

## **Uusimmat CENin julkaisut ajalta 1.7. – 30.9.2020**

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

CEN ISO/TS 80004-11:2020

Nanotechnologies. Vocabulary. Part 11: Nanolayer, nanocoating, nanofilm, and related terms (ISO/TS 80004-11:2017)

CEN ISO/TS 80004-13:2020

Nanotechnologies. Vocabulary. Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)

### **01.040.13 Environment and health protection. Safety (Vocabularies)**

EN 17173:2020

European CBRNE glossary

EN ISO 14050:2020

Environmental management. Vocabulary (ISO 14050:2020)

### **01.040.25 Manufacturing engineering (Vocabularies)**

EN ISO 25239-1:2020

Friction stir welding. Aluminium. Part 1: Vocabulary (ISO 25239-1:2020)

### **01.040.35 Information technology. Office machines (Vocabularies)**

EN ISO 11073-10101:2020

Health informatics. Device interoperability. Part 10101: Point-of-care medical device communication. Nomenclature

(ISO/IEEE 11073-10101:2020)

### **01.040.49 Aircraft and space vehicle engineering (Vocabularies)**

EN 16603-60-20:2020

Space engineering. Star sensor terminology and performance specification

EN 16603-60-20:2020

Space engineering. Star sensor terminology and performance specification

### **01.100.01 Technical drawings in general**

EN ISO 128-2:2020

Technical product documentation (TPD). General principles of representation. Part 2: Basic conventions for lines (ISO

128-2:2020)

EN ISO 128-2:2020

Technical product documentation (TPD). General principles of representation. Part 2: Basic conventions for lines (ISO

128-2:2020)

EN ISO 128-3:2020

Technical product documentation. General principles of representation. Part 3: Views, sections and cuts (ISO 128-3:2020)

### **01.140.30 Documents in administration, commerce and industry**

EN ISO 3166-1:2020

Codes for the representation of names of countries and their subdivisions. Part 1: Country code (ISO 3166-1:2020)

### **03.080.01 Services in general**

EN 17371-3:2020

Provision of services. Part 3: Management of Performance Measurement. Guidance on the mechanism to measure performance as part of service contracts

### **03.080.10 Industrial services**

EN ISO 41014:2020

Facility management. Development of facility management strategy (ISO 41014:2020)

### **03.100.30 Management of human resources**

EN 13067:2020

Plastics welding personnel. Qualification of welders. Thermoplastics welded assemblies

EN ISO/ASTM 52942:2020

Additive manufacturing. Qualification principles. Qualifying machine operators of laser metal powder bed fusion machines and equipment used in aerospace applications (ISO/ASTM 52942:2020)

### **03.100.70 Management systems**

EN 9131:2020

Aerospace series. Quality Management Systems. Nonconformance Data Definition and Documentation

EN ISO 14002-1:2020

Environmental management systems. Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area. Part 1: General (ISO 14002-1:2019)

### **03.100.99 Other standards related to company organization and management**

CWA 17484:2020

Anaerobic digestion plants. Feasibility assessment methodology for integrating a Volatile Fatty Acid Platform Technology

### **03.120.10 Quality management and quality assurance**

EN 9130:2020

Aerospace series. Quality systems. Record retention

EN 9131:2020

Aerospace series. Quality Management Systems. Nonconformance Data Definition and Documentation

### **03.220.01 Transport in general**

CEN ISO/TS 21176:2020

Cooperative intelligent transport systems (C-ITS). Position, velocity and time functionality in the ITS station (ISO/TS 21176:2020)

### **03.220.20 Road transport**

CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and definition of performance features and metrics related to security

CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and definition of performance features and metrics related to security

EN 15722:2020

Intelligent transport systems. ESafety. ECall minimum set of data

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic performances of GNSS-based positioning terminals

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic

performances of GNSS-based positioning terminals  
EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security

performances of GNSS-based positioning terminals  
EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security

performances of GNSS-based positioning terminals  
EN 17358:2020

Intelligent transport systems. ESafety. eCall OAD for multiple Optional Additional Datasets

EN ISO 19299:2020

Electronic fee collection. Security framework (ISO 19299:2020)

### **03.240 Postal services**

CEN/TS 17073:2020/AC:2020

Postal services. Interfaces for cross border parcels

### **07.060 Geology. Meteorology. Hydrology**

EN 14614:2020

Water quality. Guidance standard for assessing the hydromorphological features of rivers

### **07.080 Biology. Botany. Zoology**

EN ISO 20387:2020

Biotechnology. Biobanking. General requirements for biobanking (ISO 20387:2018)

EN ISO 20387:2020

Biotechnology. Biobanking. General requirements for biobanking (ISO 20387:2018)

### **07.100.30 Food microbiology**

EN ISO 16140-4:2020

Microbiology of the food chain. Method validation. Part 4: Protocol for method validation in a single laboratory (ISO

16140-4:2020)

EN ISO 16140-5:2020

Microbiology of the food chain. Method validation. Part 5: Protocol for factorial interlaboratory validation for non-proprietary

methods (ISO 16140-5:2020)

### **07.120 Nanotechnologies**

CEN ISO/TS 80004-11:2020

Nanotechnologies. Vocabulary. Part 11: Nanolayer, nanocoating, nanofilm, and related terms (ISO/TS 80004-11:2017)

CEN ISO/TS 80004-13:2020

Nanotechnologies. Vocabulary. Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)

EN ISO 17200:2020

Nanotechnology. Nanoparticles in powder form. Characteristics and measurements (ISO 17200:2020)

### **11.040.01 Medical equipment in general**

CEN ISO/TR 20416:2020

Medical devices. Post-market surveillance for manufacturers (ISO/TR 20416:2020)

CEN ISO/TR 20416:2020

Medical devices. Post-market surveillance for manufacturers (ISO/TR 20416:2020)

CEN ISO/TR 24971:2020

Medical devices. Guidance on the application of ISO 14971 (ISO/TR 24971:2020)

CEN ISO/TR 24971:2020

Medical devices. Guidance on the application of ISO 14971 (ISO/TR 24971:2020)

#### **11.040.10 Anaesthetic, respiratory and reanimation equipment**

EN ISO 7376:2020

Anaesthetic and respiratory equipment. Laryngoscopes for tracheal intubation (ISO 7376:2020)

EN ISO 81060-2:2019/A1:2020

Non-invasive sphygmomanometers. Part 2: Clinical investigation of intermittent automated measurement type. Amendment

1 (ISO 81060-2:2018/Amd 1:2020)

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

EN ISO 25539-2:2020

Cardiovascular implants. Endovascular devices. Part 2: Vascular stents (ISO 25539-2:2020)

#### **11.040.70 Ophthalmic equipment**

EN ISO 8624:2020

Ophthalmic optics. Spectacle frames. Measuring system and vocabulary (ISO 8624:2020)

#### **11.060.01 Dentistry in general**

EN ISO 16202-1:2020

Dentistry. Nomenclature of oral anomalies. Part 1: Code for the representation of oral anomalies (ISO 16202-1:2019)

EN ISO 16202-2:2020

Dentistry. Nomenclature of oral anomalies. Part 2: Developmental anomalies of teeth (ISO 16202-2:2019)

#### **11.060.10 Dental materials**

EN ISO 10271:2020

Dentistry. Corrosion test methods for metallic materials (ISO 10271:2020)

EN ISO 13017:2020

Dentistry. Magnetic attachments (ISO 13017:2020)

EN ISO 22598:2020

Dentistry. Colour tabs for intraoral tooth colour determination (ISO 22598:2020)

