

FEDERALE OVERHEIDSDIENST ECONOMIE,
K.M.O., MIDDENSTAND EN ENERGIE

[C - 2020/15404]

Bureau voor Normalisatie (NBN)
Registratie van Belgische normen

1. Overeenkomstig artikel 26 van het koninklijk besluit van 25 oktober 2004 betreffende de bekrachtiging en de registratie van de door het Bureau voor normalisatie openbaar gemaakte normen, kondigt dit Bureau de registratie aan van de hierna volgende Belgische normen:

NBN EN 12015:2020

Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission

vervangt NBN EN 12015:2014 (3e uitgave)

NBN EN 12414:2020

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

vervangt NBN EN 12414:1999 (1e uitgave)

NBN EN 12697-29:2020

Bituminous mixtures - Test methods - Part 29: Determination of the dimensions of a bituminous specimen

vervangt NBN EN 12697-29:2002 (1e uitgave)

NBN EN 13381-1:2020

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

vervangt NBN EN 13381-1:2014 (1e uitgave)

NBN EN 13451-2:2015+A1:2020

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

vervangt NBN EN 13451-2:2016

NBN 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

vervangt NBN EN 13850:2013 (3e uitgave)

NBN 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

vervangt NBN EN 14451:2005 (1e uitgave)

NBN 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

vervangt NBN EN 15096:2008 (1e uitgave)

NBN EN 15612:2020

Railway applications - Braking - Brake pipe accelerator

vervangt NBN EN 15612+A1:2010 (2e uitgave)

NBN EN 16293:2020

Packaging - Glass Packaging - Deep BVS finishes for still wines

vervangt NBN EN 16293:2013 (1e uitgave)

NBN EN 16475-7:2016+A1:2020

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

vervangt NBN EN 16475-7:2016

NBN EN 16603-20-21:2020

Space engineering - Interface requirements for electrical actuators

NBN EN 16603-32-10:2020

Space engineering - Structural factors of safety for spaceflight hardware

vervangt NBN EN 16603-32-10:2014 (1e uitgave)

NBN EN 16603-40-07:2020

Space engineering - Simulation modelling platform

NBN EN 16604-30-03:2020

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

NBN 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 (EEL) of single pump units

NBN 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

NBN EN 17339:2020

Transportable gas cylinders - Fully wrapped carbon composite cylinders and tubes for hydrogen

NBN EN 17374:2020

Animal feeding stuffs: Methods of sampling and analysis - Determination of inorganic arsenic in animal feed by anion-exchange HPLC-ICP-MS

NBN EN 17393:2020

Thermal spraying - Tubular coating tensile test

NBN EN 17398:2020

Patient involvement in health care - Minimum requirements for person-centred care

NBN EN 300 113:2020

Land Mobile Service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector

NBN EN 300 338-2:2020

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 2: Class A DSC

NBN EN 300 338-3:2020

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 3: Class D DSC

NBN EN 300 338-5:2020

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 5: Handheld VHF Class H DSC

NBN EN 300 338-6:2020

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 6: Class M DSC

NBN EN 301 908-2:2020

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

NBN EN 302 066:2020

Short Range Devices (SRD); Ground- and Wall- Probing Radio determination (GPR/WPR) devices; Harmonised Standard for access to radio spectrum

NBN EN 303 213-1:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 1: Community Specification for A-SMGCS surveillance service including external interfaces

NBN EN 303 213-2:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 2: Community Specification for A-SMGCS airport safety support

NBN EN 303 213-3:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 3: Community Specification for a deployed cooperative sensor including its interfaces

NBN EN 303 213-7:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 7: Community Specification for A-SMGCS routing service

NBN EN 303 641:2020

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration requirements

NBN EN 303 645:2020

CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirements

NBN EN 303 681-1:2020

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 1: generalized Multiradio Interface (gMURI)

NBN EN 303 681-2:2020

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI)

NBN EN 303 681-3:2020

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 3: generalized Unified Radio Application Interface (gURAI)

