

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

[C - 2020/43909]

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/DTD S 21-204-2:2020

Brandbeveiliging van de gebouwen - Schoolgebouwen - Deel 2: Brandbeveiliging van nieuwe schoolgebouwen

NBN EN 10210-3:2020

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

NBN EN 10219-3:2020

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

NBN EN 1081:2018+A1:2020

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

vervangt NBN EN 1081:2019

NBN EN 12042:2014+A1:2020

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

vervangt NBN EN 12042:2014 (3e uitgave)

NBN EN 12472:2020

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

vervangt NBN EN 12472+A1:2009 (3e uitgave)

NBN EN 13200-6:2020

Spectator facilities - Part 6: Demountable stands

vervangt NBN EN 13200-6:2013 (2e uitgave)

NBN EN 13834:2020

Cookware - Ovenware for use in traditional domestic ovens

vervangt NBN EN 13834+A1:2009 (3e uitgave)

NBN EN 13971:2020

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

vervangt NBN EN 13971:2013 (3e uitgave)

NBN EN 14614:2020

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

vervangt NBN EN 14614:2004 (1e uitgave)

NBN 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

vervangt NBN EN 1474-2:2009 (1e uitgave)

NBN 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

vervangt NBN EN 15269-20:2010 (1e uitgave)

NBN EN 15998:2020

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

vervangt NBN EN 15998:2010 (1e uitgave)

NBN EN 16602-60-14:2020

Space product assurance - Relifing procedure - EEE components

vervangt NBN EN 16602-60-14:2014 (1e uitgave)

NBN EN 16603-20:2020

Space engineering - Electrical and electronic

NBN EN 16603-20-01:2020

Space engineering - Multipactor, design and test

vervangt NBN EN 14777:2004 (1e uitgave)

NBN EN 16603-20-06:2020

Space engineering - Spacecraft charging

vervangt NBN EN 16603-20-06:2014 (1e uitgave)

NBN EN 16603-50-11:2020

Space engineering - SpaceFibre - Very high-speed serial link

NBN 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

vervangt NBN EN 16803-1:2016

NBN 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

NBN 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

NBN EN 17407:2020

Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Collecting heads and dividing breechings PN 16

NBN EN 17408:2020

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

NBN EN 266:2020

Wall coverings in roll form - Specification for textile wall coverings

vervangt NBN EN 266:1993 (1e uitgave)

NBN EN 301 489-17:2020

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility

NBN EN 303 213-4-1:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 4: Community Specification for a deployed non-cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non-cooperative sensor

NBN EN 303 213-4-2:2020

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 4: Community Specification for a deployed non-cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor

NBN EN 303 440:2020

Digital Terrestrial TV Broadcast Receivers; Harmonised Standard for access to radio spectrum

NBN EN 55016-1-5:2015/AC:2020-09

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz

NBN EN 55016-2-1:2014/AC:2020-09

Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements

NBN EN 60127-3:2015/A1:2020

Miniature fuses - Part 3: Sub-miniature fuse-links

NBN EN 60335-2-24:2010/A11:2020

Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers

NBN EN 60335-2-3:2016/A1:2020

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

NBN EN 60335-2-30:2009/A12:2020

Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

NBN EN 60601-1-12:2015/A1:2020

Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment

NBN EN 60601-1-9:2008/A2:2020

Medical electrical equipment - Part 1-9: General requirements for basic safety and essential performance - Collateral Standard: Requirements for environmentally conscious design

NBN EN 60747-16-5:2013/A1:2020

Semiconductor devices - Part 16-5: Microwave integrated circuits - Oscillators

NBN 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

NBN EN 6139:2020

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

NBN EN 6140:2020

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

NBN EN 6141:2020

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

NBN 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

vervangt NBN EN 81-40:2009 (1e uitgave)

NBN EN IEC 55036:2020

Electric and hybrid electric road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz

NBN EN IEC 60076-24:2020

Power transformers - Part 24: Specification of voltage regulating distribution transformers (VRDT)

