

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

[C - 2019/15618]

**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 1176-5:2019

Playground equipment and surfacing - Part 5: Additional specific safety requirements and test methods for carousels

vervangt NBN EN 1176-5:2008 (2e uitgave)

NBN EN 12390-16:2019

Testing hardened concrete - Part 16: Determination of the shrinkage of concrete

NBN EN 12390-17:2019

Testing hardened concrete - Part 17: Determination of creep of concrete in compression

NBN EN 12390-4:2019

Testing hardened concrete - Part 4: Compressive strength - Specification for testing machines

vervangt NBN EN 12390-4:2000 (1e uitgave)

NBN EN 12697-53:2019

Bituminous mixtures - Test methods - Part 53: Cohesion increase by spreadability-meter method

NBN EN 12697-54:2019

Bituminous mixtures - Test methods - Part 54: Curing of specimen for test of mixtures with bitumen emulsion

NBN EN 12697-55:2019

Bituminous mixtures - Test methods - Part 55: Organoleptic assessment of mixtures with bitumen emulsion

NBN EN 12697-56:2019

Bituminous mixtures - Test methods - Part 56: Specimen preparation by static compaction

NBN EN 12896-4:2019  
Public transport - Reference data model - Part 4: Operations monitoring and control

NBN EN 12896-5:2019  
Public transport - Reference data model - Part 5: Fare management

NBN EN 12896-6:2019  
Public transport - Reference data model - Part 6: Passenger information

NBN EN 12896-7:2019  
Public transport - Reference data model - Part 7: Driver management

NBN EN 12896-8:2019  
Public transport - Reference data model - Part 8 : Management information & statistics

NBN EN 13071-3:2019  
Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 3: Recommended lifting connections

vervangt NBN EN 13071-3:2011 (1e uitgave)

NBN EN 13108-31:2019  
Bituminous mixtures - Material specifications - Part 31: Asphalt Concrete with Bituminous Emulsion

NBN EN 131-1:2015+A1:2019  
Ladders - Part 1: Terms, types, functional sizes

vervangt NBN EN 131-1:2015

NBN EN 13523-11:2019  
Coil coated metals - Test methods - Part 11: Resistance to solvents (rubbing test)

vervangt NBN EN 13523-11:2011 (2e uitgave)

NBN EN 13523-17:2019

Coil coated metals - Test methods - Part 17: Adhesion of strippable films

vervangt NBN EN 13523-17:2012 (2e uitgave)

NBN EN 13523-19:2019

Coil coated metals - Test methods - Part 19: Panel design and method of atmospheric exposure testing

vervangt NBN EN 13523-19:2011 (2e uitgave)

NBN EN 13674-2:2019

Railway applications - Track - Rail - Part 2: Switch and crossing rails used in conjunction with Vignole railway rails 46 kg/m and above

vervangt NBN EN 13674-2+A1:2010 (2e uitgave)

NBN EN 13878:2019

Leisure accommodation vehicles - Terms and definitions

vervangt NBN EN 13878:2003 (1e uitgave)

NBN EN 14012:2019

Postal services - Quality of service - Complaints handling principles

vervangt NBN EN 14012:2009 (2e uitgave)

NBN EN 14257:2019

Adhesives - Wood adhesives - Determination of tensile strength of lap joints at elevated temperature (WATT '91)

vervangt NBN EN 14257:2006 (1e uitgave)

NBN EN 14960-2:2019

Inflatable play equipment - Part 2: Additional safety requirements for inflatable bouncing pillows intended for permanent installation

vervangt NBN EN 14960:2013 (2e uitgave)

NBN EN 15017:2019

Funeral Services - Requirements

vervangt NBN EN 15017:2006 (1e uitgave)

NBN EN 15182-1:2019

Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 1: Common requirements

vervangt NBN EN 15182-1+A1:2010 (2e uitgave)

