2020 Aerospace series. Heat resisting alloy FE-PA2601. Softened and cold worked. Bar for forged fasteners. D = 50 mm. 1 100

MPa = Rm = 1 300 MPa EN 4264:2020 Aerospace series. Heat resisting alloy X4NiCrMoTi43-13. As forged. Forging stock. a or D = 200 mm

EN 4570:2020 Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated. Forgings. De = 100 mm

EN 4571:2020 Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated. Bars and sections. De = 100 mm

## EN 4572:2020

Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated. Sheets and strips. a = 3 mm

#### EN 4573:2020

Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated and precipitation treated. Bars and sections.

#### De = 100 mm EN 4574:2020

Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated and precipitation treated. Forgings. De = 100

#### mm

EN 4575:2020

Aerospace series. Heat resisting alloy X12CrNiCoMoW21-20. Solution treated and descaled. Sheets and plates. 3 mm < a

#### = 50 mm 49.025.10 Steels

#### EN 3358:2020

Aerospace series. Steel FE-PM1503 (X3CrNiMoAl 13-8-2). Vacuum induction melted and consumable electrode remelted.

Solution treated and precipitation treated. Bar for machining. a or D = 150 mm. Rm = 1 400 MPa 49.025.15 Non-ferrous alloys in general

#### EN 2960:2020

Aerospace series. Heat resisting nickel base alloy (NI-P101HT). Cold worked and solution treated. Bars for machining for

fasteners. 3 mm = D = 50 mm **49.025.20 Aluminium** 

#### EN 4707:2020

Aerospace series. Acid pickling of aluminium and aluminium alloys without hexavalent chromium

#### 49.025.60 Textiles

EN 4426:2020 Aerospace series. Non-metallic materials. Textiles. Test method. Determination of conductivity and pH of aqueous extracts

### 49.025.99 Other materials

#### EN 3219:2020

Aerospace series. Heat resisting nickel base alloy (NI-P100HT). Cold worked and softened. Bar and wire for continuous forging or extrusion for fasteners. 3 mm = D = 30 mm

#### EN 3666:2020

Aerospace series. Heat resisting alloy NI-PH2601. Solution treated and cold worked. Bar for forged fasteners. D = 50 mm.

1 550 MPa = Rm = 1 830 MPa EN 4244:2020

Aerospace series. Heat resisting alloy FE-PM1708. Vacuum arc remelted. Hardened and tempered. Bars. a or D = 200

mm. 1 000 MPa = Rm = 1 140 MPa EN 4245:2020 Aerospace series. Heat resisting alloy FE-PM1708. Vacuum arc remelted. As forged. Forging stock. De = 300 mm

#### 49.030.20 Bolts, screws, studs

EN 2576:2020

Aerospace series. Bolts, MJ threads, in heat resisting steel FE-PA2601 (A286). Classification: 900 MPa (at ambient

temperature)/650 °C. Technical specification EN 7010:2020 Aerospace series. Configuration. Definition and designation for product standards for externally threaded fasteners

#### 49.035 Components for aerospace construction

EN 6046:2020

Aerospace series. Bearing, spherical, plain, in corrosion resisting steel. Narrow series. Dimensions and loads. Inch series

#### 49.040 Coatings and related processes used in aerospace industry

EN 16602-70-17:2020 Space product assurance. Durability testing of coatings and surface finishes

EN 16602-70-17:2020 Space product assurance. Durability testing of coatings and surface finishes

EN 2516:2020 Aerospace series. Passivation of corrosion resisting steels and decontamination of nickel base alloys

EN 4875:2020 Aerospace series. Surface treatments. Test method for measurement of electrical contact resistance

#### 49.060 Aerospace electric equipment and systems

## EN 3155-017:2020 Aerospace series. Electrical contacts used in elements of connection. Part 017: Contacts, electrical, relay base, female,

type A, crimp, class P. Product standard EN 3155-018:2020 Aerospace series. Electrical contacts used in elements of connection. Part 018: Contacts, electrical, male, type A, crimp,

# class S. Product standard EN 3475-513:2020

Aerospace series. Cables, electrical, aircraft use. Test methods. Part 513: Deformation resistance (Installation with plastic

cable ties) EN 4604-006:2019/AC:2020

Aerospace series. Cable, electrical, for signal transmission. Part 006: Cable, coaxial, 50 ohms, 200 °C, type WM. Product

standard EN 4604-007:2019/AC:2020

Aerospace series. Cable, electrical, for signal transmission. Part 007: Cable, coaxial, 50 ohms, 200 °C, type WN. Product standard

### 49.090 On-board equipment and instruments

EN 4533-001:2020 Aerospace series. Fibre optic systems. Handbook. Part 001: Termination methods and tools

#### 49.095 Passenger and cabin equipment

EN 4705:2020 Aerospace series. Measurement methods regarding the lifetime behaviour of light units in a standardized aircraft-related

#### environment 49.100 Ground service and maintenance equipment

EN 12312-15:2020 Aircraft ground support equipment. Specific requirements. Part 15: Baggage and equipment tractors

EN ISO 11532:2020 Aircraft ground equipment. Graphical symbols (ISO 11532:2018)

#### 49.140 Space systems and operations

EN 16602-10-09:2020 Space product assurance. Nonconformance control system

EN 16602-10-09:2020 Space product assurance. Nonconformance control system

EN 16602-20:2020 Space product assurance. Quality assurance

EN 16602-20:2020 Space product assurance. Quality assurance

EN 16602-70-17:2020 Space product assurance. Durability testing of coatings and surface finishes

EN 16602-70-17:2020 Space product assurance. Durability testing of coatings and surface finishes

EN 16603-20-21:2020 Space engineering. Interface requirements for electrical actuators

EN 16603-20-21:2020 Space engineering. Interface requirements for electrical actuators

EN 16603-32-10:2020 Space engineering. Structural factors of safety for spaceflight hardware

EN 16603-32-10:2020 Space engineering. Structural factors of safety for spaceflight hardware