NBN EN IEC 60352-5:2020

Solderless connections - Part 5: Press-in connections - General requirements, test methods and practical guidance

NBN EN IEC 60471:2020

Clevis and tongue couplings of string insulator units - Dimensions

NBN EN IEC 60747-5-5:2020

Semiconductor devices - Part 5-5: Optoelectronic devices - Photocouplers

NBN EN IEC 60749-15:2020

Semiconductor devices - Mechanical and climatic test methods - Part 15: Resistance to soldering temperature for through-hole mounted devices

NBN EN IEC 60749-30:2020

Semiconductor devices - Mechanical and climatic test methods - Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing

NBN EN IEC 60749-41:2020

Semiconductor devices - Mechanical and climatic test methods - Part 41: Standard reliability testing methods of non-volatile memory devices

NBN EN IEC 60839-11-5:2020

Alarm and electronic security systems - Part 11-5: Electronic access control systems - Open Supervised Device Protocol (OSDP)

NBN EN IEC 61000-6-8:2020

Electromagnetic compatibility (EMC) - Part 6-8: Generic standards - Emission standard for professional equipment in commercial and light-industrial locations

NBN EN IEC 61007:2020

Transformers and inductors for use in electronic and telecommunication equipment - Measuring methods and test procedures

NBN EN IEC 61076-2-012:2020

Connectors for electrical and electronic equipment - Product Requirements - Part 2-012: Circular connectors - Detail specification for connectors with inner push-pull locking based on M12 connector interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113

NBN EN IEC 61169-1-4:2020

Radio-frequency connectors - Part 1-4: Electrical test methods - Voltage standing wave ratio, return loss and reflection coefficient

NBN EN IEC 61280-4-5:2020

Fibre-optic communication subsystem test procedures - Part 4-5: Installed cabling plant - Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces

NBN EN IEC 61400-27-1:2020

Wind energy generation systems - Part 27-1: Electrical simulation models - Generic models

NBN EN IEC 61400-27-2:2020

Wind energy generation systems - Part 27-2: Electrical simulation models - Model validation

NBN EN IEC 61496-1:2020

Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests

NBN EN IEC 61496-2:2020

Safety of machinery - Electro-sensitive protective equipment - Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)

NBN EN IEC 61757-4-3:2020

Fibre optic sensors - Part 4-3: Electric current measurement - Polarimetric method

NBN EN IEC 61760-1:2020

Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs)

NBN EN IEC 61968-5:2020

Application integration at electric utilities - System interfaces for distribution management - Part 5: Distributed energy optimization

NBN EN IEC 62003:2020

Nuclear power plants - Instrumentation, control and electrical power systems - Requirements for electromagnetic compatibility testing

NBN EN IEC 62149-3:2020

Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems

NBN EN IEC 62149-5:2020

Fibre optic active components and devices - Performance standards - Part 5: ATM-PON transceivers with LD driver and CDR ICs

NBN EN IEC 62271-104:2020

High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages higher than 52 kV

NBN EN IEC 62271-108:2020

High-voltage switchgear and controlgear - Part 108: High-voltage alternating current disconnecting circuit-breakers for rated voltages above 52 kV

NBN EN IEC 62351-4:2018/A1:2020

Power systems management and associated information exchange - Data and communications security - Part 4: Profiles including MMS and derivatives