NBN EN 303 681-4:2020

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 4: generalized Radio Programming Interface (gRPI)

NBN EN 319 403-1:2020

Electronic Signatures and Infrastructures (ESI); Trust Service Provider Conformity Assessment; Part 1: Requirements for conformity assessment bodies assessing Trust Service Providers

NBN EN 319 412-1:2020

Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures

NBN EN 50174-1:2018/A1:2020

Information technology - Cabling installation - Part 1: Installation specification and quality assurance

NBN EN 60061-2:1993/A56:2020

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders

NBN EN 60061-3:1993/A58:2020

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges

NBN EN 60436:2020/AC:2020-06

Electric dishwashers for household use - Methods for measuring the performance

NBN EN 62745:2017/A11:2020

Safety of machinery - Requirements for cableless control systems of machinery

NBN EN 9130:2020

Aerospace series - Quality systems - Record retention

NBN EN 9131:2020

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

vervangt NBN EN 9131:2016

NBN EN 933-2:2020

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

vervangt NBN EN 933-2:1996 (1e uitgave)

NBN EN IEC 60034-5:2020

Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification

NBN EN IEC 60076-22-7:2020

Power transformers - Part 22-7: Power transformer and reactor fittings - Accessories and fittings

NBN EN IEC 60317-0-4:2020

Specifications for particular types of winding wires - Part 0-4: General requirements - Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire

NBN EN IEC 60317-61:2020

Specifications for particular types of winding wires - Part 61: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

NBN EN IEC 60317-71:2020

Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

NBN EN IEC 60317-72:2020

Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound silicone resin/varnish impregnated, bare or enamelled round copper wire, temperature index 200

NBN EN IEC 60519-8:2020

Safety in installations for electroheating and electromagnetic processing - Part 8: Particular requirements for electrosag remelting furnaces

NBN EN IEC 60565-1:2020

Underwater acoustics - Hydrophones - Calibration of hydrophones - Part 1: Procedures for free-field calibration of hydrophones

NBN EN IEC 60667-2:2020

Vulcanized fibre for electrical purposes - Part 2: Methods of test

NBN EN IEC 60721-3-0:2020

Classification of environmental conditions - Part 3-0: Classification of groups of environmental parameters and their severities - Introduction

NBN EN IEC 60895:2020

Live working - Conductive clothing

NBN EN IEC 61000-4-11:2020/AC:2020-06

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

NBN EN IEC 61189-5-504:2020

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 5-504: General test methods for materials and assemblies - Process ionic contamination testing (PICT)

NBN EN IEC 61300-3-55:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-55: Examinations and measurements - Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components

NBN EN IEC 61400-6:2020

Wind energy generation systems - Part 6: Tower and foundation design requirements

NBN EN IEC 61631:2020

Test method for the mechanical strength of cores made of magnetic oxides

NBN EN IEC 61643-341:2020

Components for low-voltage surge protection - Part 341: Performance requirements and test circuits for thyristor surge suppressors (TSS)

NBN EN IEC 61968-1:2020

Application integration at electric utilities - System interfaces for distribution management - Part 1: Interface architecture and general recommendations

NBN EN IEC 61969-1:2020

Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 1: Design guidelines

NBN EN IEC 62056-8-8:2020

Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks

NBN EN IEC 62149-11:2020

Fibre optic active components and devices - Performance standards - Part 11: Multiple channel transmitter/receiver chip scale package with multimode fibre interface

NBN EN IEC 62282-2-100:2020

Fuel cell technologies - Part 2-100: Fuel cell modules - Safety

NBN EN IEC 62290-3:2019/AC:2020-07

Railway applications - Urban guided transport management and command/control systems - Part 3: System requirements specification

NBN EN IEC 62351-8:2020

Power systems management and associated information exchange - Data and communications security - Part 8: Role-based access control for power system management

NBN EN IEC 62384:2020

DC or AC supplied electronic controlgear for LED modules - Performance requirements