EN 16603-40-07:2020 Space engineering. Simulation modelling platform

EN 16603-40-07:2020 Space engineering. Simulation modelling platform

EN 16603-50-12:2020

Space engineering. SpaceWire. Links, nodes, routers and networks

EN 16603-50-12:2020 Space engineering. SpaceWire. Links, nodes, routers and networks

EN 16604-20:2020 Space sustainability. Planetary protection

EN 16604-20:2020 Space sustainability. Planetary protection

## 53.040.10 Conveyors

EN ISO 21178:2020 Light conveyor belts. Determination of electrical resistances (ISO 21178:2020)

#### 53.060 Industrial trucks

EN 1459-1:2017+A1:2020 Rough-terrain trucks. Safety requirements and verification. Part 1: Variable-reach trucks

EN 16796-6:2020 Energy efficiency of Industrial trucks. Test methods. Part 6: Container straddle carrier

#### EN 16842-9:2019/AC:2020

Powered industrial trucks. Visibility. Test methods and verification. Part 9: Order-picking, lateral- and front-stacking trucks

with elevating operator position EN 17314:2020 Industrial trucks. Specifications and test methods. Operator restraint systems other than lap-type seat belts

EN ISO 3691-1:2015/A1:2020

Industrial trucks. Safety requirements and verification. Part 1: Self-propelled industrial trucks, other than driverless trucks,

variable-reach trucks and burden-carrier trucks. Amendment 1 (ISO 3691-1:2011/Amd 1:2020) EN ISO 3691-4:2020 Industrial trucks. Safety requirements and verification. Part 4: Driverless industrial trucks and their systems (ISO

3691-4:2020) EN ISO 3691-5:2015/A1:2020 Industrial trucks. Safety requirements and verification. Part 5: Pedestrian-propelled trucks. Amendment 1 (ISO

#### 3691-5:2014/Amd 1:2020) 53.100 Earth-moving machinery

EN ISO 7096:2020 Earth-moving machinery. Laboratory evaluation of operator seat vibration (ISO 7096:2020)

## 55.020 Packaging and distribution of goods in general

EN ISO 16106:2020 Transport packages for dangerous goods. Dangerous goods packagings, intermediate bulk containers (IBCs) and large

packagings. Guidelines for the application of ISO 9001 (ISO 16106:2020) **55.100 Bottles. Pots. Jars** 

EN 16293:2020 Packaging. Glass Packaging. Deep BVS finishes for still wines

EN ISO 12822:2020 Glass packaging. 26 H 126 crown finish. Dimensions (ISO 12822:2020)

## 55.130 Aerosol containers

EN 14848:2020 Aerosol containers. Metal containers with 25,4 mm aperture. Dimensions of valve cups

#### 59.060.01 Textile fibres in general

EN ISO 1833-17:2020 Textiles. Quantitative chemical analysis. Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain

other fibres (method using concentrated sulfuric acid) (ISO 1833-17:2019) EN ISO 1833-28:2020 Textiles. Quantitative chemical analysis. Part 28: Mixtures of chitosan with certain other fibres (method using diluted acetic

acid) (ISO 1833-28:2019) EN ISO 1833-29:2020 Textiles. Quantitative chemical analysis. Part 29: Mixtures of polyamide with polypropylene/polyamide bicomponent

(method using sulfuric acid) (ISO 1833-29:2020) EN ISO 20705:2020 Textiles. Quantitative microscopical analysis. General principles of testing (ISO 20705:2019)

#### 59.080.01 Textiles in general

EN ISO 22744-1:2020

Textiles and textile products. Determination of organotin compounds. Part 1: Derivatisation method using gas

chromatography (ISO 22744-1:2020) EN ISO 3071:2020 Textiles. Determination of pH of aqueous extract (ISO 3071:2020)

## 59.080.30 Textile fabrics

EN ISO 20932-1:2020 Textiles. Determination of the elasticity of fabrics. Part 1: Strip tests (ISO 20932-1:2018)

EN ISO 20932-2:2020 Textiles. Determination of the elasticity of fabrics. Part 2: Multiaxial tests (ISO 20932-2:2018)

EN ISO 20932-3:2020 Textiles. Determination of the elasticity of fabrics. Part 3: Narrow fabrics (ISO 20932-3:2018)

### 59.080.70 Geotextiles

EN 17323:2020 Geosynthetics. Determination of tensile properties of Polymeric Geosynthetic Barriers

EN ISO 12956:2020 Geotextiles and geotextile-related products. Determination of the characteristic opening size (ISO 12956:2019)

EN ISO 12960:2020 Geotextiles and geotextile-related products. Screening test methods for determining the resistance to acid and alkaline

# liquids (ISO 12960:2020) **59.080.80 Smart textiles**

CEN/TR 17512:2020 Personal protective equipment. Smart garments. Terms and definitions

## 59.140.30 Leather and furs

EN ISO 14088:2020

Leather. Chemical tests. Quantitative analysis of tanning agents by filter method (ISO 14088:2020)

EN ISO 17076-1:2020 Leather. Determination of abrasion resistance. Part 1: Taber® method (ISO 17076-1:2020)

EN ISO 17131:2020

Leather. Identification of leather with microscopy (ISO 17131:2020)

EN ISO 3376:2020

Leather. Physical and mechanical tests. Determination of tensile strength and percentage elongation (ISO 3376:2020)

# 65.040.30 Greenhouses and other installations

EN 13206:2017+A1:2020 Plastics. Thermoplastic covering films for use in agriculture and horticulture

# 65.060.01 Agricultural machines and equipment in general

EN 17344:2020 Agricultural machinery. Self-propelled agricultural and forestry vehicles. Requirements for braking

# 65.060.40 Plant care equipment

EN ISO 4254-6:2020 Agricultural machinery. Safety. Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2020)

#### 65.060.50 Harvesting equipment

EN ISO 4254-11:2010/A1:2020 Agricultural machinery. Safety. Part 11: Pick-up balers. Amendment 1 (ISO 4254-11:2010/Amd 1:2020)

#### 65.060.80 Forestry equipment

EN 13525:2020 Forestry machinery. Wood chippers. Safety

#### 65.080 Fertilizers

EN 16087-1:2020 Soil improvers and growing media. Determination of the aerobic biological activity. Part 1: Oxygen uptake rate (OUR)