NBN EN 15182-2:2019

Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 2: Combination branchpipes PN 16

vervangt NBN EN 15182-2+A1:2010 (2e uitgave)

NBN EN 15633-1:2019  
Foodstuffs - Detection of food allergens by immunological methods -  
Part 1: General considerations

vervangt NBN EN 15633-1:2009 (1e uitgave)  
NBN EN 15634-1:2019  
Foodstuffs - Detection of food allergens by molecular biological  
methods - Part 1: General considerations

vervangt NBN EN 15634-1:2009 (1e uitgave)  
NBN EN 15634-2:2019  
Foodstuffs - Detection of food allergens by molecular biological  
methods - Part 2: Celery (*Apium graveolens*) - Detection of a specific  
DNA sequence in cooked sausages by real-time PCR

NBN EN 16074:2019  
Paints and varnishes - Determination of non-volatile-matter content  
and spreading rate of coil coating materials

vervangt NBN EN 16074:2011 (1e uitgave)  
NBN EN 16125:2019  
LPG Equipment and Accessories - Pipework systems and supports -  
LPG in liquid phase and vapour pressure phase  
vervangt NBN EN 16125:2016

NBN EN 1656:2019  
Chemical disinfectants and antiseptics - Quantitative suspension test  
for the evaluation of bactericidal activity of chemical disinfectants and  
antiseptics used in the veterinary area - Test method and requirements  
(phase 2, step 1)

vervangt NBN EN 1656:2010 (2e uitgave)  
NBN EN 17121:2019  
Conservation of cultural heritage - Historic timber structures -  
Guidelines for the on-site assessment of load-bearing timber structures

NBN EN 17178:2019  
Liquid petroleum products - Determination of the total volatile sulfur  
content in liquefied petroleum gases by ultraviolet fluorescence spec-  
troscopy

NBN EN 17211:2019  
Water quality - Guidance on mapping of seagrasses and macroalgae  
in the eulittoral zone

NBN EN 17254:2019  
Foodstuffs - Minimum performance requirements for determination  
of gluten by ELISA

NBN EN 17264:2019  
Foodstuffs - Determination of elements and their chemical species -  
Determination of aluminium by inductively coupled plasma mass  
spectrometry (ICP-MS)

NBN EN 17265:2019  
Foodstuffs - Determination of elements and their chemical species -  
Determination of aluminium by inductively coupled plasma optical  
emission spectrometry (ICP-OES)

NBN EN 17306:2019  
Liquid petroleum products - Determination of distillation charac-  
teristics at atmospheric pressure - Micro-distillation

NBN EN 1753:2019  
Magnesium and magnesium alloys - Magnesium alloy ingots and  
castings

vervangt NBN EN 1753:1997 (1e uitgave)  
NBN EN 215:2019  
Thermostatic radiator valves - Requirements and test methods

vervangt NBN EN 215:2004 (2e uitgave), NBN EN 215/A1:2006 (1e  
uitgave)

NBN EN 2390:2019  
Aerospace series - Aluminium alloy 6082-T6 - Tubes for structures 0,6  
mm ≤ a ≤ 12,5 mm

NBN EN 2816:2019  
Aerospace series - Steel FE-PM1802 (X5CrNiCu15-5) - Consumable  
electrode remelted - Solution treated and precipitation treated -  
Forgings - a or D ≤ 200 mm - Rm ≥ 965 MPa

NBN EN 2957:2019  
Aerospace series - Method of preparation of forged samples

NBN EN 300 338-1:2019

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 1: Common requirements

NBN EN 301 908-14:2019

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)

NBN EN 301 908-18:2019

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)

NBN EN 301 908-3:2019

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)

NBN EN 3155-008:2019

Aerospace series - Electrical contacts used in elements of connection - Part 008: Contacts, electrical, male, type A, crimp, class S - Product standard

vervangt NBN EN 3155-008:2006 (1e uitgave)