NBN EN IEC 62496-4-214:2020

Optical circuit boards - Part 4-214: Interface standards - Terminated waveguide OCB assembly using a single-row thirty-two-channel symmetric PMT connector

NBN EN IEC 62769-103-1:2020

Field device integration (FDI) - Part 103-1: Profiles - PROFIBUS

NBN EN IEC 62769-103-4:2020

Field device integration (FDI) - Part 103-4: Profiles - PROFINET

NBN EN IEC 62769-109-1:2020

Field devices integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®

NBN EN IEC 62788-1-7:2020

Measurement procedures for materials used in photovoltaic modules - Part 1-7: Encapsulants - Test procedure of optical durability

NBN EN IEC 62841-3-9:2020

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

NBN EN IEC 62841-3-9:2020/A11:2020

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

NBN EN IEC 63093-1:2020

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification

NBN EN IEC 63093-9:2020

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 9: Planar cores

NBN EN IEC 63129:2020

Determination of inrush current characteristics of lighting products

NBN EN IEC 63132-3:2020

Guidance for installation procedures and tolerances of hydroelectric machines - Part 3: Vertical Francis turbines or pump-turbines

NBN EN IEC 63132-4:2020

Guidance for installation procedures and tolerances of hydroelectric machines - Part 4: Vertical Kaplan or propeller turbines

NBN EN IEC 63155:2020

Guidelines for the measurement method of power durability for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) applications

NBN 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)

vervangt NBN EN ISO 105-B06:2004 (1e uitgave)

NBN 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)

NBN 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)

NBN 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)

NBN 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)

NBN EN ISO 11114-1:2020

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

vervangt NBN EN ISO 11114-1:2012 (2e uitgave), NBN EN ISO 11114-1:2012/A1:2017

NBN EN ISO 11532:2020

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

NBN EN ISO 1182:2020

Reaction to fire tests for products - Non-combustibility test (ISO 1182:2020)

vervangt NBN EN ISO 1182:2010 (2e uitgave)

NBN 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)

vervangt NBN EN ISO 11844-1:2008 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 11844-2:2008 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 11890-2:2013 (2e uitgave)

NBN EN ISO 128-1:2020

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

NBN EN ISO 128-100:2020

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

NBN EN ISO 128-3:2020

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

NBN 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)

vervangt NBN EN ISO 12951:2015 (1e uitgave)

NBN EN ISO 12960:2020

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

vervangt NBN EN 14030:2002 (1e uitgave), NBN EN 14030/A1:2003 (1e uitgave)

NBN EN ISO 12999-2:2020

Acoustics - Determination and application of measurement uncertainties in building acoustics - Part 2: Sound absorption (ISO 12999-2:2020)

NBN 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)

NBN EN ISO 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)

NBN EN ISO 16534:2020

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

NBN EN ISO 16546:2020

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

NBN 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)

NBN EN ISO 1833-1:2020

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

vervangt NBN EN ISO 1833-1:2010 (1e uitgave)

NBN EN ISO 1833-2:2020

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

vervangt NBN EN ISO 1833-2:2010 (1e uitgave)

NBN 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)

NBN 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)

NBN 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)

vervangt NBN EN ISO 19679:2018

NBN 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)

NBN EN ISO 20430:2020

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

vervangt NBN EN 201:2010 (3e uitgave)

NBN 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)

vervangt NBN EN ISO 20776-1:2006 (1e uitgave)

NBN EN ISO 21365:2020

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

NBN EN ISO 22052:2020

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

NBN EN ISO 22418:2020

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

NBN EN ISO 22569:2020

Dentistry - Multifunction handpieces (ISO 22569:2020)

NBN EN ISO 22744-1:2020

Textiles and textile products - Determination of organotin compounds - Part 1: Derivatisation method using gas chromatography (ISO 22744-1:2020)

NBN 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)

vervangt NBN EN ISO 1622-2:1999 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 8257-1:2006 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 8257-2:2006 (1e uitgave)