EN ISO 23325:2020

Dentistry. Corrosion resistance of dental amalgam (ISO 23325:2020)

#### **11.060.20 Dental equipment**

EN ISO 22052:2020

Dentistry. Central compressed air source equipment (ISO 22052:2020)

EN ISO 3630-5:2020

Dentistry. Endodontic instruments. Part 5: Shaping and cleaning instruments (ISO 3630-5:2020)

#### **11.060.25 Dental instruments**

EN ISO 22569:2020

Dentistry. Multifunction handpieces (ISO 22569:2020)

#### **11.100.20 Biological evaluation of medical devices**

EN ISO 14155:2020

Clinical investigation of medical devices for human subjects. Good clinical practice (ISO 14155:2020)

EN ISO 20776-1:2020

Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices. Part 1: Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against rapidly growing aerobic

bacteria involved in infectious diseases (ISO 20776-1:2019, including Corrected version 2019-12)

#### **11.160 First aid**

EN 1789:2020

Medical vehicles and their equipment. Road ambulances

#### **11.180.10 Aids and adaptation for moving**

EN 81-40:2020

Safety rules for the construction and installation of lifts. Special lifts for the transport of persons and goods. Part 40:

Stairlifts and inclined lifting platforms intended for persons with impaired mobility

#### **13.020.10 Environmental management**

EN ISO 14002-1:2020

Environmental management systems. Guidelines for using ISO 14001 to address environmental aspects and conditions

within an environmental topic area. Part 1: General (ISO 14002-1:2019)

EN ISO 14050:2020

Environmental management. Vocabulary (ISO 14050:2020)

#### **13.020.20 Environmental economics**

EN ISO 14007:2020

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

EN ISO 14008:2020

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

#### **13.020.55 Biobased products**

CWA 17484:2020

Anaerobic digestion plants. Feasibility assessment methodology for integrating a Volatile Fatty Acid Platform Technology

#### **13.030.01 Wastes in general**

EN 17322:2020

Environmental Solid Matrices. Determination of polychlorinated biphenyls (PCB) by gas chromatography. mass selective

detection (GC-MS) or electron-capture detection (GC-ECD)

#### **13.030.10 Solid wastes**

EN 17322:2020

Environmental Solid Matrices. Determination of polychlorinated biphenyls (PCB) by gas chromatography. mass selective

detection (GC-MS) or electron-capture detection (GC-ECD)

#### **13.030.20 Liquid wastes. Sludge**

EN 17322:2020

Environmental Solid Matrices. Determination of polychlorinated biphenyls (PCB) by gas chromatography. mass selective

detection (GC-MS) or electron-capture detection (GC-ECD)

#### **13.030.50 Recycling**

EN 45553:2020

General method for the assessment of the ability to remanufacture energy-related products

EN 45553:2020

General method for the assessment of the ability to remanufacture energy-related products

### **13.040.20 Ambient atmospheres**

EN 16516:2017+A1:2020

Construction products: Assessment of release of dangerous substances. Determination of emissions into indoor air

EN 17359:2020

Stationary source emissions. Bioaerosols and biological agents. Sampling of bioaerosols and collection in liquids.

Impingement method

### **13.040.35 Cleanrooms and associated controlled environments**

EN 17141:2020

Cleanrooms and associated controlled environments. Biocontamination control

### **13.040.40 Stationary source emissions**

CEN/TS 17340:2020

Stationary source emissions. Determination of mass concentration of fluorinated compounds expressed as HF. Standard

reference method

CEN/TS 17405:2020

Stationary source emissions. Determination of the volume concentration of carbon dioxide. Reference method: infrared

spectrometry

### **13.060.60 Examination of physical properties of water**

EN ISO 13161:2020

Water quality. Polonium 210. Test method using alpha spectrometry (ISO 13161:2020)

EN ISO 22017:2020

Water quality. Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO

22017:2020)

### **13.060.70 Examination of biological properties of water**

EN 14614:2020

Water quality. Guidance standard for assessing the hydromorphological features of rivers

### **13.080.10 Chemical characteristics of soils**

EN 17322:2020

Environmental Solid Matrices. Determination of polychlorinated biphenyls (PCB) by gas chromatography. mass selective

detection (GC-MS) or electron-capture detection (GC-ECD)

### **13.080.20 Physical properties of soils**

EN ISO 18674-4:2020

Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. Part 4: Measurement of pore

water pressure: Piezometers (ISO 18674-4:2020)

### **13.110 Safety of machinery**

EN ISO 19085-10:2019/A11:2020

Woodworking machines. Safety. Part 10: Building site saws (contractor saws) (ISO 19085-10:2018, including Corrected

version 2019-12)

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

CEN/TR 15350:2020

Mechanical vibration. Guideline for the assessment of exposure to hand-transmitted vibration using available information

including that provided by manufacturers of machinery

CEN/TR 17506:2020

Guidance on databases for human vibration

CEN/TR 17509:2020

Materials obtained from End-of-Life Tyres. Granulated rubber. Determination of textile fiber content by visual index

(qualitative method)

CEN/TR 17511:2020

Materials obtained from End-of-Life Tyres. Odour of ELT granulates. Origin and remediation possibilities

### **13.180 Ergonomics**

EN ISO 25065:2020

Systems and software engineering. Software product Quality Requirements and Evaluation (SQuaRE). Common Industry

Format (CIF) for Usability: User requirements specification (ISO 25065:2019)

### **13.200 Accident and disaster control**

EN 15722:2020

Intelligent transport systems. ESafety. ECall minimum set of data

EN 16303:2020

Road restraint systems. Validation and verification process for the use of virtual testing in crash testing against vehicle

restraint system

### **13.220.01 Protection against fire in general**

CEN/TR 17524:2020

Fire safety engineering in Europe. Review of national requirements and application

### **13.220.10 Fire-fighting**

EN 17407:2020

Portable equipment for projecting extinguishing agents supplied by firefighting pumps. Collecting heads and dividing

breechings PN 16

### **13.220.20 Fire protection**

CEN/TR 17532:2020

Railway applications. Fire protection on railway vehicles. Assessment of fire containment and control systems for railway

vehicles

EN 16750:2017+A1:2020

Fixed firefighting systems. Oxygen reduction systems. Design, installation, planning and maintenance

EN 45545-2:2020

Railway applications. Fire protection on railway vehicles. Part 2: Requirements for fire behavior of materials and

components

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

EN 13381-1:2020

Test methods for determining the contribution to the fire resistance of structural members. Part 1: Horizontal protective

membranes

EN 1366-1:2014+A1:2020

Fire resistance tests for service installations. Part 1: Ventilation ducts

EN 15269-20:2020

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 20: Smoke control for doors, shutters, operable fabric

curtains and openable windows

EN 15998:2020

Glass in building. Safety in case of fire, fire resistance. Glass testing methodology for the purpose of classification

EN 81-73:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 73: Behaviour of lifts in the event of fire

EN 81-73:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 73: Behaviour of lifts in the event of fire

### **13.240 Protection against excessive pressure**

EN ISO 4126-3:2020

Safety devices for protection against excessive pressure. Part 3: Safety valves and bursting disc safety devices in

combination (ISO 4126-3:2020)

### **13.280 Radiation protection**

EN ISO 20785-1:2020

Dosimetry for exposures to cosmic radiation in civilian aircraft. Part 1: Conceptual basis for measurements (ISO

20785-1:2020)

EN ISO 20785-2:2020

Dosimetry for exposures to cosmic radiation in civilian aircraft. Part 2: Characterization of instrument response (ISO

20785-2:2020)

EN ISO 22017:2020

Water quality. Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO

22017:2020)