### 65.120 Animal feeding stuffs

CEN/TS 17455:2020 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 mycotoxins EN 15741:2020 Animal feeding stuffs: Methods of sampling and analysis. Determination of OCPs and PCBs by GC-MS

EN 15742:2020 Animal feeding stuffs: Methods of sampling and analysis. Determination of OCPs by GC-ECD

EN 16215:2020 Animal feeding stuffs: Methods of sampling and analysis. Determination of dioxins and dioxin-like PCBs and of indicator

PCBs by GC/HRMS EN 17362:2020 Animal feeding stuffs: Methods of sampling and analysis. Determination of pentachlorophenol (PCP) in feed materials and

#### compound feed by LC-MS/MS 65.150 Fishing and fish breeding

CWA 17518:2020 Good practice recommendations for making Climate Adaptation Plans for fisheries and aquaculture

## 67.050 General methods of test and analysis for food products

EN ISO 20647:2020 Infant formula and adult nutritionals -Determination of total iodine. Inductively coupled plasma mass spectrometry (ICP-MS)

#### (ISO 20647:2015) 67.060 Cereals, pulses and derived products

EN 17252:2020 Foodstuffs. Determination of phomopsin A in lupin seeds and lupin derived products by HPLC-MS/MS

EN ISO 16624:2020 Wheat flour and durum wheat semolina . Determination of colour by diffuse reflectance colorimetry (ISO 16624:2020)

## 67.100.10 Milk and processed milk products

EN ISO 15151:2020 Milk, milk products, infant formula and adult nutritionals. Determination of minerals and trace elements. Inductively coupled

plasma atomic emission spectrometry (ICP-AES) method (ISO 15151:2018) EN ISO 16297:2020 Milk. Bacterial count. Protocol for the evaluation of alternative methods (ISO 16297:2020)

#### EN ISO 16958:2020

Milk, milk products, infant formula and adult nutritionals. Determination of fatty acids composition. Capillary gas

chromatographic method (ISO 16958:2015) EN ISO 21424:2020 Milk, milk products, infant formula and adult nutritionals. Determination of minerals and trace elements. Inductively coupled

plasma mass spectrometry (ICP-MS) method (ISO 21424:2018) 67.120.10 Meat and meat products

EN 17251:2020 Foodstuffs. Determination of ochratoxin A in pork meat and derived products by IAC clean-up and HPLC-FLD

#### 67.120.30 Fish and fishery products

EN 17099:2020 Information technology. Fishery and aquaculture products. Requirements for labelling of distribution units and pallets in the

trade of fishery and aquaculture products 67.140.30 Cocoa

EN 17250:2020 Foodstuffs. Determination of ochratoxin A in spices, liquorice, cocoa and cocoa products by IAC clean-up and HPLC-FLD

EN ISO 34101-1:2020 Sustainable and traceable cocoa. Part 1: Requirements for cocoa sustainability management systems (ISO 34101-1:2019)

EN ISO 34101-2:2020 Sustainable and traceable cocoa. Part 2: Requirements for performance (related to economic, social and environmental

#### aspects) (ISO 34101-2:2019) 67.200.10 Animal and vegetable fats and oils

EN 14103:2020 Fat and oil derivatives. Fatty Acid Methyl Esters (FAME). Determination of ester and linolenic acid methyl ester contents

EN ISO 3657:2020 Animal and vegetable fats and oils. Determination of saponification value (ISO 3657:2020)

## 67.200.20 Oilseeds

EN ISO 665:2020 Oilseeds. Determination of moisture and volatile matter content (ISO 665:2020)

#### 67.220.10 Spices and condiments

EN 17250:2020 Foodstuffs. Determination of ochratoxin A in spices, liquorice, cocoa and cocoa products by IAC clean-up and HPLC-FLD

## 67.250 Materials and articles in contact with foodstuffs

EN 4855-01:2020 Aerospace series. ECO efficiency of catering equipment. Part 01: General conditions

EN 4855-02:2020 Aerospace series. ECO efficiency of catering equipment. Part 02: Oven equipment

EN 4855-03:2020 Aerospace series. ECO efficiency of catering equipment. Part 03: Chilling equipment

EN 4855-04:2020 Aerospace series. ECO efficiency of catering equipment. Part 04: Beverage makers

## 71.040.10 Chemical laboratories. Laboratory equipment

CEN/TS 17441:2020 Laboratory installations. Ventilation systems in laboratories

EN 13150:2020 Workbenches for laboratories in educational institutions. Dimensions, safety and durability requirements and test methods

## 71.040.40 Chemical analysis

EN ISO 6141:2015/A1:2020 Gas analysis. Contents of certificates for calibration gas mixtures. Amendment 1: Cross reference list to ISO Guide

31:2015 and ISO/IEC 17025:2017 (ISO 6141:2015/Amd 1:2020) 71.040.50 Physicochemical methods of analysis

CEN/TS 17455:2020 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 mycotoxins **71.100.20 Gases for industrial application** 

## EN 17533:2020

Gaseous hydrogen. Cylinders and tubes for stationary storage

EN ISO 17268:2020

Gaseous hydrogen land vehicle refuelling connection devices (ISO/FDIS 17268:2019)

## 71.100.35 Chemicals for industrial and domestic disinfection purposes

EN 17272:2020

Chemical disinfectants and antiseptics. Methods of airborne room disinfection by automated process. Determination of

bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities **71.100.45 Refrigerants and antifreezes** 

EN 14624:2020 Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants

## 71.100.50 Wood-protecting chemicals

EN 12404:2020

Durability of wood and wood-based products. Assessment of the effectiveness of masonry fungicide to prevent growth into

wood of Dry Rot Serpula lacrymans (Schumacher ex Fries) S.F. Gray. Laboratory method EN 1390:2020 Wood preservatives. Determination of the eradicant action against Hylotrupes bajulus (Linnaeus) larvae. Laboratory method

EN 14128:2020

Durability of wood and wood-based products. Efficacy criteria for curative wood preservatives as determined by biological

tests 71.100.70 Cosmetics. Toiletries

EN ISO 24444:2020 Cosmetics. Sun protection test methods. In vivo determination of the sun protection factor (SPF) (ISO 24444:2019)