NBN EN ISO 29470:2020

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

NBN EN ISO 34101-1:2020

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

vervangt NBN ISO 34101-1:2020

NBN 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)

vervangt NBN ISO 34101-2:2020

NBN EN ISO 6501:2020

Ferronickel - Specification and delivery requirements (ISO 6501:2020)

vervangt NBN EN 26501:1992 (1e uitgave)

NBN EN ISO 8624:2020

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

vervangt NBN EN ISO 8624:2011 (3e uitgave), NBN EN ISO 8624/A1:2015 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 9170-1:2008 (2e uitgave)

NBN EN ISO 9229:2020

Thermal insulation - Vocabulary (ISO 9229:2020)

vervangt NBN EN ISO 9229:2007 (1e uitgave)

NBN EN ISO 9241-110:2020

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

vervangt NBN EN ISO 9241-110:2006 (2e uitgave)

NBN 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)

NBN EN ISO/IEC 17000:2020

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

vervangt NBN EN ISO/IEC 17000:2005 (1e uitgave)

NBN EN ISO/IEC 29100:2020

Information technology - Security techniques - Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018)

NBN ISO 13687-1:2020

Tourism and related services — Yacht harbours — Part 1: Minimum requirements for basic service level harbours

NBN ISO 13687-2:2020

Tourism and related services — Yacht harbours — Part 2: Minimum requirements for intermediate service level harbours

NBN ISO 13687-3:2020

Tourism and related services — Yacht harbours — Part 3: Minimum requirements for high service level harbours

NBN ISO 20954-1:2020

Digital cameras — Measurement method for image stabilization performance — Part 1: Optical systems

NBN ISO 20998-3:2020

Measurement and characterization of particles by acoustic methods — Part 3: Guidelines for non-linear theory

NBN ISO 21018-4:2020

Hydraulic fluid power — Monitoring the level of particulate contamination in the fluid — Part 4: Use of the light extinction technique

NBN ISO 21042:2020

Gasoline engines with direct fuel injection (GDI engines) — Installation of the high pressure fuel pump to the engine

NBN ISO 21045:2020

Tobacco and tobacco products — Determination of ammonia — Method using ion chromatographic analysis

NBN ISO 21087:2020

Gas analysis — Analytical methods for hydrogen fuel — Proton exchange membrane (PEM) fuel cell applications for road vehicles

NBN ISO 21107:2020

Rolling bearings and spherical plain bearings — Search structure for electronic media — Characteristics and performance criteria identified by property vocabulary

NBN ISO 21111-4:2020

Road vehicles — In-vehicle Ethernet — Part 4: General requirements and test methods of optical gigabit Ethernet components

NBN ISO 21115:2020

Water quality — Determination of acute toxicity of water samples and chemicals to a fish gill cell line (RTgill-W1)

NBN ISO 21153:2020

Corrosion of metals and alloys — Measurement of environmentally assisted small crack growth rate

NBN ISO 21157:2020

Ships and marine technology — Ball valves for use in low temperature applications — Design and testing requirements

NBN ISO 21159:2020

Ships and marine technology — Butterfly valves for use in low temperature applications — Design and testing requirements

NBN ISO 21160:2020

Cigarettes — Determination of selected carbonyls in the mainstream smoke of cigarettes — Method using high performance liquid chromatography

NBN ISO 21164:2020

Metallic and other inorganic coatings — DC magnetron sputtered silver coatings for engineering purposes — Measurement of coating adhesion

NBN ISO 21207:2020

Corrosion tests in artificial atmospheres — Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying

NBN ISO 21246:2020

Information and documentation — Key indicators for museums

NBN ISO 21248:2020

Information and documentation — Quality assessment for national libraries

NBN ISO 21264:2020

Surface active agents — Detergents — Determination of alkylphenol ethoxylates

NBN ISO 21266-1:2020

Road vehicles — Compressed gaseous hydrogen (CGH₂) and hydrogen/natural gas blends fuel systems — Part 1: Safety requirements