### **13.300 Protection against dangerous goods**

EN 13094:2020

Tanks for the transport of dangerous goods. Metallic gravity-discharge tanks. Design and construction

EN 13094:2020

Tanks for the transport of dangerous goods. Metallic gravity-discharge tanks. Design and construction

EN 17173:2020

European CBRNE glossary

### **13.310 Protection against crime**

EN 17173:2020

European CBRNE glossary

### **13.320 Alarm and warning systems**

EN 17355:2020

Railway applications. Communication device for urban rail. System requirements

### **13.340.10 Protective clothing**

EN 17353:2020

Protective clothing. Enhanced visibility equipment for medium risk situations. Test methods and requirements

EN 469:2020

Protective clothing for firefighters. Performance requirements for protective clothing for firefighting activities



### **13.340.70 Lifejackets, buoyancy aids and flotation devices**

EN ISO 12402-2:2020

Personal flotation devices. Part 2: Lifejackets, performance level 275. Safety requirements (ISO 12402-2:2020)

EN ISO 12402-3:2020

Personal flotation devices. Part 3: Lifejackets, performance level 150. Safety requirements (ISO 12402-3:2020)

EN ISO 12402-4:2020

Personal flotation devices. Part 4: Lifejackets, performance level 100. Safety requirements (ISO 12402-4:2020)

EN ISO 12402-5:2020

Personal flotation devices. Part 5: Buoyancy aids (level 50). Safety requirements (ISO 12402-5:2020)

EN ISO 12402-6:2020

Personal flotation devices. Part 6: Special application lifejackets and buoyancy aids. Safety requirements and additional test methods (ISO 12402-6:2020)

EN ISO 12402-8:2020

Personal flotation devices. Part 8: Accessories. Safety requirements and test methods (ISO 12402-8:2020)

EN ISO 12402-9:2020

Personal flotation devices. Part 9: Evaluation (ISO 12402-9:2020)

### **17.040.20 Properties of surfaces**

EN ISO 25178-72:2017/A1:2020

Geometrical product specifications (GPS). Surface texture: Areal. Part 72: XML file format x3p. Amendment 1 (ISO 25178-72:2017/Amd 1:2020)

### **17.120.10 Flow in closed conduits**

EN ISO 5167-3:2020

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full.

Part 3: Nozzles and Venturi nozzles (ISO 5167-3:2019)

### **17.140.01 Acoustic measurements and noise abatement in general**

EN ISO 12999-2:2020

Acoustics. Determination and application of measurement uncertainties in building acoustics. Part 2: Sound absorption

(ISO 12999-2:2020)

### **17.140.20 Noise emitted by machines and equipment**

EN ISO 5135:2020

Acoustics. Determination of sound power levels of noise from air-terminal devices, air-terminal units, dampers and valves by

measurement in a reverberation test room (ISO 5135:2020)

### **17.140.30 Noise emitted by means of transport**

EN 17285:2020

Railway applications. Acoustics. Measuring of door audible warnings

### **17.240 Radiation measurements**

EN ISO 13161:2020

Water quality. Polonium 210. Test method using alpha spectrometry (ISO 13161:2020)

EN ISO 22017:2020

Water quality. Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO

22017:2020)

### **19.100 Non-destructive testing**

EN ISO 21432:2020

Non-destructive testing. Standard test method for determining residual stresses by neutron diffraction (ISO 21432:2019)

EN ISO 22232-1:2020

Non-destructive testing. Characterization and verification of ultrasonic test equipment. Part 1: Instruments (ISO

22232-1:2020)

EN ISO 22232-2:2020

Non-destructive testing. Characterization and verification of ultrasonic test equipment. Part 2: Probes (ISO 22232-2:2020)

### **23.020.20 Vessels and containers mounted on vehicles**

EN 13094:2020

Tanks for the transport of dangerous goods. Metallic gravity-discharge tanks. Design and construction

EN 13094:2020

Tanks for the transport of dangerous goods. Metallic gravity-discharge tanks. Design and construction

### **23.020.30 Pressure vessels**

EN 12542:2020

LPG equipment and accessories. Static welded steel cylindrical pressure vessels, serially produced for the storage of

Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m<sup>3</sup>. Design and manufacture

### **23.020.35 Gas cylinders**

EN ISO 13088:2012/A1:2020

Gas cylinders. Acetylene cylinder bundles. Filling conditions and filling inspection. Amendment 1 (ISO 13088:2011/Amd 1:

2020)

EN ISO 17871:2020

Gas cylinders. Quick-release cylinder valves. Specification and type testing (ISO 17871:2020)

### **23.020.40 Cryogenic vessels**

EN ISO 23208:2019/A1:2020

Cryogenic vessels. Cleanliness for cryogenic service. Amendment 1 (ISO 23208:2017/Amd 1:2020)

### **23.040.01 Pipeline components and pipelines in general**

CEN/TS 1519-2:2020

Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure. Polyethylene

(PE). Part 2: Guidance for the assessment of conformity

CEN/TS 17176-7:2020

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure.

Oriented unplasticized poly(vinyl chloride) (PVC-O). Part 7: Assessment of conformity

EN 13480-3:2017/A2:2020

Metallic industrial piping. Part 3: Design and calculation

EN 13480-3:2017/A2:2020

Metallic industrial piping. Part 3: Design and calculation

EN 13480-3:2017/A3:2020

Metallic industrial piping. Part 3: Design and calculation

EN 13480-3:2017/A3:2020

Metallic industrial piping. Part 3: Design and calculation

EN 13480-3:2017/A3:2020

Metallic industrial piping. Part 3: Design and calculation

### **23.040.10 Iron and steel pipes**

EN 14628-1:2020

Ductile iron pipes, fittings and accessories. Requirements and test methods. Part 1: PE coatings

EN ISO 10893-10:2011/A1:2020

Non-destructive testing of steel tubes. Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change

of ultrasonic test frequency; change of acceptance criteria (ISO 10893-10:2011/Amd 1:2020)

EN ISO 10893-11:2011/A1:2020

Non-destructive testing of steel tubes. Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change of ultrasonic test frequency; change of

acceptance criteria (ISO 10893-11:2011/Amd 1:2020)

EN ISO 10893-9:2011/A1:2020

Non-destructive testing of steel tubes. Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes. Amendment 1: Change acceptance criteria (ISO

10893-9:2011/Amd 1:2020)

### **23.040.20 Plastics pipes**

CEN/TS 1519-2:2020

Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure. Polyethylene

(PE). Part 2: Guidance for the assessment of conformity

EN ISO 13259:2020

Thermoplastics piping systems for underground non-pressure applications. Test method for leaktightness of elastomeric

sealing ring type joints (ISO 13259:2020)

EN ISO 6259-2:2020

Thermoplastics pipes. Determination of tensile properties. Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl

chloride) (PVC-HI) (ISO 6259-2:2020)

### **23.040.40 Metal fittings**

EN 14628-1:2020

Ductile iron pipes, fittings and accessories. Requirements and test methods. Part 1: PE coatings

### **23.040.70 Hoses and hose assemblies**

EN ISO 8031:2020

Rubber and plastics hoses and hose assemblies. Determination of electrical resistance and conductivity (ISO 8031:2020)

### **23.040.99 Other pipeline components**

EN 17414-1:2020

District cooling pipes. Factory made flexible pipe systems. Part 1: Classification, general requirements and test methods

EN 17414-2:2020

District cooling pipes. Factory made flexible pipe systems. Part 2: Bonded system with plastic service pipes; requirements

and test methods

EN 17414-3:2020

District cooling pipes. Factory made flexible pipe systems. Part 3: Non bonded system with plastic service pipes; requirements and test methods