NBN EN 3155-081:2019

Aerospace series - Electrical contacts used in elements of connection - Part 081: Contacts size 22 for EN 2997, electrical, female, type A, crimp, class T - Product standard

vervangt NBN EN 3155-081:2014 (1e uitgave)

NBN EN 3155-083:2019

Aerospace series - Electrical contacts used in elements of connection - Part 083: Contact, electrical, female, type A, crimp, class S, size 8 - Product standard

vervangt NBN EN 3155-083:2015 (1e uitgave)

NBN EN 3510:2019

Aerospace series - Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) - Solution treated and precipitation treated - Bars and sections - De ≤ 100 mm

NBN EN 3685:2019

Aerospace series - Bolts in heat resisting steel FE-PA2601 (A286) - Classification: 1 100 MPa/650 °C - Technical specification

vervangt NBN EN 3685:2008 (1e uitgave)

NBN EN 3745-404:2019

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 404: Thermal shock

vervangt NBN EN 3745-404:2006 (1e uitgave)

NBN EN 378-4:2016+A1:2019

Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery

vervangt NBN EN 378-4:2016

NBN EN 3847:2019

Aerospace series - Paints and varnishes - Determination of sedimentation rating

NBN EN 4476:2019

Aerospace series - Paints and varnishes - Cold curing intermediate coat

vervangt NBN EN 4476:2011 (1e uitgave)

NBN EN 4604-003:2019

Aerospace series - Cable, electrical, for signal transmission - Part 003: Cable, coaxial, 50 ohms, 200 °C, type WZ - Product standard

vervangt NBN EN 4604-003:2009 (1e uitgave)

NBN EN 4604-006:2019

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

vervangt NBN EN 4604-006:2009 (1e uitgave)

NBN EN 4708-105:2019

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 105: Semi-flexible polyvinylidene fluoride (PVDF) - Temperature range - 55 °C to 150 °C - Product standard

NBN EN 4708-107:2019

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 107: Polytetrafluoroethylene (PTFE) - Operating temperatures - 65 °C to 260 °C - Product standard

NBN EN 4708-108:2019

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 108: Limited fire hazard sleeving - Operating temperatures - 65 °C to 150 °C - Product standard

NBN EN 4827:2019

Aerospace series - Hexavalent chromium free anodizing of aluminium and aluminium alloys

vervangt NBN EN 4827:2017

NBN EN 50160:2010/A2:2019

Voltage characteristics of electricity supplied by public electricity networks

NBN EN 50160:2010/A3:2019

Voltage characteristics of electricity supplied by public electricity networks

NBN EN 55016-2-3:2017/A1:2019

Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements

NBN EN 60034-18-41:2014/A1:2019

Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters - Qualification and quality control tests

NBN EN 60317-20:2014/A1:2019

Specifications for particular types of winding wires - Part 20: Solderable polyurethane enamelled round copper wire, class 155

NBN EN 60317-21:2014/A1:2019

Specifications for particular types of winding wires - Part 21: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155

NBN EN 60317-23:2014/A1:2019

Specifications for particular types of winding wires - Part 23: Solderable polyesterimide enamelled round copper wire, class 180

NBN EN 6049-004:2019

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 004: Braided, tubular, high expandable - Product standard

NBN EN 62760:2016/A1:2019

Audio reproduction method for normalized loudness level

NBN EN 927-13:2019

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 13: Assessment of resistance to impact of a coating on a wooden substrate

NBN EN 927-3:2019

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 3: Natural weathering test

vervangt NBN EN 927-3:2012 (3e uitgave)

NBN EN IEC 60276:2019

Carbon brushes, brush holders, commutators and slip-rings - Definitions and nomenclature

NBN EN IEC 60539-2:2019

Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors

NBN EN IEC 60601-2-28:2019

Medical electrical equipment - Part 2-28: Particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis

NBN EN IEC 60934:2019

Circuit breakers for equipment (CBE)