NBN ISO 21266-2:2020

Road vehicles — Compressed gaseous hydrogen (CGH₂) and hydrogen/natural gas blends fuel systems — Part 2: Test methods

NBN ISO 21330:2020

Cigarettes — Determination of selected volatile organic compounds in the mainstream smoke of cigarettes — Method using GC/MS

NBN ISO 21342:2020

Synchronous belt drives — Automotive belts and pulleys

NBN ISO 21391:2020

Nuclear criticality safety — Geometrical dimensions for subcriticality control — Equipment and layout

NBN ISO 21400:2020

Pulp — Determination of cellulose nanocrystal sulfur and sulfate half-ester content

NBN ISO 21406:2020

Tourism and related services — Yacht harbours — Essential requirements for luxury harbours

NBN ISO 21426:2020

Tourism and related services — Medical spas — Service requirements

NBN ISO 21441:2020

Road vehicles — Engine EGR cooler — Heat dissipation test methods

NBN ISO 21501-2:2020

Determination of particle size distribution — Single particle light interaction methods — Part 2: Light scattering liquid-borne particle counter

NBN ISO 21501-3:2020

Determination of particle size distribution — Single particle light interaction methods — Part 3: Light extinction liquid-borne particle counter

NBN ISO 21501-4:2020

Determination of particle size distribution — Single particle light interaction methods — Part 4: Light scattering airborne particle counter for clean spaces

NBN ISO 21632:2020

Graphic technology — Determination of the energy consumption of digital printing devices including transitional and related modes

NBN ISO 21675:2020

Water quality — Determination of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in water — Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)

NBN ISO 21676:2020

Water quality — Determination of the dissolved fraction of selected active pharmaceutical ingredients, transformation products and other organic substances in water and treated waste water — Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection

NBN ISO 21703:2020

Surface active agents — Microbiology — Microbiological test methods for liquid hand dishwashing

NBN ISO 21745:2020

Electronic record books for ships — Technical specifications and operational requirements

NBN ISO 21755-1:2020

Motorcycles — Measurement method for evaporative emissions — Part 1: SHED test procedure

NBN ISO 21755-2:2020

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

NBN ISO 21766:2020

Tobacco and tobacco products — Determination of tobacco-specific nitrosamines in tobacco products — Method using LC-MS/MS

NBN ISO 21782-2:2020

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 2: Performance testing of the motor system

NBN ISO 21782-3:2020

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 3: Performance testing of the motor and the inverter

NBN ISO 21782-6:2020

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 6: Operating load testing of motor and inverter

NBN ISO 21792:2020

Ships and marine technology — Navigation and ship operations — Guidelines for onboard telephone equipment

NBN ISO 21812-1:2020

Graphic technology — Print product metadata for PDF files — Part 1: Architecture and core requirements for metadata

NBN ISO 21896:2020

Paper, pulp, and recycling — Decolouration test of dye coloured paper products and paper products printed using dye inks

NBN ISO 21956:2020

Road vehicles — Ergonomics aspects of transport information and control systems — Human machine interface specifications for keyless ignition systems

NBN ISO 21993:2020

Paper and pulp — Deinkability test for printed paper products

NBN ISO 22028-1:2020

Photography and graphic technology — Extended colour encodings for digital image storage, manipulation and interchange — Part 1: Architecture and requirements

NBN ISO 22127:2020

Dosimetry with radiophotoluminescent glass dosimeters for dosimetry audit in MV X-ray radiotherapy

NBN ISO 22241-1:2019/Amd 1:2020

Diesel engines — NOx reduction agent AUS 32 — Part 1: Quality requirements — Amendment 1

NBN ISO 22241-1:2020

Diesel engines — NOx reduction agent AUS 32 — Part 1: Quality requirements

NBN ISO 22241-2:2020

Diesel engines — NOx reduction agent AUS 32 — Part 2: Test methods

NBN ISO 22241-3:2020

Diesel engines — NO_x reduction agent AUS 32 — Part 3: Handling, transportation, and storage