EN ISO 28399:2020 Dentistry. External tooth bleaching products (ISO 28399:2020)

## 73.020 Mining and quarrying

## 73.120 Equipment for processing of minerals

EN 1009-1:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 1: Common requirements for

machinery and processing plants EN 1009-2:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 2: Specific requirements for

feeding machinery and continuous handling equipment EN 1009-3:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 3: Specific requirements for

crushing and milling machinery EN 1009-4:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 4: Specific requirements for

screening machinery EN 1009-5:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 5: Specific requirements for

#### cleaning, recycling, sorting and mud treatment machinery 75.020 Extraction and processing of petroleum and natural gas

EN ISO 29001:2020 Petroleum, petrochemical and natural gas industries. Sector-specific quality management systems. Requirements for

product and service supply organizations (ISO 29001:2020) **75.080 Petroleum products in general** 

EN ISO 14935:2020 Petroleum and related products. Determination of wick flame persistence of fire-resistant fluids (ISO 14935:2020)

EN ISO 4259-3:2020 Petroleum and related products. Precision of measurement methods and results. Part 3: Monitoring and verification of

published precision data in relation to methods of test (ISO 4259-3:2020) **75.120 Hydraulic fluids** 

EN ISO 12922:2020 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 (ISO 12922:2020) 75.160.20 Liquid fuels

CEN/TR 15367-1:2020 Petroleum products. Guidelines for good housekeeping. Part 1: Automotive diesel fuels

CEN/TR 17491:2020 Automotive fuels. Information on aniline, N-methyl aniline, N-ethyl aniline, N,N di-methyl aniline and secondary-butyl acetate

when used as blending components in unleaded petrol **75.160.30 Gaseous fuels** 

EN ISO 13758:1996/A1:2020 Liquefied petroleum gases. Assessment of the dryness of propane. Valve freeze method. Amendment 1 (ISO

13758:1996/Amd 1:2020) EN ISO 8973:1999/A1:2020 Liquefied petroleum gases. Calculation method for density and vapour pressure. Amendment 1 (ISO 8973:1997/Amd

## 1:2020) **75.160.40 Biofuels**

## EN ISO 20024:2020 Solid biofuels. Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020)

EN ISO 20049-1:2020 Solid biofuels. Determination of self-heating of pelletized biofuels. Part 1: Isothermal calorimetry (ISO 20049-1:2020)

EN ISO 21404:2020 Solid biofuels. Determination of ash melting behaviour (ISO 21404:2020)

EN ISO 21945:2020 Solid biofuels. Simplified sampling method for small scale applications (ISO 21945:2020)

## 75.180.10 Exploratory, drilling and extraction equipment

EN ISO 13680:2020 Petroleum and natural gas industries. Corrosion-resistant alloy seamless tubular products for use as casing, tubing,

coupling stock and accessory material. Technical delivery conditions (ISO 13680:2020) EN ISO 20321:2020 Petroleum, petrochemical and natural gas industries. Safety of machineries. Powered elevators (ISO 20321:2020)

## 75.180.30 Volumetric equipment and measurements

EN ISO 8222:2020 Petroleum measurement systems. Calibration. Volumetric measures, proving tanks and field measures (including formulae

## for properties of liquids and materials) (ISO 8222:2020) 75.200 Petroleum, petroleum products and natural gas handling equipment

CEN/TR 15367-1:2020 Petroleum products. Guidelines for good housekeeping. Part 1: Automotive diesel fuels

CEN/TR 17452:2020

Natural gas fuelling stations — Guidance for implementation of European standards on CNG and LNG stations for fuelling

vehicles EN ISO 20088-2:2020 Determination of the resistance to cryogenic spill of insulation materials. Part 2: Vapour exposure (ISO 20088-2:2020)

EN ISO 20257-1:2020

Installation and equipment for liquefied natural gas. Design of floating LNG installations. Part 1: General requirements (ISO

20257-1:2020) EN ISO 21809-3:2016/A1:2020

Petroleum and natural gas industries. External coatings for buried or submerged pipelines used in pipeline transportation systems. Part 3: Field joint coatings. Amendment 1: Introduction of mesh-backed coating systems (ISO

## 21809-3:2016/Amd 1:2020) 77.040.10 Mechanical testing of metals

EN ISO 10113:2020 Metallic materials. Sheet and strip. Determination of plastic strain ratio (ISO 10113:2020)

# 77.040.20 Non-destructive testing of metals

## EN ISO 10893-1:2011/A1:2020

Non-destructive testing of steel tubes. Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness. Amendment 1: Change of dimensions of

the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020) EN ISO 10893-12:2011/A1:2020

Non-destructive testing of steel tubes. Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes. Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd

1:2020)

EN ISÓ 10893-2:2011/A1:2020

Non-destructive testing of steel tubes. Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections. Amendment 1: Change of dimensions of the reference notch;

change acceptance criteria (ISO 10893-2:2011/Amd 1:2020) EN ISO 10893-3:2011/A2:2020

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 2: Change acceptance criteria (ISO 10893-3:2011/Amd 2:2020) EN ISO 10893-8:2011/A1:2020 Non-destructive testing of steel tubes. Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the

detection of laminar imperfections. Amendment 1: Change acceptance criteria (ISO 10893-8:2011/Amd 1:2020) **77.040.99 Other methods of testing of metals** 

EN ISO 643:2020

Steels. Micrographic determination of the apparent grain size (ISO 643:2019, Corrected version 2020-03)

## 77.060 Corrosion of metals

EN 17243:2020 Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater

EN ISO 11844-1:2020 Corrosion of metals and alloys. Classification of low corrosivity of indoor atmospheres. Part 1: Determination and estimation

of indoor corrosivity (ISO 11844-1:2020) EN ISO 11844-2:2020

Corrosion of metals and alloys. Classification of low corrosivity of indoor atmospheres. Part 2: Determination of corrosion

attack in indoor atmospheres (ISO 11844-2:2020) EN ISO 11844-3:2020

Corrosion of metals and alloys. Classification of low corrosivity of indoor atmospheres. Part 3: Measurement of

environmental parameters affecting indoor corrosivity (ISO 11844-3:2020) EN ISO 7539-10:2020 Corrosion of metals and alloys. Stress corrosion testing. Part 10: Reverse U-bend method (ISO 7539-10:2020)