- NBN EN IEC 62541-10:2020
OPC Unified Architecture - Part 10: Programs
- NBN EN IEC 62541-14:2020
OPC unified architecture - Part 14: PubSub
- NBN EN IEC 62541-3:2020
OPC Unified Architecture - Part 3: Address Space Model
- NBN EN IEC 62541-4:2020
OPC Unified Architecture - Part 4: Services
- NBN EN IEC 62541-5:2020
OPC Unified Architecture - Part 5: Information Model
- NBN EN IEC 62541-6:2020
OPC Unified Architecture - Part 6: Mappings
- NBN EN IEC 62790:2020
Junction boxes for photovoltaic modules - Safety requirements and tests
- NBN EN IEC 62828-4:2020
Reference conditions and procedures for testing industrial and process measurement transmitters - Part 4: Specific procedures for level transmitters
- NBN EN IEC 62828-5:2020
Reference conditions and procedures for testing industrial and process measurement transmitters - Part 5: Specific procedures for flow transmitters
- NBN EN IEC 62885-4:2020
Surface cleaning appliances - Part 4: Cordless dry vacuum cleaners for household or similar use - Methods for measuring the performance
- NBN EN IEC 62890:2020
Industrial-process measurement, control and automation - Life-cycle-management for systems and components
- NBN EN IEC 62966-2:2020
Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 2: Details of air flow, air separation and air cooling requirements
- NBN EN IEC 63041-3:2020
Piezoelectric sensors - Part 3: Physical sensors
- NBN EN IEC 63103:2020
Lighting equipment - Non-active mode power measurement
- NBN EN IEC 63252:2020
Energy consumption of vending machines
- NBN EN ISO 10271:2020
Dentistry - Corrosion test methods for metallic materials (ISO 10271:2020)
vervangt NBN EN ISO 10271:2011 (2e uitgave)
- NBN EN ISO 10275:2020
Metallic materials - Sheet and strip - Determination of tensile strain hardening exponent (ISO 10275:2020)
vervangt NBN EN ISO 10275:2014 (1e uitgave)
- NBN 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)
vervangt NBN EN ISO 10352:2011 (2e uitgave)
- NBN EN ISO 10434:2020
Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries (ISO 10434:2020)
vervangt NBN EN ISO 10434:2004 (1e uitgave)
- NBN EN ISO 11073-10101:2020
Health informatics - Device interoperability - Part 10101: Point-of-care medical device communication - Nomenclature (ISO/IEEE 11073-10101:2020)
vervangt NBN EN ISO 11073-10101:2005 (1e uitgave), NBN EN ISO 11073-10101:2005/A1:2017
- NBN 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)
- NBN EN ISO 11463:2020
Corrosion of metals and alloys - Guidelines for the evaluation of pitting corrosion (ISO 11463:2020)
vervangt NBN EN ISO 11463:2008 (1e uitgave)

NBN EN ISO 13088:2012/A1:2020

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

NBN 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)

vervangt NBN EN ISO 13365:2011 (1e uitgave)

NBN 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)

vervangt NBN ISO 14002-1:2020

NBN 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)

vervangt NBN EN ISO 14341:2011 (2e uitgave)

NBN EN ISO 1460:2020

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

vervangt NBN EN ISO 1460:1995 (2e uitgave)

NBN 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)

vervangt NBN EN ISO 15118-8:2019

NBN EN ISO 15528:2020

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

vervangt NBN EN ISO 15528:2013 (4e uitgave)

NBN 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)

vervangt NBN EN ISO 15761:2003 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 15792-1:2008 (2e uitgave), NBN EN ISO 15792-1/A1:2011 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 15792-2:2008 (1e uitgave)

NBN EN ISO 16092-2:2020

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

vervangt NBN EN 692+A1:2009 (3e uitgave)

NBN EN ISO 16092-4:2020

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

vervangt NBN EN 13736+A1:2009 (2e uitgave)

NBN EN ISO 16202-1:2020

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

NBN EN ISO 16202-2:2020

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

NBN 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)

NBN 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)

NBN EN ISO 17200:2020

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

NBN 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)

vervangt NBN EN ISO 17234-1:2015 (2e uitgave)

NBN 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)

NBN 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)

NBN 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)

vervangt NBN EN ISO 2897-2:2004 (2e uitgave)

NBN EN ISO 19085-10:2019/A11:2020

Woodworking machines - Safety - Part 10: Building site saws (contractor saws)

NBN EN ISO 19299:2020

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

NBN EN ISO 20127:2020

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

vervangt NBN EN ISO 20127:2005 (1e uitgave)

NBN 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)