NBN ISO 22241-4:2020

Diesel engines — NO_x reduction agent AUS 32 — Part 4: Refilling interface

NBN ISO 22241-5:2020

Diesel engines — NO_x reduction agent AUS 32 — Part 5: Refilling interface for passenger cars

NBN ISO 22253:2020

Cigarettes — Determination of nicotine in total particulate matter from the mainstream smoke with an intense smoking regime — Gas-chromatographic method

NBN ISO 22412:2020

Particle size analysis — Dynamic light scattering (DLS)

NBN ISO 22426:2020

Assessment of the effectiveness of cathodic protection based on coupon measurements

NBN ISO 22472:2020

Ships and marine technology — Guidelines for the operation and installation of voyage data recorder (VDR)

NBN ISO 22479:2020

Corrosion of metals and alloys — Sulfur dioxide test in a humid atmosphere (fixed gas method)

NBN ISO 22486:2020

Water pipe tobacco smoking machine — Definitions and standard conditions

NBN ISO 22565:2020

Road vehicles — Durability test method of starter relay for stop and start system

NBN ISO 22634-1:2020

Cigarettes — Determination of benzo[a]pyrene in cigarette mainstream smoke using GC/MS — Part 1: Method using methanol as extraction solvent

NBN ISO 22634-2:2020

Cigarettes — Determination of benzo[a]pyrene in cigarette mainstream smoke using GC/MS — Part 2: Method using cyclohexane as extraction solvent

NBN ISO 22734:2020

Hydrogen generators using water electrolysis — Industrial, commercial, and residential applications

NBN ISO 22760-1:2020

Road vehicles — Dimethyl Ether (DME) fuel system components — Part 1: General requirements and definitions

NBN ISO 22760-2:2020

Road vehicles — Dimethyl Ether (DME) fuel system components — Part 2: Performance and general test methods

NBN ISO 22764:2020

Jewellery and precious metals — Fineness of solders used with precious metal jewellery alloys

NBN ISO 22946:2020

Nuclear criticality safety — Solid waste excluding irradiated and non-irradiated nuclear fuel

NBN ISO 22947:2020

Cigarettes — Dosage du monoxyde de carbone dans la phase gazeuse de la fumée de cigarette obtenue avec un régime de fumage intense — Méthode IRND

NBN ISO 23055:2020

Ships and marine technology — Design requirements for international ballast water transfer connection flange

NBN ISO 23088:2020

Gas cylinders — Periodic inspection and testing of welded steel pressure drums — Capacities up to 1 000 l

NBN ISO 23274-1:2020

Hybrid-electric road vehicles — Exhaust emissions and fuel consumption measurements — Part 1: Non-externally chargeable vehicles

NBN ISO/TR 21704:2020

Toughness of round steel link chains — Test with sub-size specimens

NBN ISO/TR 21797:2020
Reference data for financial services — Overview of identification of financial instruments

NBN ISO/TR 21959-1:2020
Road vehicles — Human performance and state in the context of automated driving — Part 1: Common underlying concepts

NBN ISO/TR 21959-2:2020
Road vehicles — Human performance and state in the context of automated driving — Part 2: Considerations in designing experiments to investigate transition processes

NBN ISO/TR 21974-1:2020
Naturalistic driving studies — Vocabulary — Part 1: Safety critical events

NBN ISO/TR 22582:2020
Cosmetics — Methods of extract evaporation and calculation of organic indexes — Supplemental information to use with ISO 16128-2

NBN ISO/TR 22681:2020
Hydraulic fluid power — Impact and use of ISO 11171:2016 $\mu\text{m}(\text{b})$ and $\mu\text{m}(\text{c})$ particle size designations on particle count and filter test data

NBN ISO/TR 23049:2020
Road Vehicles — Ergonomic aspects of external visual communication from automated vehicles to other road users

NBN ISO/TR 23199:2020
Cosmetics — Calculation of organic indexes of hydrolates — Supplemental information for ISO 16128-2

NBN ISO/TR 23786:2020
Road vehicles — Solutions for remote access to vehicle — Criteria for risk assessment