EN ISO 8044:2020 Corrosion of metals and alloys. Vocabulary (ISO 8044:2020)

EN ISO 8044:2020 Corrosion of metals and alloys. Vocabulary (ISO 8044:2020)

## 77.080.01 Ferrous metals in general

EN ISO 439:2020 Steel and cast irons. Determination of silicon content. Gravimetric method (ISO 439:2020)

## 77.100 Ferroalloys

EN ISO 6501:2020 Ferronickel. Specification and delivery requirements (ISO 6501:2020)

## EN ISO 7526:2020

Ferronickels. Determination of sulfur content. Infrared absorption method after induction furnace combustion (ISO

## 7526:2020) 77.120.10 Aluminium and aluminium alloys

EN 1676:2020

Aluminium and aluminium alloys. Alloyed ingots for remelting. Specifications

## EN 1676:2020

Aluminium and aluminium alloys. Alloyed ingots for remelting. Specifications

## 77.120.30 Copper and copper alloys

CEN/TS 13388:2020 Copper and copper alloys. Compendium of compositions and products

CEN/TS 13388:2020 Copper and copper alloys. Compendium of compositions and products

## 77.120.40 Nickel, chromium and their alloys

EN ISO 7526:2020

Ferronickels. Determination of sulfur content. Infrared absorption method after induction furnace combustion (ISO

### 7526:2020)

# 77.140.50 Flat steel products and semi-products

EN 10139:2016+A1:2020 Cold rolled uncoated low carbon steel narrow strip for cold forming. Technical delivery conditions

EN 10372:2020 Quality tracking system for flat steel products using barcode. Printing, reading and information processing

## 77.140.75 Steel pipes and tubes for specific use

EN ISO 10893-1:2011/A1:2020

Non-destructive testing of steel tubes. Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness. Amendment 1: Change of dimensions of

the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020)

EN ISO 10893-12:2011/A1:2020

Non-destructive testing of steel tubes. Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes. Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd

1:2020)

EN ISÓ 10893-2:2011/A1:2020

Non-destructive testing of steel tubes. Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections. Amendment 1: Change of dimensions of the reference notch;

change acceptance criteria (ISO 10893-2:2011/Amd 1:2020) EN ISO 10893-3:2011/A2:2020

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 2: Change acceptance criteria (ISO 10893-3:2011/Amd 2:2020) EN ISO 10893-8:2011/A1:2020

Non-destructive testing of steel tubes. Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the

detection of laminar imperfections. Amendment 1: Change acceptance criteria (ISO 10893-8:2011/Amd 1:2020) EN ISO 13680:2020

Petroleum and natural gas industries. Corrosion-resistant alloy seamless tubular products for use as casing, tubing,

coupling stock and accessory material. Technical delivery conditions (ISO 13680:2020) **77.150.10 Aluminium products** 

## EN 1706:2020

Aluminium and aluminium alloys. Castings. Chemical composition and mechanical properties

EN 1706:2020 Aluminium and aluminium alloys. Castings. Chemical composition and mechanical properties

## 77.150.30 Copper products

CEN/TS 13388:2020 Copper and copper alloys. Compendium of compositions and products

CEN/TS 13388:2020 Copper and copper alloys. Compendium of compositions and products

## 77.160 Powder metallurgy

EN ISO 13517:2020 Metallic powders. Determination of flow rate by means of a calibrated funnel (Gustavsson flowmeter) (ISO 13517:2020)

EN ISO 4497:2020 Metallic powders. Determination of particle size by dry sieving (ISO 4497:2020)

## 79.080 Semi-manufactures of timber

EN 13629:2020 Wood flooring. Solid individual and pre-assembled hardwood boards

EN 14915:2013+A2:2020 Solid wood panelling and cladding. Characteristics, requirements and marking

EN 1534:2020 Wood flooring and parquet. Determination of resistance to indentation. Test method

## 79.120.10 Woodworking machines

EN ISO 19085-11:2020 Woodworking machines. Safety. Part 11: Combined machines (ISO 19085-11:2020)

EN ISO 19085-13:2020 Woodworking machines. Safety. Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO

19085-13:2020) EN ISO 19085-9:2020 Woodworking machines. Safety. Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

## 83.080.01 Plastics in general

EN ISO 11357-2:2020 Plastics. Differential scanning calorimetry (DSC). Part 2: Determination of glass transition temperature and step height (ISO

11357-2:2020) EN ISO 179-2:2020 Plastics. Determination of Charpy impact properties. Part 2: Instrumented impact test (ISO 179-2:2020)

EN ISO 75-1:2020 Plastics. Determination of temperature of deflection under load. Part 1: General test method (ISO 75-1:2020)

## 83.080.20 Thermoplastic materials

### CEN ISO/TR 21960:2020

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

EN ISO 19064-2:2020

Plastics. Styrene-acrylonitrile (SAN) moulding and extrusion materials. Part 2: Preparation of test specimens and

determination of properties (ISO 19064-2:2020) EN ISO 19066-2:2020 Plastics. Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials. Part 2: Preparation

of test specimens and determination of properties (ISO 19066-2:2020) EN ISO 23153-1:2020 Plastics. Polyetheretherketone (PEEK) moulding and extrusion materials. Part 1: Designation system and basis for

specifications (ISO 23153-1:2020) EN ISO 23153-2:2020

Plastics. Polyetheretherketone (PEEK) moulding and extrusion materials. Part 2: Preparation of test specimens and

determination of properties (ISO 23153-2:2020) EN ISO 24022-2:2020 Plastics. Polystyrene (PS) moulding and extrusion materials. Part 2: Preparation of test specimens and determination of

properties (ISO 24022-2:2020) EN ISO 24023-1:2020 Plastics. Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials. Part 1: Designation system and basis

for specifications (ISO 24023-1:2020) EN ISO 24023-2:2020 Plastics. Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials. Part 2: Preparation of test specimens

and determination of properties (ISO 24023-2:2020) EN ISO 24025-1:2020 Plastics. Sulfone polymer moulding and extrusion materials. Part 1: Designation system and basis for specifications (ISO