NBN EN ISO 20387:2020

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

vervangt NBN ISO 20387:2018

NBN EN ISO 21432:2020

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

NBN EN ISO 21683:2020

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

NBN EN ISO 22017:2020

Water quality - Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO 22017:2020)

NBN EN ISO 22232-2:2020

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

vervangt NBN EN 12668-2:2010 (2e uitgave)

NBN EN ISO 22476-9:2020

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

NBN EN ISO 22598:2020

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

NBN EN ISO 22744-2:2020

Textiles and textile products - Determination of organotin compounds - Part 2: Direct method using liquid chromatography (ISO 22744-2:2020)

NBN EN ISO 22751:2020

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

NBN EN ISO 24022-1:2020

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

vervangt NBN EN ISO 1622-1:2012 (2e uitgave)

NBN EN ISO 2409:2020

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

vervangt NBN EN ISO 2409:2013 (4e uitgave)

NBN 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)

NBN 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)

NBN EN ISO 25539-2:2020

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

vervangt NBN EN ISO 25539-2:2013 (4e uitgave)

NBN EN ISO 2560:2020

Welding consumables - Covered electrodes for manual metal arc welding of non-alloy and fine grain steels - Classification (ISO 2560:2020)

vervangt NBN EN ISO 2560:2010 (3e uitgave)

NBN EN ISO 2810:2020

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

vervangt NBN EN ISO 2810:2004 (1e uitgave)

NBN EN ISO 3104:2020

Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2020)

vervangt NBN EN ISO 3104:1996 (4e uitgave)

NBN EN ISO 3166-1:2020

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

vervangt NBN EN ISO 3166-1:2014 (3e uitgave)

NBN EN ISO 3303-1:2020

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

vervangt NBN EN 12332-1:1998 (1e uitgave)

NBN EN ISO 3303-2:2020

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

vervangt NBN EN 12332-2:2003 (1e uitgave)

NBN EN ISO 3630-5:2020

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

vervangt NBN EN ISO 3630-5:2011 (1e uitgave)

NBN EN ISO 41014:2020

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

NBN 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)

vervangt NBN EN ISO 4126-3:2006 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 5135:1999 (1e uitgave)

NBN 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)

vervangt NBN EN ISO 5167-3:2003 (1e uitgave)

NBN 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)

NBN EN ISO 660:2020

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

vervangt NBN EN ISO 660:2009 (2e uitgave)

NBN EN ISO 6847:2020

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

vervangt NBN EN ISO 6847:2013 (3e uitgave)

NBN EN ISO 7376:2020

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

vervangt NBN EN ISO 7376:2009 (3e uitgave)

NBN 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)

NBN 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)

vervangt NBN EN ISO 8502-9:2000 (1e uitgave)

NBN 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)

NBN ISO 10276:2020

Nuclear energy — Fuel technology — Trunnion systems for packages used to transport radioactive material

NBN ISO 10979:2020

Identification of fuel assemblies for nuclear power reactors

NBN ISO 11093-9:2020

Paper and board — Testing of cores — Part 9: Determination of flat crush resistance

NBN ISO 11452-2:2020

Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 2: Absorber-lined shielded enclosure

NBN ISO 11513:2020

Gas cylinders — Refillable welded steel cylinders containing materials for sub-atmospheric gas packaging (excluding acetylene) — Design, construction, testing, use and periodic inspection

NBN ISO 11665-8:2020

Measurement of radioactivity in the environment — Air: radon-222 — Part 8: Methodologies for initial and additional investigations in buildings

NBN ISO 11665-9:2020

Measurement of radioactivity in the environment — Air: Radon-222 — Part 9: Test methods for exhalation rate of building materials

NBN ISO 11795:2020

Agricultural tractor drive wheel tyres — Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference

NBN ISO 11843-6:2020

Capability of detection — Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations

NBN ISO 11843-7:2020

Capability of detection — Part 7: Methodology based on stochastic properties of instrumental noise

NBN ISO 11929-1:2020

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 1: Elementary applications

NBN ISO 11929-2:2020

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 2: Advanced applications

NBN ISO 11929-3:2020

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 3: Applications to unfolding methods