NBN ISO/TR 23791:2020
Road vehicles — Extended vehicle (ExVe) web services — Result of the risk assessment on ISO 20078 series

NBN ISO/TR 24498:2020
Paper, board and pulps — Estimation of uncertainty for test methods by interlaboratory comparisons

NBN ISO/TS 20793:2020
Photography — Lenticular print for changing images — Measurements of image quality

NBN ISO/TS 21104:2020
Road vehicles — Liquefied natural gas (LNG) integrated low pressure refuelling and venting connector — 1,8 MPa connector

NBN ISO/TS 21139-1:2020
Permanence and durability of commercial prints — Part 1: Definition of use profiles and guiding principles for specifications

NBN ISO/TS 21139-21:2020
Permanence and durability of commercial prints — Part 21: In-window display — Light and ozone stability

NBN ISO/TS 21231:2020
Water quality — Characterization of analytical methods — Guidelines for the selection of a representative matrix

NBN ISO/TS 21476:2020
Road vehicles — Displacement calibration method of IR-TRACC devices

NBN ISO/TS 21830:2020
Image technology colour management — Black point compensation for n-colour ICC profiles

NBN ISO/TS 22176:2020
Cosmetics — Analytical methods — Development of a global approach for validation of quantitative analytical methods

NBN ISO/TS 22239-1:2020
Road vehicles — Child seat presence and orientation detection system (CPOD) — Part 1: Specifications and test methods

NBN ISO/TS 22239-2:2020
Road vehicles — Child seat presence and orientation detection system (CPOD) — Part 2: Resonator specification

NBN ISO/TS 22239-3:2020
Road vehicles — Child seat presence and orientation detection system (CPOD) — Part 3: Labelling

NBN ISO/TS 22487:2020

Water pipe tobacco — Determination of total collected matter and nicotine using a water pipe tobacco smoking machine

NBN ISO/TS 22491:2020

Water pipe tobacco — Determination of carbon monoxide in the vapour phase of water pipe tobacco smoke — NDIR method

NBN ISO/TS 22492:2020

Water pipe tobacco products — Determination of carbon monoxide emission of glowing water pipe charcoal — NDIR method

NBN ISO/TS 22939:2020

Soil quality — Measurement of enzyme activity patterns in soil samples using fluorogenic substrates in micro-well plates

NBN ISO/TS 23406:2020

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

NBN ISO/TS 23564:2020

Image technology colour management — Evaluating colour transform accuracy in ICC profiles

2. De normen afgeleid van de Europese normen (EN) zijn in principe beschikbaar in het Engels, het Frans en het Duits; de normen afgeleid van de internationale normen (ISO) zijn in principe beschikbaar in het Engels en in het Frans.

3. Deze normen zijn verkrijgbaar bij het Bureau voor normalisatie, Jozef II-straat 40 bus 6, 1000 Brussel, tegen betaling van hun prijs.

4. De registratie van de volgende Belgische normen wordt ingetrokken:

NBN EN 15015:2007 (1e uitgave)

NBN EN 50126:1999 (1e uitgave)

NBN EN 50588-1:2015 (1e uitgave)

NBN EN 50588-1:2015/A1:2016

NBN EN 60034-12/A1:2008 (2e uitgave)

NBN EN 60034-12:2002 (2e uitgave)

NBN EN 60335-2-61:2003/A11:2020

NBN EN 60664-3/A1:2010 (1e uitgave)

NBN EN 60664-3:2003 (1e uitgave)

NBN EN 60695-11-5:2005 (3e uitgave)

NBN EN 61029-2-4:2011 (2e uitgave)

NBN EN 61184/A1:2011 (3e uitgave)

NBN EN 61184:2010 (3e uitgave)

NBN EN 61191-3:1998 (1e uitgave)

NBN EN 61326-3-1:2009 (1e uitgave)

NBN EN 62256:2009 (1e uitgave)

NBN EN 62657-2:2015 (1e uitgave)