EN 17415-1:2020

District cooling pipes. Bonded single pipe systems for directly buried cold water networks. Part 1: Factory made pipe

assembly of steel or plastic service pipe, polyurethane thermal insulation and a casing of polyethylene

## **23.080 Pumps**

EN 17038-2:2019/AC:2020

Pumps. Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units. Part 2: Testing

and calculation of Energy Efficiency Index (EEI) of single pump units

### **23.100.40 Piping and couplings**

EN ISO 3949:2020

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

## **25.030 Additive manufacturing**

EN ISO/ASTM 52942:2020

Additive manufacturing. Qualification principles. Qualifying machine operators of laser metal powder bed fusion machines

and equipment used in aerospace applications (ISO/ASTM 52942:2020)

### **25.080.01 Machine tools in general**

EN ISO 16092-2:2020

Machine tools safety. Presses. Part 2: Safety requirement for mechanical presses (ISO 16092-2:2019)

EN ISO 16092-4:2020

Machine tools safety. Presses. Part 4: Safety requirements for pneumatic presses (ISO 16092-4:2019)

### **25.160.01 Welding, brazing and soldering in general**

EN ISO 25239-3:2020

Friction stir welding. Aluminium. Part 3: Qualification of welding operators (ISO 25239-3:2020)

### **25.160.10 Welding processes**

EN 13067:2020

Plastics welding personnel. Qualification of welders. Thermoplastics welded assemblies

EN ISO 25239-1:2020

Friction stir welding. Aluminium. Part 1: Vocabulary (ISO 25239-1:2020)

EN ISO 25239-2:2020

Friction stir welding. Aluminium. Part 2: Design of weld joints (ISO 25239-2:2020)

EN ISO 25239-3:2020

Friction stir welding. Aluminium. Part 3: Qualification of welding operators (ISO 25239-3:2020)

EN ISO 25239-4:2020

Friction stir welding. Aluminium. Part 4: Specification and qualification of welding procedures (ISO 25239-4:2020)

EN ISO 25239-5:2020

Friction stir welding. Aluminium. Part 5: Quality and inspection requirements (ISO 25239-5:2020)

### **25.160.20 Welding consumables**

CEN ISO/TR 20174:2020

Welding. Grouping systems for materials. Japanese materials (ISO/TR 20174:2020)

EN ISO 14341:2020

Welding consumables. Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain

steels. Classification (ISO 14341:2020)

EN ISO 15792-1:2020

Welding consumables. Test methods. Part 1: Preparation of all-weld metal test pieces and specimens in steel, nickel and

nickel alloys (ISO 15792-1:2020)

EN ISO 15792-2:2020

Welding consumables. Test methods. Part 2: Preparation of single-run and two-run technique test pieces and specimens in

steel (ISO 15792-2:2020)

EN ISO 24034:2020

Welding consumables. Solid wire electrodes, solid wires and rods for fusion welding of titanium and titanium alloys.

Classification (ISO 24034:2020)

EN ISO 2560:2020

Welding consumables. Covered electrodes for manual metal arc welding of non-alloy and fine grain steels. Classification

(ISO 2560:2020)

EN ISO 6847:2020

Welding consumables. Deposition of a weld metal pad for chemical analysis (ISO 6847:2020)

### **25.160.40 Welded joints and welds**

EN ISO 25239-2:2020

Friction stir welding. Aluminium. Part 2: Design of weld joints (ISO 25239-2:2020)

### **25.220.10 Surface preparation**

EN ISO 8502-9:2020

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

cleanliness. Part 9: Field method for the conductometric determination of water-soluble salts (ISO 8502-9:2020)

### **25.220.20 Surface treatment**

EN 17393:2020

Thermal spraying. Tubular coating tensile test

EN ISO 18771:2020

Anodizing of aluminium and its alloys. Method to test the surface abrasion resistance using glass-coated abrasive paper

(ISO 18771:2019)

### **25.220.40 Metallic coatings**

EN ISO 1460:2020

Metallic coatings. Hot dip galvanized coatings on ferrous materials. Gravimetric determination of the mass per unit area

(ISO 1460:2020)

### **27.060.10 Liquid and solid fuel burners**

EN 12514:2020

Components for supply systems for consuming units with liquid fuels

### **27.190 Biological sources and alternative sources of energy**

CEN/TS 16214-2:2020

Sustainability criteria for the production of biofuels and bioliquids for energy applications. Principles, criteria, indicators and

verifiers. Part 2: Conformity assessment including chain of custody and mass balance

CWA 17484:2020

Anaerobic digestion plants. Feasibility assessment methodology for integrating a Volatile Fatty Acid Platform Technology

### **27.200 Refrigerating technology**

EN 13215:2016+A1:2020

Condensing units for refrigeration. Rating conditions, tolerances and presentation of manufacturer's performance data

### **29.240.01 Power transmission and distribution networks in general**

CWA 50714:2020

Reference model for distribution application for microgrids

### **33.060.30 Radio relay and fixed satellite communications systems**

CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and definition of performance features and metrics related to security

CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and definition of performance features and metrics related to security

EN 16803-1:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 1: Definitions and system engineering procedures for the establishment and assessment of performances

EN 16803-1:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 1: Definitions and system engineering procedures for the establishment and assessment of performances

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic performances of GNSS-based positioning terminals

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic performances of GNSS-based positioning terminals

EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security performances of GNSS-based positioning terminals

EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security performances of GNSS-based positioning terminals

### **35.080 Software**

EN ISO 25065:2020

Systems and software engineering. Software product Quality Requirements and Evaluation (SQuaRE). Common Industry Format (CIF) for Usability: User requirements specification (ISO 25065:2019)

### **35.240.15 Identification cards and related devices**

CEN/TS 17489-1:2020

Personal identification. Secure and interoperable European Breeder Documents. Part 1: Framework overview

EN 1332-3:2020

Identification card systems. User Interface. Part 3: Key pads

### **35.240.20 IT applications in office work**

EN 16931-1:2017+A1:2019/AC:2020

Electronic invoicing. Part 1: Semantic data model of the core elements of an electronic invoice

### **35.240.60 IT applications in transport and trade**

CEN ISO/TS 21176:2020

Cooperative intelligent transport systems (C-ITS). Position, velocity and time functionality in the ITS station (ISO/TS 21176:2020)

CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and

definition of performance features and metrics related to security  
CEN/TR 17464:2020

Space. Use of GNSS-based positioning for road Intelligent Transport System (ITS). Security attacks modelling and

definition of performance features and metrics related to security  
EN 15722:2020

Intelligent transport systems. ESafety. ECall minimum set of data

EN 16157-5:2020

Intelligent transport systems. DATEX II data exchange specifications for traffic management and information. Part 5:

Measured and elaborated data publications

EN 16803-1:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 1: Definitions and system

engineering procedures for the establishment and assessment of performances

EN 16803-1:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 1: Definitions and system

engineering procedures for the establishment and assessment of performances

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic

performances of GNSS-based positioning terminals

EN 16803-2:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 2: Assessment of basic

performances of GNSS-based positioning terminals

EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security

performances of GNSS-based positioning terminals

EN 16803-3:2020

Space. Use of GNSS-based positioning for road Intelligent Transport Systems (ITS). Part 3: Assessment of security

performances of GNSS-based positioning terminals

EN 17358:2020

Intelligent transport systems. ESafety. eCall OAD for multiple Optional Additional Datasets

EN ISO 14907-1:2020

Electronic fee collection. Test procedures for user and fixed equipment. Part 1: Description of test procedures (ISO

14907-1:2020)

EN ISO 19299:2020

Electronic fee collection. Security framework (ISO 19299:2020)

### **35.240.63 IT applications in trade**

EN 16931-1:2017+A1:2019/AC:2020

Electronic invoicing. Part 1: Semantic data model of the core elements of an electronic invoice

### **35.240.67 IT applications in building and construction industry**

EN ISO 19650-3:2020

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM). Information management using building information modelling. Part 3: Operational phase of the assets

(ISO 19650-3:2020)

EN ISO 19650-5:2020

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM). Information management using building information modelling. Part 5: Security-minded approach to

information management (ISO 19650-5:2020)  
EN ISO 23387:2020

Building information modelling (BIM). Data templates for construction objects used in the life cycle of built assets.