NBN ISO 11992-1:2020

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

NBN ISO 1206:2020

Rolling bearings — Needle roller bearings with machined rings — Boundary dimensions, geometrical product specifications (GPS) and tolerance values

NBN ISO 12214:2020

Road vehicles — Direction-of-motion stereotypes for automotive hand controls

NBN ISO 12232:2020

Photography — Digital still cameras — Determination of exposure index, ISO speed ratings, standard output sensitivity, and recommended exposure index

NBN ISO 12297-2:2020

Rolling bearings — Cylindrical rollers — Part 2: Boundary dimensions, geometrical product specifications (GPS) and tolerance values for ceramic rollers

NBN ISO 12405-4:2020

Electrically propelled road vehicles — Test specification for lithium-ion traction battery packs and systems — Part 4: Performance testing

NBN ISO 12636:2020

Graphic technology — Blankets for offset printing

NBN ISO 12641-2:2020

Graphic technology — Prepress digital data exchange — Part 2: Advanced colour targets for input scanner calibration

NBN ISO 12749-5:2020

Nuclear energy, nuclear technologies, and radiological protection — Vocabulary — Part 5: Nuclear reactors

NBN ISO 12807:2020

Safe transport of radioactive materials — Leakage testing on packages

NBN ISO 12830:2020

Paper, board, pulps and cellulose nanomaterials — Determination of acid-soluble magnesium, calcium, manganese, iron, copper, sodium and potassium

NBN ISO 13012-1:2020

Rolling bearings — Accessories for sleeve type linear ball bearings — Part 1: Boundary dimensions, geometrical product specifications (GPS) and tolerances for series 1 and 3

NBN ISO 13012-2:2020

Rolling bearings — Accessories for sleeve type linear ball bearings — Part 2: Boundary dimensions, geometrical product specifications (GPS) and tolerances for series 5

NBN ISO 13216-3:2020

Road vehicles — Anchorages in vehicles and attachments to anchorages for child restraint systems — Part 3: Classification of child restraint system and space in vehicle

NBN ISO 13325:2020

Tyres — Coast-by methods for measurement of tyre-to-road sound emission

NBN ISO 13400-2:2020

Road vehicles — Diagnostic communication over Internet Protocol (DoIP) — Part 2: Transport protocol and network layer services

- NBN ISO 14146:2020
Radiological protection — Criteria and performance limits for the periodic evaluation of dosimetry services
- NBN ISO 14167:2020
Gas analysis — General quality aspects and metrological traceability of calibration gas mixtures
- NBN ISO 14511:2020
Measurement of fluid flow in closed conduits — Thermal mass flowmeters
- NBN ISO 14993:2020
Corrosion of metals and alloys — Accelerated testing involving cyclic exposure to salt mist, dry and wet conditions
- NBN ISO 15037-1:2020
Road vehicles — Vehicle dynamics test methods — Part 1: General conditions for passenger cars
- NBN ISO 15176:2020
Guidance on characterization of excavated soil and other materials intended for re-use
- NBN ISO 15312:2020
Rolling bearings — Thermal speed rating — Calculation
- NBN ISO 155:2020
Belt drives — Pulleys — Limiting values for adjustment of centres
- NBN ISO 15781:2020
Photography — Digital still cameras — Measuring shooting time lag, shutter release time lag, shooting rate, and start-up time lag
- NBN ISO 15800:2020
Soil quality — Characterization of soil with respect to human exposure
- NBN ISO 16232:2020
Road vehicles — Cleanliness of components and systems
- NBN ISO 16332:2020
Diesel engines — Fuel filters — Method for evaluating fuel/water separation efficiency
- NBN ISO 16793:2020
Nuclear fuel technology — Guidelines for ceramographic preparation of UO₂ sintered pellets for microstructure examination
- NBN ISO 16845-2:2020
Road vehicles — Controller area network (CAN) conformance test plan — Part 2: High-speed medium access unit — Conformance test plan
- NBN ISO 16992:2020
Passenger car tyres — Spare unit substitutive equipment (SUSE)
- NBN ISO 1709:2020
Nuclear energy — Fissile materials — Principles of criticality safety in storing, handling and processing
- NBN ISO 1762:2020
Paper, board, pulps and cellulose nanomaterials — Determination of residue (ash content) on ignition at 525 °C
- NBN ISO 17924:2020
Soil quality — Assessment of human exposure from ingestion of soil and soil material — Procedure for the estimation of the human bioaccessibility/bioavailability of metals in soil
- NBN ISO 17972-4:2020
Graphic technology — Colour data exchange format (CxF/X) — Part 4: Spot colour characterisation data (CxF/X-4)
- NBN ISO 18075:2020
Steady-state neutronics methods for power-reactor analysis
- NBN ISO 18229:2020
Essential technical requirements for mechanical components and metallic structures foreseen for Generation IV nuclear reactors