24025-1:2020)

EN ISO 24025-2:2020 Plastics. Sulfone polymer moulding and extrusion materials. Part 2: Preparation of test specimens and determination of

properties (ISO 24025-2:2020) EN ISO 24026-1:2020 Plastics. Poly(methyl methacrylate) (PMMA) moulding and extrusion materials. Part 1: Designation system and basis for

specifications (ISO 24026-1:2020) EN ISO 24026-2:2020

Plastics. Poly(methyl methacrylate) (PMMA) moulding and extrusion materials. Part 2: Preparation of test specimens and

determination of properties (ISO 24026-2:2020) 83.140.10 Films and sheets

EN 13206:2017+A1:2020 Plastics. Thermoplastic covering films for use in agriculture and horticulture

#### 83.140.30 Plastics pipes and fittings for non fluid use

EN ISO 8659:2020 Thermoplastics valves. Fatigue strength. Test method (ISO 8659:2020)

## 83.140.40 Hoses

EN ISO 16964:2020 Gas cylinders. Flexible hoses assemblies. Specification and testing (ISO 16964:2019)

#### 83.160.10 Road vehicle tyres

EN 16662-1:2020

Road vehicles. Supplementary grip devices for tyres of passenger cars and light duty vehicles. Part 1: General safety and

performance requirements 83.180 Adhesives

EN 17333-1:2020 Characterisation of one component foam. Part 1: Foam yield characteristics

EN 17333-2:2020 Characterisation of one component foam. Part 2: Expansion characteristics

EN 17333-2:2020/AC:2020 Characterisation of one component foam. Part 2: Expansion characteristics

EN 17333-3:2020 Characterisation of one component foam. Part 3: Application

EN 17333-5:2020 Characterisation of one component foam. Part 5: Insulation

EN ISO 17178:2020 Adhesives. Adhesives for bonding parquet to subfloor. Test methods and minimum requirements (ISO 17178:2013)

## 85.060 Paper and board

EN ISO 536:2020 Paper and board. Determination of grammage (ISO 536:2019)

### 87.040 Paints and varnishes

CEN/TS 927-8:2020

Paints and varnishes. Coating materials and coating systems for exterior wood. Part 8: Determination of the adhesion on wood after water exposure by a double-X-cut test

EN 927-11:2020 Paints and varnishes. Coating materials and coating systems for exterior wood. Part 11: Assessment of air

inclusions/microfoam in coating films EN 927-7:2020 Paints and varnishes. Coating materials and coating systems for exterior wood. Part 7: Assessment of knot staining

resistance of wood coatings EN ISO 15091:2020 Paints and varnishes. Determination of electrical conductivity and resistance (ISO 15091:2019)

EN ISO 15184:2020 Paints and varnishes. Determination of film hardness by pencil test (ISO 15184:2020)

EN ISO 19396-1:2020 Paints and varnishes. Determination of pH value. Part 1: pH electrodes with glass membrane (ISO 19396-1:2017)

EN ISO 19396-2:2020 Paints and varnishes. Determination of pH value. Part 2: pH electrodes with ISFET technology (ISO 19396-2:2017)

EN ISO 19403-1:2020 Paints and varnishes. Wettability. Part 1: Terminology and general principles (ISO 19403-1:2017)

EN ISO 3668:2020 Paints and varnishes. Visual comparison of colour of paints (ISO 3668:2017)

#### 87.060.10 Pigments and extenders

## EN ISO 3262-1:2020

Extenders. Specifications and methods of test. Part 1: Introduction and general test methods (ISO 3262-1:2020)

### EN ISO 787-19:2020

General methods of test for pigments. Part 19: Determination of water-soluble nitrates (Salicylic acid method) (ISO

# 787-19:2020) 91.010.01 Construction industry in general

CEN/TR 17439:2020

Guidance on how to implement EN ISO 19650-1 and -2 in Europe

EN ISO 12006-2:2020

Building construction. Organization of information about construction works. Part 2: Framework for classification (ISO

12006-2:2015) EN ISO 21597-1:2020 Information container for linked document delivery. Exchange specification. Part 1: Container (ISO 21597-1:2020)

### 91.010.99 Other aspects

EN 17213:2020 Windows and doors. Environmental Product Declarations. Product category rules for windows and pedestrian doorsets

### 91.040.01 Buildings in general

EN ISO 16484-5:2017/A1:2020 Building automation and control systems (BACS). Part 5: Data communication protocol. Amendment 1 (ISO

16484-5:2017/Amd 1:2020) EN ISO 22510:2020

Open data communication in building automation, controls and building management. Home and building electronic

#### systems. KNXnet/IP communication (ISO 22510:2019) 91.060.01 Elements for buildings in general

#### EN 13823:2020

Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single

#### burning item 91.060.10 Walls. Partitions. Facades

EN 13830:2015+A1:2020 Curtain walling. Product standard

#### 91.060.30 Ceilings. Floors. Stairs

EN 13629:2020 Wood flooring. Solid individual and pre-assembled hardwood boards

EN 1534:2020 Wood flooring and parquet. Determination of resistance to indentation. Test method

## 91.060.40 Chimneys, shafts, ducts

EN 16475-1:2020 Chimneys. Accessories. Part 1: Chimney silencers. Requirements and test methods

EN 16475-4:2020 Chimneys. Accessories. Part 4: Flue dampers. Requirements and test methods

## EN 16475-6:2020 Chimneys. Accessories. Part 6: Access components. Requirements and test methods

#### 91.060.50 Doors and windows

EN 15269-1:2019/AC:2020

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window

assemblies, including their elements of building hardware. Part 1: General requirements EN 17213:2020

Windows and doors. Environmental Product Declarations. Product category rules for windows and pedestrian doorsets

#### 91.080.13 Steel structures

EN 13381-10:2020 Test methods for determining the contribution to the fire resistance of structural members. Part 10: Applied protection to