Concepts and principles (ISO 23387:2020)

### **35.240.69 IT applications in postal services**

CEN/TS 17073:2020/AC:2020

Postal services. Interfaces for cross border parcels

### **35.240.80 IT applications in health care technology**

CEN ISO/TS 22756:2020

Health Informatics. Requirements for a knowledge base for clinical decision support systems to be used in

medication-related processes (ISO/TS 22756:2020)

EN 1064:2020

Health informatics. Standard communication protocol. Computer-assisted electrocardiography

EN ISO 11073-10101:2020

Health informatics. Device interoperability. Part 10101: Point-of-care medical device communication. Nomenclature

(ISO/IEEE 11073-10101:2020)

### **35.240.99 IT applications in other fields**

EN 16604-30-03:2020

Space. Space Situational Awareness Monitoring. Part 30-03: Observation System Data Message (OSDM)

EN 16604-30-03:2020

Space. Space Situational Awareness Monitoring. Part 30-03: Observation System Data Message (OSDM)

### **39.040.99 Other time-measuring instruments**

EN 12414:2020

Vehicle parking control equipment. Requirements and test methods for a parking terminal

### **39.060 Jewellery**

EN 12472:2020

Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items

### **43.040.15 Car informatics. On board computer systems**

EN ISO 14907-1:2020

Electronic fee collection. Test procedures for user and fixed equipment. Part 1: Description of test procedures (ISO

14907-1:2020)

### **43.120 Electric road vehicles**

EN ISO 15118-8:2020

Road vehicles. Vehicle to grid communication interface. Part 8: Physical layer and data link layer requirements for wireless

communication (ISO 15118-8:2020)

### **43.140 Motor cycles and mopeds**

EN ISO 18243:2019/A1:2020

Electrically propelled mopeds and motorcycles. Test specifications and safety requirements for lithium-ion battery systems.

Amendment 1 (ISO 18243:2017/Amd 1:2020)

### **43.160 Special purpose vehicles**

EN 16486:2014+A1:2020

Machines for compacting waste materials or recyclable fractions. Compactors. Safety requirements



EN 1789:2020

Medical vehicles and their equipment. Road ambulances

#### **45.040 Materials and components for railway engineering**

EN 13260:2020

Railway applications. Wheelsets and bogies. Wheelsets. Product requirements

EN 13261:2020

Railway applications. Wheelsets and bogies. Axles. Product requirements

EN 13262:2020

Railway applications. Wheelsets and bogies. Wheels. Product requirements

EN 13715:2020

Railway applications. Wheelsets and bogies. Wheels. Tread profile

EN 13979-1:2020

Railway applications. Wheelsets and bogies. Monobloc Wheels. Technical approval procedure. Part 1: Forged and rolled

wheels

EN 15328:2020

Railway applications. Braking. Brake pads

#### **45.060.01 Railway rolling stock in general**

CEN/TR 17532:2020

Railway applications. Fire protection on railway vehicles. Assessment of fire containment and control systems for railway

vehicles

EN 17355:2020

Railway applications. Communication device for urban rail. System requirements

EN 45545-2:2020

Railway applications. Fire protection on railway vehicles. Part 2: Requirements for fire behavior of materials and

components

#### **45.060.20 Trailing stock**

EN 17285:2020

Railway applications. Acoustics. Measuring of door audible warnings

#### **45.120 Equipment for railway/cableway construction and maintenance**

CEN/TR 17498:2020

Railway applications. Infrastructure. Rail mounted railway maintenance and inspection machines and associated

equipment. Explanation of machine type and compliance, including acceptance processes

#### **49.020 Aircraft and space vehicles in general**

EN 9130:2020

Aerospace series. Quality systems. Record retention

EN 9131:2020

Aerospace series. Quality Management Systems. Nonconformance Data Definition and Documentation

EN ISO 20785-1:2020

Dosimetry for exposures to cosmic radiation in civilian aircraft. Part 1: Conceptual basis for measurements (ISO

20785-1:2020)

EN ISO 20785-2:2020

Dosimetry for exposures to cosmic radiation in civilian aircraft. Part 2: Characterization of instrument response (ISO

20785-2:2020)

#### **49.025.40 Rubber and plastics**

EN 6111:2020

Aerospace series. Ethylene-propylene elastomer (EPM/EPDM). Hardness 80 IRHD for static seal elements in hydraulic

systems for long-term application. Material standard

#### **49.030.99 Other fasteners**

EN 4234:2020

Aerospace series. Clamps, worm drive. Dimensions, masses

#### **49.080 Aerospace fluid systems and components**

EN 6111:2020

Aerospace series. Ethylene-propylene elastomer (EPM/EPDM). Hardness 80 IRHD for static seal elements in hydraulic

systems for long-term application. Material standard

EN 6139:2020

Aerospace series. Cap, protective, non-metallic, for EN 6123 fitting ends

EN 6140:2020

Aerospace series. Plug, protective, non-metallic, for NAS1760 fitting ends and AS33649 boss ports

EN 6141:2020

Aerospace series. Plug, protective, non-metallic, for EN 6123 fitting ends

#### **49.100 Ground service and maintenance equipment**

EN 12312-3:2017+A1:2020

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

#### **49.140 Space systems and operations**

EN 16602-60-14:2020

Space product assurance. Relifing procedure. EEE components

EN 16602-60-14:2020

Space product assurance. Relifing procedure. EEE components

EN 16603-20:2020

Space engineering. Electrical and electronic

EN 16603-20:2020

Space engineering. Electrical and electronic

EN 16603-20-01:2020

Space engineering. Multipactor, design and test

EN 16603-20-01:2020

Space engineering. Multipactor, design and test

EN 16603-20-06:2020

Space engineering. Spacecraft charging

EN 16603-20-06:2020

Space engineering. Spacecraft charging

EN 16603-50-11:2020

Space engineering. SpaceFibre. Very high-speed serial link

EN 16603-50-11:2020  
Space engineering. SpaceFibre. Very high-speed serial link

EN 16603-60-20:2020  
Space engineering. Star sensor terminology and performance specification

EN 16603-60-20:2020  
Space engineering. Star sensor terminology and performance specification

EN 16604-30-03:2020  
Space. Space Situational Awareness Monitoring. Part 30-03: Observation System Data Message (OSDM)

EN 16604-30-03:2020  
Space. Space Situational Awareness Monitoring. Part 30-03: Observation System Data Message (OSDM)

EN 17350:2020  
SCM. Scheduling and Commanding Message. Standard

EN 17350:2020  
SCM. Scheduling and Commanding Message. Standard

### **53.060 Industrial trucks**

EN 1175:2020  
Safety of industrial trucks. Electrical/electronic requirements

EN 16307-1:2020  
Industrial trucks. Safety requirements and verification. Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

EN 16842-10:2020  
Powered industrial trucks. Visibility. Test methods and verification. Part 10: Towing and Pushing tractors and Burden carrier