NBN ISO 18315:2020

Nuclear energy — Guidance to the evaluation of measurement uncertainties of impurity in uranium solution by linear regression analysis

NBN ISO 1835:2020

Round steel short link chains for lifting purposes — Medium tolerance sling chains — Grade 4, stainless steel

NBN ISO 18400-104:2020

Soil quality — Sampling — Part 104: Strategies

NBN ISO 18400-202:2020

Soil quality — Sampling — Part 202: Preliminary investigations

NBN ISO 18400-203:2020

Soil quality — Sampling — Part 203: Investigation of potentially contaminated sites

NBN ISO 18400-205:2020

Soil quality — Sampling — Part 205: Guidance on the procedure for investigation of natural, near-natural and cultivated sites

NBN ISO 18747-1:2020

Determination of particle density by sedimentation methods — Part 1: Isopycnic interpolation approach

NBN ISO 18885-2:2020

TPMS snap-in valves — Part 2: Valve environment

NBN ISO 18935:2020

Imaging materials — Colour images — Determination of water resistance of printed colour images

NBN ISO 18944:2020

Imaging materials — Reflection colour photographic prints — Test print construction and measurement

NBN ISO 18948:2020

Imaging materials — Photo books — Test methods for permanence and durability

NBN ISO 19093:2020

Photography — Digital cameras — Measuring low-light performance

NBN ISO 19097-1:2020

Accelerated life test method of mixed metal oxide anodes for cathodic protection — Part 1: Application in concrete

NBN ISO 19097-2:2020

Accelerated life test method of mixed metal oxide anodes for cathodic protection — Part 2: Application in soils and natural waters

NBN ISO 19206-1:2020

Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 1: Requirements for passenger vehicle rear-end targets

NBN ISO 19206-2:2020

Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 2: Requirements for pedestrian targets

NBN ISO 19302:2020

Graphic technology — Colour conformity of printing workflows

NBN ISO 19453-1:2020

Road vehicles — Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles — Part 1: General

NBN ISO 19453-3:2020

Road vehicles — Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles — Part 3: Mechanical loads

NBN ISO 19453-4:2020

Road vehicles — Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles — Part 4: Climatic loads

NBN ISO 19461-1:2020

Radiological protection — Measurement for the clearance of waste contaminated with radioisotopes for medical application — Part 1: Measurement of radioactivity

NBN ISO 19593-1:2020

Graphic technology — Use of PDF to associate processing steps and content data — Part 1: Processing steps for packaging and labels

NBN ISO 19723-1:2020

Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 1: Safety requirements

NBN ISO 19723-2:2020

Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 2: Test methods

NBN ISO 19822:2020

Fertilizers and soil conditioners — Determination of humic and hydrophobic fulvic acids concentrations in fertilizer materials

NBN ISO 19843:2020

Rolling bearings — Ceramic bearing balls — Determination of strength by notched ball test

NBN ISO 19880-3:2020

Gaseous hydrogen — Fuelling stations — Part 3: Valves

NBN ISO 19881:2020

Gaseous hydrogen — Land vehicle fuel containers

NBN ISO 19882:2020

Gaseous hydrogen — Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers

NBN ISO 20077-1:2020

Road Vehicles — Extended vehicle (ExVe) methodology — Part 1: General information