#### solid steel bars in tension 91.080.20 Timber structures

EN ISO 8970:2020 Timber structures. Testing of joints made with mechanical fasteners. Requirements for timber density (ISO 8970:2020)

## 91.100.01 Construction materials in general

## EN 13823:2020

Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single

## burning item 91.100.10 Cement. Gypsum. Lime. Mortar

### CEN/TR 14245:2020

Cement. Guidelines for the application of EN 197-2: Assessment and verification of constancy of performance

EN 197-2:2020 Cement. Part 2: Assessment and verification of constancy of performance

## 91.100.15 Mineral materials and products

CEN/TS 17438:2020 Source materials considered in the development of the Aggregate standards of TC 154

EN 1097-2:2020 Tests for mechanical and physical properties of aggregates. Part 2: Methods for the determination of resistance to

fragmentation EN 1097-8:2020 Tests for mechanical and physical properties of aggregates. Part 8: Determination of the polished stone value

EN 12370:2020 Natural stone test methods. Determination of resistance to salt crystallisation

EN 13373:2020

Natural stone test methods. Determination of geometric characteristics on units

EN 15388:2020 Agglomerated stone. Slabs and cut-to-size products for vanity and kitchen tops

## 91.100.30 Concrete and concrete products

EN 12390-12:2020 Testing hardened concrete. Part 12: Determination of the carbonation resistance of concrete. Accelerated carbonation

method EN 13230-4:2016+A1:2020 Railway applications. Track. Concrete sleepers and bearers. Part 4: Prestressed bearers for switches and crossings

EN 13230-6:2020 Railway applications. Track. Concrete sleepers and bearers. Part 6: Design

## 91.100.60 Thermal and sound insulating materials

EN 17333-4:2020 Characterisation of one component foam. Part 4: Mechanical strength

## 91.140.01 Installations in buildings in general

EN ISO 16484-6:2020 Building automation and control systems (BACS). Part 6: Data communication conformance testing (ISO 16484-6:2020)

## 91.140.30 Ventilation and air-conditioning

CEN/TS 17441:2020 Laboratory installations. Ventilation systems in laboratories

## 91.140.40 Gas supply systems

EN 1749:2020 Classification of gas appliances according to the method of supplying combustion air and of evacuation of the combustion

products (types) 91.140.65 Water heating equipment

EN 12897:2016+A1:2020 Water supply. Specification for indirectly heated unvented (closed) storage water heaters

## 91.140.90 Lifts. Escalators

EN 12015:2020 Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Emission

EN 81-20:2020

Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Part 20: Passenger

and goods passenger lifts EN 81-20:2020 Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Part 20: Passenger

and goods passenger lifts EN 81-50:2020 Safety rules for the construction and installation of lifts. Examinations and tests. Part 50: Design rules, calculations,

examinations and tests of lift components EN 81-50:2020 Safety rules for the construction and installation of lifts. Examinations and tests. Part 50: Design rules, calculations,

examinations and tests of lift components 91.180 Interior finishing

EN 235:2020 Wallcoverings. Vocabulary and symbols

## 91.190 Building accessories

EN 16867:2020 Building hardware. Mechatronic door furniture. Requirements and test methods

#### 91.220 Construction equipment

## EN 1009-1:2020

Machines for mechanical processing of minerals and similar solid materials. Safety. Part 1: Common requirements for

machinery and processing plants EN 1009-2:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 2: Specific requirements for

feeding machinery and continuous handling equipment EN 1009-3:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 3: Specific requirements for

crushing and milling machinery EN 1009-4:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 4: Specific requirements for

screening machinery EN 1009-5:2020 Machines for mechanical processing of minerals and similar solid materials. Safety. Part 5: Specific requirements for

cleaning, recycling, sorting and mud treatment machinery EN 17293:2020 Temporary works equipment. Execution. Requirements for manufacturing

EN ISO 19432-1:2020

Building construction machinery and equipment. Portable, hand-held, internal combustion engine-driven abrasive cutting

machines. Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO 19432-1:2020) 93.020 Earthworks. Excavations. Foundation construction. Underground works

EN ISO 18674-3:2017/A1:2020

Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. Part 3: Measurement of

displacements across a line: Inclinometers. Amendment 1 (ISO 18674-3:2017/Amd 1:2020) EN ISO 22476-14:2020 Geotechnical investigation and testing. Field testing. Part 14: Borehole dynamic probing (ISO 22476-14:2020)

#### 93.030 External sewage systems

#### EN 13476-2:2018+A1:2020

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 EN 13476-3:2018+A1:2020

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 EN 13598-1:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 1: Specifications for ancillary fittings and shallow chambers EN 13598-2:2020

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U),

polypropylene (PP) and polyethylene (PE). Part 2: Specifications for manholes and inspection chambers **93.080.20 Road construction materials** 

EN 12697-1:2020

Bituminous mixtures. Test methods. Part 1: Soluble binder content

EN 12697-11:2020

Bituminous mixtures. Test methods. Part 11: Determination of the affinity between aggregate and bitumen

EN 12697-14:2020 Bituminous mixtures. Test methods. Part 14: Water content

EN 12697-19:2020 Bituminous mixtures. Test methods. Part 19: Permeability of specimen

EN 12697-20:2020 Bituminous mixtures. Test methods. Part 20: Indentation using cube or Marshall specimens

EN 12697-21:2020 Bituminous mixtures. Test methods. Part 21: Indentation using plate specimens

EN 12697-22:2020 Bituminous mixtures. Test methods. Part 22: Wheel tracking

EN 12697-28:2020 Bituminous mixtures. Test methods. Part 28: Preparation of samples for determining binder content, water content and

grading EN 12697-29:2020 Bituminous mixtures. Test methods. Part 29: Determination of the dimensions of a bituminous specimen

EN 12697-34:2020 Bituminous mixtures. Test methods. Part 34: Marshall test

EN 12697-39:2020

Bituminous mixtures. Test methods. Part 39: Binder content by ignition

EN 12697-40:2020 Bituminous mixtures. Test methods. Part 40: In situ drainability