### **53.100 Earth-moving machinery**

EN ISO 19014-4:2020  
Earth-moving machinery. Functional safety. Part 4: Design and evaluation of software and data transmission for safety-related parts of the control system (ISO 19014-4:2020)

#### **59.060.01 Textile fibres in general**

EN ISO 1833-1:2020  
Textiles. Quantitative chemical analysis. Part 1: General principles of testing (ISO 1833-1:2020)

EN ISO 1833-2:2020  
Textiles. Quantitative chemical analysis. Part 2: Ternary fibre mixtures (ISO 1833-2:2020)

EN ISO 1833-25:2020  
Textiles. Quantitative chemical analysis. Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform) (ISO 1833-25:2020)

EN ISO 20418-3:2020  
Textiles. Qualitative and quantitative proteomic analysis of some animal hair fibres. Part 3: Peptide detection using LC-MS without protein reduction (ISO 20418-3:2020)

#### **59.080.01 Textiles in general**

EN ISO 105-B06:2020  
Textiles. Tests for colour fastness. Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test (ISO 105-B06:2020)

EN ISO 22744-2:2020

Textiles and textile products. Determination of organotin compounds. Part 2: Direct method using liquid chromatography

(ISO 22744-2:2020)

**59.080.40 Coated fabrics**

EN ISO 22751:2020

Rubber or plastic coated fabrics. Physical and mechanical test. Determination of bending force (ISO 22751:2020)

EN ISO 3303-1:2020

Rubber- or plastics-coated fabrics. Determination of bursting strength. Part 1: Steel-ball method (ISO 3303-1:2020)

EN ISO 3303-2:2020

Rubber- or plastics-coated fabrics. Determination of bursting strength. Part 2: Hydraulic method (ISO 3303-2:2020)

**59.140.30 Leather and furs**

EN ISO 13365-1:2020

Leather. Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid

chromatography. Part 1: Acetonitrile extraction method (ISO 13365-1:2020)

EN ISO 13365-2:2020

Leather. Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid

chromatography. Part 2: Artificial perspiration extraction method (ISO 13365-2:2020)

EN ISO 17234-1:2020

Leather. Chemical tests for the determination of certain azo colourants in dyed leathers. Part 1: Determination of certain

aromatic amines derived from azo colorants (ISO 17234-1:2020)

EN ISO 20136:2020

Leather. Determination of degradability by micro-organisms (ISO 20136:2020)

**65.080 Fertilizers**

EN 13971:2020

Carbonate and silicate liming materials. Determination of reactivity. Potentiometric titration method with hydrochloric acid

**65.120 Animal feeding stuffs**

EN 17374:2020

Animal feeding stuffs: Methods of sampling and analysis. Determination of inorganic arsenic in animal feed by

anion-exchange HPLC-ICP-MS

**65.160 Tobacco, tobacco products and related equipment**

EN 17375:2020

Electronic cigarettes and e-liquids. Reference e-liquids

**67.060 Cereals, pulses and derived products**

EN ISO 6647-1:2020

Rice. Determination of amylose content. Part 1: Spectrophotometric method with a defatting procedure by methanol and with calibration solutions of potato amylose and waxy rice amylopectin (ISO 6647-1:2020)

EN ISO 6647-2:2020

Rice. Determination of amylose content. Part 2: Spectrophotometric routine method without defatting procedure and with

calibration from rice standards (ISO 6647-2:2020)

**67.200.10 Animal and vegetable fats and oils**

EN ISO 660:2020

Animal and vegetable fats and oils. Determination of acid value and acidity (ISO 660:2020)

## **67.220.10 Spices and condiments**

EN ISO 7540:2020

Spices and condiments. Ground sweet and hot paprika (*Capsicum annuum* L. and *Capsicum frutescens* L.). Specifications

(ISO 7540:2020)

EN ISO 7541:2020

Spices and condiments. Spectrophotometric determination of the extractable colour in paprika (ISO 7541:2020)

## **67.240 Sensory analysis**

EN ISO 11136:2017/A1:2020

Sensory analysis. Methodology. General guidance for conducting hedonic tests with consumers in a controlled area.

Amendment 1 (ISO 11136:2014/Amd 1:2020)

## **67.260 Plant and equipment for the food industry**

EN 12042:2014+A1:2020

Food processing machinery. Automatic dough dividers. Safety and hygiene requirements

## **71.040.30 Chemical reagents**

CEN/TR 10317:2020

European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and

steel products

## **71.100.50 Wood-protecting chemicals**

EN 73:2020

Durability of wood and wood-based products. Accelerated ageing of treated wood prior to biological testing. Evaporative

ageing procedure

EN 84:2020

Durability of wood and wood-based products. Accelerated ageing of treated wood prior to biological testing. Leaching

procedure

## **75.080 Petroleum products in general**

EN ISO 3104:2020

Petroleum products. Transparent and opaque liquids. Determination of kinematic viscosity and calculation of dynamic

viscosity (ISO 3104:2020)

## **75.140 Waxes, bituminous materials and other petroleum products**

CEN/TS 17481:2020

Bitumen and bituminous binders. Determination of salt content in bitumen. Electrical conductivity method

CEN/TS 17482:2020

Bitumen and bituminous binders. Determination of acid number of bitumen. Potentiometric method

## **75.160.20 Liquid fuels**

CEN/TR 17544:2020

Automotive fuels. Report on studies done on cold soak filter blocking tendency (CS-FBT) on fatty acid methyl ester (FAME)

as blend component for diesel fuel, and of diesel fuel containing up to 30 % (V/V) of FAME

EN ISO 5165:2020

Petroleum products. Determination of the ignition quality of diesel fuels. Cetane engine method (ISO 5165:2020)

## **75.160.40 Biofuels**

CEN/TS 16214-2:2020

Sustainability criteria for the production of biofuels and bioliquids for energy applications. Principles, criteria, indicators and

verifiers. Part 2: Conformity assessment including chain of custody and mass balance

#### **75.180.10 Exploratory, drilling and extraction equipment**

EN 16808:2020

Petroleum, petrochemical and natural gas industries. Safety of machineries. Manual elevators

#### **75.180.20 Processing equipment**

EN ISO 10434:2020

Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries (ISO 10434:2020)

EN ISO 15761:2020

Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries (ISO

15761:2020)

EN ISO 23251:2020

Petroleum, petrochemical and natural gas industries. Pressure-relieving and depressuring systems (ISO 23251:2019)

#### **75.200 Petroleum, petroleum products and natural gas handling equipment**

EN 12514:2020

Components for supply systems for consuming units with liquid fuels

EN 1474-2:2020

Installation and equipment for liquefied natural gas. Design and testing of marine transfer systems. Part 2: Design and

testing of transfer hoses

EN ISO 16486-1:2020

Plastics piping systems for the supply of gaseous fuels. Unplasticized polyamide (PA-U) piping systems with fusion jointing

and mechanical jointing. Part 1: General (ISO 16486-1:2020)

EN ISO 16486-3:2020

Plastics piping systems for the supply of gaseous fuels. Unplasticized polyamide (PA-U) piping systems with fusion jointing

and mechanical jointing. Part 3: Fittings (ISO 16486-3:2020)

#### **77.040.10 Mechanical testing of metals**

EN ISO 10275:2020

Metallic materials. Sheet and strip. Determination of tensile strain hardening exponent (ISO 10275:2020)

#### **77.040.20 Non-destructive testing of metals**

EN ISO 10893-10:2011/A1:2020

Non-destructive testing of steel tubes. Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change

of ultrasonic test frequency; change of acceptance criteria (ISO 10893-10:2011/Amd 1:2020)