NBN ISO 20077-2:2020

Road Vehicles — Extended vehicle (ExVe) methodology — Part 2: Methodology for designing the extended vehicle

NBN ISO 20247:2020

Information and documentation — International library item identifier(ILII)

NBN ISO 20267:2020

Thermal spraying — Determination of interfacial toughness of ceramic coatings by indentation

NBN ISO 20294:2020

Graphic technology — Quantification and communication for calculating the carbon footprint of e-media

NBN ISO 20391-1:2020

Biotechnology — Cell counting — Part 1: General guidance on cell counting methods

NBN ISO 20494:2020

Paper — Requirements for stability for general graphic applications

NBN ISO 20523:2020

Carbon based films — Classification and designations

NBN ISO 20635:2020

Infant formula and adult nutritionals — Determination of vitamin C by (ultra) high performance liquid chromatography with ultraviolet detection ((U)HPLC-UV)

NBN ISO 20636:2020

Infant formula and adult nutritionals — Determination of vitamin D by liquid chromatography-mass spectrometry

NBN ISO 20654:2020

Graphic technology — Measurement and calculation of spot colour tone value

NBN ISO 2144:2020

Paper, board, pulps and cellulose nanomaterials — Determination of residue (ash content) on ignition at 900 °C

NBN ISO 2942:2020

Hydraulic fluid power — Filter elements — Verification of fabrication integrity and determination of the first bubble point

NBN ISO 2974:2020

Diesel engines — 60° female cones for high-pressure fuel injection components

NBN ISO 3096:2020

Rolling bearings — Needle rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values

NBN ISO 355:2020

Rolling bearings — Tapered roller bearings — Boundary dimensions and series designations

NBN ISO 3888-1:2020

Passenger cars — Test track for a severe lane-change manoeuvre — Part 1: Double lane-change

NBN ISO 3901:2020

Information and documentation — International Standard Recording Code (ISRC)

NBN ISO 4141-1:2020

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

NBN ISO 4141-2:2020

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

NBN ISO 4141-3:2020

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

NBN ISO 4251-1:2020

Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines — Part 1: Tyre designation and dimensions, and approved rim contours

NBN ISO 4251-2:2020

Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines — Part 2: Tyre load ratings

NBN ISO 4323:2020

Soaps — Determination of chloride content — Potentiometric method

NBN ISO 4778:2020

Round steel short link chains for lifting purposes — Chain slings of welded construction — Grade 8

NBN ISO 516:2020

Camera shutters — Timing — General definition and mechanical shutter measurements

NBN ISO 5289:2020

Agricultural machinery — Endless hexagonal belts and groove sections of corresponding pulleys

NBN ISO 5593:2020

Rolling bearings — Vocabulary

NBN ISO 5628:2020

Paper and board — Determination of bending stiffness — General principles for two-point, three-point and four-point methods

NBN ISO 5647:2020

Paper and board — Determination of titanium dioxide content

NBN ISO 6469-1:2020

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

NBN ISO 6469-2:2020

Electrically propelled road vehicles — Safety specifications — Part 2: Vehicle operational safety

NBN ISO 6469-3:2020

Electrically propelled road vehicles — Safety specifications — Part 3: Electrical safety

NBN ISO 6546:2020

Road vehicles — Collection of accident data for evaluation of occupant restraint performance

NBN ISO 6621-1:2020

Internal combustion engines — Piston rings — Part 1: Vocabulary

NBN ISO 6626-3:2020

Internal combustion engines — Piston rings — Part 3: Coil-spring-loaded oil control rings made of steel

NBN ISO 7063:2020

Rolling bearings — Needle roller bearing track rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values

NBN ISO 7305:2020

Milled cereal products — Determination of fat acidity

NBN ISO 7612:2020

Diesel engines — Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail fuel injection systems — Mounting dimensions

NBN ISO 7638-1:2020

Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Part 1: Connectors for braking systems and running gear of vehicles with 24 V nominal supply voltage