EN 12697-45:2020 Bituminous mixtures. Test methods. Part 45: Saturation Ageing Tensile Stiffness (SATS) conditioning test

EN 12697-46:2020 Bituminous mixtures. Test methods. Part 46: Low temperature cracking and properties by uniaxial tension tests

EN 12697-6:2020 Bituminous mixtures. Test methods. Part 6: Determination of bulk density of bituminous specimens

#### 93.080.30 Road equipment and installations

EN 1794-2:2020 Road traffic noise reducing devices. Non-acoustic performance. Part 2: General safety and environmental requirements

#### 93.100 Construction of railways

EN 13146-4:2020 Railway applications. Track. Test methods for fastening systems. Part 4: Effect of repeated loading

EN 13146-9:2020 Railway applications. Track. Test methods for fastening systems. Part 9: Determination of stiffness

EN 13230-4:2016+A1:2020 Railway applications. Track. Concrete sleepers and bearers. Part 4: Prestressed bearers for switches and crossings

EN 13230-6:2020 Railway applications. Track. Concrete sleepers and bearers. Part 6: Design EN 16729-2:2020

Railway applications. Infrastructure. Non-destructive testing on rails in track. Part 2: Eddy current testing of rails in track

EN 17319:2020 Railway applications. Infrastructure. Performance requirements of rail fastening systems for tramways

## 97.040.20 Cooking ranges, working tables, ovens and similar appliances

EN 15181:2017+A1:2020 Measuring method of the energy consumption of gas fired ovens

## EN 484:2019/AC:2020

Specification for dedicated liquefied petroleum gas appliances. Independent stoves, including those incorporating a grill for

#### outdoor use 97.040.99 Other kitchen equipment

EN 16282-6:2020 Equipment for commercial kitchens. Components for ventilation in commercial kitchens. Part 6: Aerosol separators; Design

# and safety requirements **97.140 Furniture**

EN 1335-1:2020 Office furniture. Office work chair. Part 1: Dimensions. Determination of dimensions

EN 14988:2017+A1:2020 Children's high chairs. Requirements and test methods

## 97.145 Ladders

EN 131-4:2020 Ladders. Part 4: Single or multiple hinge-joint ladders

## 97.150 Non-textile floor coverings

EN 12199:2020 Resilient floor coverings. Specifications for homogeneous and heterogeneous relief rubber floor coverings

EN 15398:2020 Resilient, textile, laminate and modular mechanical locked floor coverings (MMF). Floor covering standard symbols.

Complementary element EN 17317:2020 Resilient, textile, laminate and modular mechanical locked floor coverings. Light reflectance value (LRV) of a flooring surface

EN 17368:2020 Laminate floor coverings. Determination of impact resistance with small ball

EN 17396:2020 Resilient floor coverings. Quartz vinyl tiles. Specification

EN 1816:2020

Resilient floor coverings. Specification for homogeneous and heterogeneous smooth rubber floor coverings with foam

backing EN 1817:2020 Resilient floor coverings. Specification for homogeneous and heterogeneous smooth rubber floor coverings

EN ISO 10581:2020 Resilient floor coverings. Homogeneous poly(vinyl chloride) floor covering. Specifications (ISO 10581:2019)

## EN ISO 12951:2020

Textile floor coverings. Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad

#### machine (ISO 12951:2020) 97.170 Body care equipment

EN ISO 28399:2020 Dentistry. External tooth bleaching products (ISO 28399:2020)

### 97.190 Equipment for children

EN 14350:2020 Child care articles. Drinking equipment. Safety requirements and test methods

EN 14988:2017+A1:2020 Children's high chairs. Requirements and test methods

### 97.195 Items of art and handicrafts

EN 17187:2020 Conservation of Cultural Heritage. Characterization of mortars used in cultural heritage

## 97.200.10 Theatre, stage and studio equipment, and work stations

EN 17206:2020 Entertainment technology. Machinery for stages and other production areas. Safety requirements and inspections

## 97.200.30 Camping equipment and camp-sites

EN ISO 5912:2020 Camping tents. Requirements and test methods (ISO 5912:2020)

#### 97.200.40 Playgrounds

CEN/TR 16396:2020 Playground equipment for children. Replies to requests for interpretation of EN 1176 and its parts

EN 1176-7:2020 Playground equipment and surfacing. Part 7: Guidance on installation, inspection, maintenance and operation

## 97.200.50 Toys

EN 71-7:2014+A3:2020 Safety of toys. Part 7: Finger paints. Requirements and test methods

## 97.220.10 Sports facilities

EN 1517:2020 Surfaces for sports areas. Determination of resistance to impact

EN 15567-1:2015+A1:2020 Sports and recreational facilities. Ropes courses. Part 1: Construction and safety requirements

EN 15567-1:2015+A1:2020 Sports and recreational facilities. Ropes courses. Part 1: Construction and safety requirements

EN 1569:2020 Surfaces for sports areas. Determination of the behaviour under a rolling load

## EN 17324:2020

Surfaces for sports areas. Test method for the determination of the resistance to dynamic fatigue of shock pads and sports

#### surfaces EN 17326:2020

Surfaces for sports areas. Determination of dimensional stability of shock pads used within sports systems

EN 17409:2020

Surfaces for sports areas. Code of practice for the sampling of performance infills used within synthetic turf surfaces

### 97.220.20 Winter sports equipment

EN ISO 20320:2020 Protective clothing for use in Snowboarding. Wrist Protectors. Requirements and test methods (ISO 20320:2020)

## 97.220.30 Indoor sports equipment

EN 914:2020 Gymnastic equipment. Parallel bars and combination asymmetric/parallel bars. Requirements and test methods including

#### safety 97.220.40 Outdoor and water sports equipment

EN 1651:2018+A1:2020 Paragliding equipment. Harnesses. Safety requirements and strength tests

EN 17109:2020

Mountaineering equipment. Individual safety systems for rope courses. Safety requirements and test methods

EN 17232:2020

Water play equipment and features. Safety requirements, test methods and operational requirements

EN ISO 21853:2020 Kite boarding. Release system. Safety requirements and test methods (ISO 21853:2020)