EN ISO 10893-11:2011/A1:2020

Non-destructive testing of steel tubes. Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change of ultrasonic test frequency; change of

acceptance criteria (ISO 10893-11:2011/Amd 1:2020)

EN ISO 10893-9:2011/A1:2020

Non-destructive testing of steel tubes. Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes. Amendment 1: Change acceptance criteria (ISO

10893-9:2011/Amd 1:2020)

#### **77.040.99 Other methods of testing of metals**

EN ISO 4499-1:2020

Hardmetals. Metallographic determination of microstructure. Part 1: Photomicrographs and description (ISO 4499-1:2020)

EN ISO 4499-2:2020

Hardmetals. Metallographic determination of microstructure. Part 2: Measurement of WC grain size (ISO 4499-2:2020)

### **77.060 Corrosion of metals**

EN ISO 11463:2020

Corrosion of metals and alloys. Guidelines for the evaluation of pitting corrosion (ISO 11463:2020)

### **77.080.01 Ferrous metals in general**

EN ISO 4947:2020

Steel and cast iron. Determination of vanadium content. Potentiometric titration method (ISO 4947:2020)

### **77.120.30 Copper and copper alloys**

CEN/TS 13388:2020/AC:2020

Copper and copper alloys. Compendium of compositions and products

### **77.140.01 Iron and steel products in general**

CEN/TR 10317:2020

European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and steel products

### **77.140.25 Spring steels**

EN ISO 6931-1:2020

Stainless steels for springs. Part 1: Wire (ISO 6931-1:2016)

### **77.140.75 Steel pipes and tubes for specific use**

EN 10210-3:2020

Hot finished steel structural hollow sections. Part 3: Technical delivery conditions for high strength and weather resistant steels

EN 10219-3:2020

Cold formed welded steel structural hollow sections. Part 3: Technical delivery conditions for high strength and weather resistant steels

EN ISO 10893-10:2011/A1:2020

Non-destructive testing of steel tubes. Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change

of ultrasonic test frequency; change of acceptance criteria (ISO 10893-10:2011/Amd 1:2020)

EN ISO 10893-11:2011/A1:2020

Non-destructive testing of steel tubes. Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections. Amendment 1: Change of ultrasonic test frequency; change of

acceptance criteria (ISO 10893-11:2011/Amd 1:2020)

EN ISO 10893-9:2011/A1:2020

Non-destructive testing of steel tubes. Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes. Amendment 1: Change acceptance criteria (ISO 10893-9:2011/Amd 1:2020)

EN ISO 11961:2018/A1:2020

Petroleum and natural gas industries. Steel drill pipe. Amendment 1 (ISO 11961:2018/Amd 1:2020)

### **77.150.30 Copper products**

CEN/TS 13388:2020/AC:2020

Copper and copper alloys. Compendium of compositions and products

### **77.160 Powder metallurgy**

EN ISO 4499-1:2020

Hardmetals. Metallographic determination of microstructure. Part 1: Photomicrographs and description (ISO 4499-1:2020)

EN ISO 4499-2:2020

Hardmetals. Metallographic determination of microstructure. Part 2: Measurement of WC grain size (ISO 4499-2:2020)

### **79.060.20 Fibre and particle boards**

EN 13381-1:2020

Test methods for determining the contribution to the fire resistance of structural members. Part 1: Horizontal protective membranes

### **79.120.10 Woodworking machines**

EN ISO 19085-10:2019/A11:2020

Woodworking machines. Safety. Part 10: Building site saws (contractor saws) (ISO 19085-10:2018, including Corrected version 2019-12)

### **81.040.20 Glass in building**

EN 15998:2020

Glass in building. Safety in case of fire, fire resistance. Glass testing methodology for the purpose of classification

### **83.080.01 Plastics in general**

EN ISO 19679:2020

Plastics. Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface. Method by analysis of evolved carbon dioxide (ISO 19679:2020)

### **83.080.20 Thermoplastic materials**

EN ISO 1628-2:2020

Plastics. Determination of the viscosity of polymers in dilute solution using capillary viscometers. Part 2: Poly(vinyl chloride) resins (ISO 1628-2:2020)

EN ISO 19063-2:2020

Plastics. Impact-resistant polystyrene (PS-I) moulding and extrusion materials. Part 2: Preparation of test specimens and determination of properties (ISO 19063-2:2020)

EN ISO 24022-1:2020

Plastics. Polystyrene (PS) moulding and extrusion materials. Part 1: Designation system and basis for specifications (ISO 24022-1:2020)

EN ISO 294-3:2020

Plastics. Injection moulding of test specimens of thermoplastic materials. Part 3: Small plates (ISO 294-3:2020)

### **83.120 Reinforced plastics**

EN ISO 10350-2:2020

Plastics. Acquisition and presentation of comparable single-point data. Part 2: Long-fibre-reinforced plastics (ISO 10350-2:2020)

EN ISO 10352:2020

Fibre-reinforced plastics. Moulding compounds and prepregs. Determination of mass per unit area and fibre mass per unit area (ISO 10352:2020)

### **83.140.30 Plastics pipes and fittings for non fluid use**

EN ISO 16486-1:2020

Plastics piping systems for the supply of gaseous fuels. Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing. Part 1: General (ISO 16486-1:2020)



EN ISO 16486-3:2020

Plastics piping systems for the supply of gaseous fuels. Unplasticized polyamide (PA-U) piping systems with fusion jointing

and mechanical jointing. Part 3: Fittings (ISO 16486-3:2020)

### **83.140.40 Hoses**

EN ISO 3949:2020

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

### **83.140.99 Other rubber and plastics products**

EN 12608-1:2016+A1:2020

Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors. Classification, requirements and

test methods. Part 1: Non-coated PVC-U profiles with light coloured surfaces

### **83.180 Adhesives**

EN 17408:2020

Determination of the flowability and application behaviour of viscoelastic adhesives using the oscillatory rheometry

### **83.200 Equipment for the rubber and plastics industries**

EN ISO 20430:2020

Plastics and rubber machines. Injection moulding machines. Safety requirements (ISO 20430:2020)

### **85.060 Paper and board**

CEN/TS 17497:2020

Pulp, paper and paperboard. Determination of bisphenol A in extracts from paper and paperboard

### **87.040 Paints and varnishes**

EN ISO 11890-2:2020

Paints and varnishes. Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC)

content. Part 2: Gas-chromatographic method (ISO 11890-2:2020)

EN ISO 1524:2020

Paints, varnishes and printing inks. Determination of fineness of grind (ISO 1524:2020)

EN ISO 15528:2020

Paints, varnishes and raw materials for paints and varnishes. Sampling (ISO 15528:2020)

EN ISO 2409:2020

Paints and varnishes. Cross-cut test (ISO 2409:2020)

EN ISO 2810:2020

Paints and varnishes. Natural weathering of coatings. Exposure and assessment (ISO 2810:2020)

### **87.060.10 Pigments and extenders**

EN ISO 21683:2020

Pigments and extenders. Determination of experimentally simulated nano-object release from paints, varnishes and pigmented plastics (ISO 21683:2019)

### **87.060.20 Binders**

EN ISO 4625-1:2020

Binders for paints and varnishes. Determination of softening point. Part 1: Ring-and-ball method (ISO 4625-1:2020)

EN ISO 4629-3:2020

Binders for paints and varnishes. Determination of hydroxyl value. Part 3: Rapid test (ISO 4629-3:2018)

### **91.010.01 Construction industry in general**

EN ISO 19650-3:2020

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM). Information management using building information modelling. Part 3: Operational phase of the assets

(ISO 19650-3:2020)

EN ISO 19650-5:2020

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM). Information management using building information modelling. Part 5: Security-minded approach to

information management (ISO 19650-5:2020)

EN ISO 23387:2020

Building information modelling (BIM). Data templates for construction objects used in the life cycle of built assets.