NBN ISO 7638-2:2020

Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Part 2: Connectors for braking systems and running gear of vehicles with 12 V nominal supply voltage

NBN ISO 7867-1:2020

Metric series for agricultural, forestry machines and construction tyres — Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination

NBN ISO 7867-2:2020

Metric series for agricultural, forestry machines and construction tyres — Part 2: Load ratings for agricultural tyres

NBN ISO 7870-1:2020

Control charts — Part 1: General guidelines

NBN ISO 7975:2020

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

NBN ISO 8126:2020

Micrographics — Duplicating film, silver, diazo and vesicular — Specifications and measurement for visual density

NBN ISO 8299:2020

Nuclear fuel technology — Determination of the isotopic and elemental uranium and plutonium concentrations of nuclear materials in nitric acid solutions by thermal-ionization mass spectrometry

NBN ISO 8664:2020

Tyres for agricultural tractors and machines — Code-designated and service-description marked radial drive-wheel tyres

NBN ISO 8721:2020

Road vehicles — Measurement techniques in impact tests — Optical instrumentation

NBN ISO 8820-6:2020

Road vehicles — Fuse-links — Part 6: Single-bolt fuse-links

NBN ISO 8820-8:2020

Road vehicles — Fuse-links — Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V

NBN ISO 9161:2020

Uranium dioxide powder — Determination of apparent density and tap density

NBN ISO 9413:2020

Tyre valves — Dimensions and designation

NBN ISO 9463:2020

Nuclear energy — Nuclear fuel technology — Determination of plutonium in nitric acid solutions by spectrophotometry

NBN ISO 9628:2020

Rolling bearings — Insert bearings and eccentric locking collars — Geometrical product specifications (GPS) and tolerance values

NBN ISO 9816:2020

Passenger cars — Power-off reaction of a vehicle in a turn — Open-loop test method

NBN ISO/TS 15066:2020

Robots and robotic devices — Collaborative robots

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 CEN/TS 15325:2008 (1e uitgave)

NBN EN 16167:2018+AC:2019

NBN EN 50131-2-2/A1:2014 (1e uitgave)

NBN EN 50131-2-2:2008 (1e uitgave)

NBN EN 50131-6/A1:2014 (1e uitgave)

NBN EN 50131-6:2008 (2e uitgave)

NBN EN 50383:2010 (2e uitgave)

NBN EN 50400/A1:2012 (1e uitgave)

NBN EN 50400:2007 (1e uitgave)

NBN EN 50411-3-3:2011 (1e uitgave)

NBN EN 50492/A1:2014 (1e uitgave)

NBN EN 50492:2008 (1e uitgave)

NBN EN 60077-1:2002 (1e uitgave)

NBN EN 60077-2:2002 (1e uitgave)

NBN EN 60286-1:1998 (1e uitgave)

NBN EN 60317-0-7:2012 (1e uitgave)

NBN EN 60317-56:2012 (1e uitgave)

NBN EN 60445:2011 (6e uitgave)

NBN EN 60679-1:2007 (2e uitgave)

NBN EN 60715:2001 (1e uitgave)

NBN EN 60728-13-1:2012 (1e uitgave)

NBN EN 60793-1-33:2002 (1e uitgave)

NBN EN 60793-1-48:2008 (2e uitgave)

NBN EN 60793-2-10:2016

NBN EN 61076-3-104:2007 (2e uitgave)

NBN EN 61191-4:1999 (1e uitgave)

NBN EN 61970-452:2015 (2e uitgave)

NBN EN 62056-5-3:2017

NBN EN 62056-6-1:2017

NBN EN 62282-3-201:2013 (1e uitgave)

NBN EN ISO 9863-2:1996 (1e uitgave)

NBN ISO 11711-1:2019

NBN ISO 14008:2019

NBN ISO 1997:1992 (1e uitgave)

NBN ISO 2030:1992 (1e uitgave)

NBN ISO/IEC TR 27015:2014 (1e uitgave)