Concepts and principles (ISO 23387:2020)

### **91.010.30 Technical aspects**

CEN/TS 17440:2020

Assessment and retrofitting of existing structures

### **91.060.30 Ceilings. Floors. Stairs**

EN ISO 16283-2:2020

Acoustics. Field measurement of sound insulation in buildings and of building elements. Part 2: Impact sound insulation

(ISO 16283-2:2020)

### **91.060.40 Chimneys, shafts, ducts**

EN 16475-7:2016+A1:2020

Chimneys. Accessories. Part 7: Rain caps. Requirements and test methods

### **91.060.50 Doors and windows**

EN 12046-1:2020

Operating forces. Test method. Part 1: Windows

EN 12608-1:2016+A1:2020

Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors. Classification, requirements and

test methods. Part 1: Non-coated PVC-U profiles with light coloured surfaces

EN 13115:2020

Windows. Classification of mechanical properties. Racking, torsion and operating forces

EN 15269-20:2020

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 20: Smoke control for doors, shutters, operable fabric

curtains and openable windows

### **91.080.30 Masonry**

EN 1745:2020

Masonry and masonry products. Methods for determining thermal properties

### **91.100.01 Construction materials in general**

EN 16516:2017+A1:2020

Construction products: Assessment of release of dangerous substances. Determination of emissions into indoor air

### **91.100.15 Mineral materials and products**

EN 933-2:2020

Tests for geometrical properties of aggregates. Part 2: Determination of particle size distribution. Test sieves, nominal size

of apertures

### **91.100.50 Binders. Sealing materials**

CEN/TR 17499:2020

Bitumen and bituminous binders. Examples for CE Marking and Declaration of Performances (DoP)

CEN/TS 17481:2020

Bitumen and bituminous binders. Determination of salt content in bitumen. Electrical conductivity method

CEN/TS 17482:2020

Bitumen and bituminous binders. Determination of acid number of bitumen. Potentiometric method

### **91.100.60 Thermal and sound insulating materials**

EN ISO 16534:2020

Thermal insulating products for building applications. Determination of compressive creep (ISO 16534:2020)

EN ISO 16546:2020

Thermal insulating products for building applications. Determination of freeze-thaw resistance (ISO 16546:2020)

EN ISO 29470:2020

Thermal insulating products for building applications. Determination of the apparent density (ISO 29470:2020)

### **91.120.10 Thermal insulation of buildings**

CWA 17382:2020

Sustainable Energy Retrofit Process Management for Multi-Occupancy Residential Buildings with Owner Communities

EN 1745:2020

Masonry and masonry products. Methods for determining thermal properties

### **91.120.20 Acoustics in building. Sound insulation**

EN ISO 12999-2:2020

Acoustics. Determination and application of measurement uncertainties in building acoustics. Part 2: Sound absorption

(ISO 12999-2:2020)

EN ISO 16283-2:2020

Acoustics. Field measurement of sound insulation in buildings and of building elements. Part 2: Impact sound insulation

(ISO 16283-2:2020)

### **91.140.30 Ventilation and air-conditioning**

EN 1366-1:2014+A1:2020

Fire resistance tests for service installations. Part 1: Ventilation ducts

### **91.140.80 Drainage systems**

CEN/TS 1519-2:2020

Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure. Polyethylene (PE). Part 2: Guidance for the assessment of conformity

CEN/TS 17176-7:2020

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure.

Oriented unplasticized poly(vinyl chloride) (PVC-O). Part 7: Assessment of conformity

EN ISO 13259:2020

Thermoplastics piping systems for underground non-pressure applications. Test method for leaktightness of elastomeric

sealing ring type joints (ISO 13259:2020)

### **91.140.90 Lifts. Escalators**

CEN/TS 115-4:2020

Safety of escalators and moving walks. Part 4: Interpretations related to EN 115 family of standards

EN 81-40:2020

Safety rules for the construction and installation of lifts. Special lifts for the transport of persons and goods. Part 40:

Stairlifts and inclined lifting platforms intended for persons with impaired mobility

EN 81-72:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 72: Firefighters lifts

EN 81-72:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 72: Firefighters lifts

EN 81-73:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 73: Behaviour of lifts in the event of fire

EN 81-73:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts.

Part 73: Behaviour of lifts in the event of fire

### **91.180 Interior finishing**

EN 266:2020

Wall coverings in roll form. Specification for textile wall coverings

### **91.190 Building accessories**

EN 12046-1:2020

Operating forces. Test method. Part 1: Windows

### **93.010 Civil engineering in general**

EN ISO 19650-3:2020

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM). Information management using building information modelling. Part 3: Operational phase of the assets

(ISO 19650-3:2020)

### **93.020 Earthworks. Excavations. Foundation construction. Underground works**

EN ISO 18674-4:2020

Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. Part 4: Measurement of pore

water pressure: Piezometers (ISO 18674-4:2020)

EN ISO 22476-9:2020

Geotechnical investigation and testing. Field testing. Part 9: Field vane test (FVT and FVT-F) (ISO 22476 9:2020)

### **93.080.30 Road equipment and installations**

EN 16303:2020

Road restraint systems. Validation and verification process for the use of virtual testing in crash testing against vehicle

restraint system

### **93.100 Construction of railways**

CEN/TR 17498:2020

Railway applications. Infrastructure. Rail mounted railway maintenance and inspection machines and associated

equipment. Explanation of machine type and compliance, including acceptance processes

### **97.040.60 Cookware, cutlery and flatware**

EN 13834:2020

Cookware. Ovenware for use in traditional domestic ovens

### **97.140 Furniture**

CEN/TR 17538:2020

Furniture. Common test equipment. Test foams and mattresses

### **97.150 Non-textile floor coverings**

CEN/TR 17519:2020

Surfaces for sports areas. Synthetic turf sports facilities. Guidance on how to minimize infill dispersion into the environment

EN 1081:2018+A1:2020

Resilient, laminate and modular multilayer floor coverings. Determination of the electrical resistance

EN ISO 20326:2018/A1:2020

Resilient floor coverings. Specification for floor panels/assembly for loose laying. Amendment 1: Requirements depending

on the substrate (ISO 20326:2016/Amd 1:2020)

### **97.170 Body care equipment**

EN ISO 20127:2020

Dentistry. Physical properties of powered toothbrushes (ISO 20127:2020)

### **97.190 Equipment for children**

EN 1273:2020

Child care articles. Baby walking frames. Safety requirements and test methods

EN 14960-3:2020

Inflatable play equipment. Part 3: Additional safety requirements and test methods for snappies

### **97.195 Items of art and handicrafts**

EN 17429:2020

Conservation of cultural heritage. Procurement of conservation services and works

### **97.200.10 Theatre, stage and studio equipment, and work stations**

EN 13200-6:2020

Spectator facilities. Part 6: Demountable stands

### **97.200.50 Toys**

EN 14960-3:2020

Inflatable play equipment. Part 3: Additional safety requirements and test methods for snappies

### **97.220.10 Sports facilities**

CEN/TR 17519:2020

Surfaces for sports areas. Synthetic turf sports facilities. Guidance on how to minimize infill dispersion into the environment

EN 13200-6:2020

Spectator facilities. Part 6: Demountable stands

EN 13451-2:2015+A1:2020

Swimming pool equipment. Part 2: Additional specific safety requirements and test methods for ladders, stepladders and

handle bends