NBN EN IEC 61000-6-4:2019

Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments

NBN EN IEC 61169-24:2019

Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 Ω cable networks (type F)

NBN EN IEC 61238-1-1:2019

Compression and mechanical connectors for power cables - Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2$  kV) tested on non-insulated conductors

NBN EN IEC 61238-1-2:2019

Compression and mechanical connectors for power cables - Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2$  kV) tested on insulated conductors

NBN EN IEC 61238-1-3:2019

Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV ( $U_m = 1,2$  kV) up to 36 kV ( $U_m = 42$  kV) tested on non-insulated conductors

NBN EN IEC 61238-1-3:2019/A11:2019

Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV ( $U_m = 1,2$  kV) up to 36 kV ( $U_m = 42$  kV) tested on non-insulated conductors

NBN EN IEC 61400-3-1:2019

Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines

NBN EN IEC 61810-10:2019

Electromechanical elementary relays - Part 10: Additional functional aspects and safety requirements for high-capacity relays

NBN EN IEC 62138:2019

Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category B or C functions

NBN EN IEC 62271-214:2019

High-voltage switchgear and controlgear - Part 214: Internal arc classification for metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

NBN EN IEC 62561-2:2018/AC:2019-09

Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes

NBN EN IEC 62668-2:2019

Process management for avionics - Counterfeit prevention - Part 2: Managing electronic components from non-franchised sources

NBN EN IEC 63009:2019

Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 20 kHz to 500 kHz

NBN EN IEC 63202-1:2019

Photovoltaic cells - Part 1: Measurement of light-induced degradation of crystalline silicon photovoltaic cells

NBN EN ISO 10426-3:2019

Petroleum and natural gas industries - Cements and materials for well cementing - Part 3: Testing of deepwater well cement formulations (ISO 10426-3:2019)

vervangt NBN EN ISO 10426-3:2005 (1e uitgave)

NBN EN ISO 11393-2:2019

Protective clothing for users of hand-held chainsaws - Part 2: Performance requirements and test methods for leg protectors (ISO 11393-2:2018)

vervangt NBN EN 381-2:1995 (1e uitgave), NBN EN 381-5:1995 (1e uitgave)

NBN EN ISO 11393-4:2019

Protective clothing for users of hand-held chainsaws - Part 4: Performance requirements and test methods for protective gloves (ISO 11393-4:2018)

vervangt NBN EN 381-4:1999 (1e uitgave), NBN EN 381-7:1999 (1e uitgave)

- NBN EN ISO 12381:2019  
Health informatics - Explicit time-related expressions for healthcare-specific problems (ISO 12381:2019)  
vervangt NBN EN 12381:2005 (1e uitgave)
- NBN EN ISO 12718:2019  
Non-destructive testing - Eddy current testing - Vocabulary (ISO 12718:2019)  
vervangt NBN EN ISO 12718:2008 (1e uitgave)
- NBN EN ISO 13385-1:2019  
Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 1: Design and metrological characteristics of callipers (ISO 13385-1:2019)  
vervangt NBN EN ISO 13385-1:2011 (1e uitgave)
- NBN EN ISO 13437:2019  
Geosynthetics - Installing and retrieving samples in the field for durability assessment (ISO 13437:2019)  
vervangt NBN EN ISO 13437:1998 (1e uitgave)
- NBN EN ISO 13854:2019  
Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)  
vervangt NBN EN 349+A1:2008 (2e uitgave)
- NBN EN ISO 14245:2019  
Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing (ISO 14245:2019)  
vervangt NBN EN ISO 14245:2010 (1e uitgave)
- NBN EN ISO 15216-2:2019  
Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR - Part 2: Method for detection (ISO 15216-2:2019)
- NBN EN ISO 15609-1:2019  
Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 1: Arc welding (ISO 15609-1:2019)  
vervangt NBN EN ISO 15609-1:2004 (2e uitgave), NBN EN ISO 15609-1 NL:2014 (2e uitgave)
- NBN EN ISO 15609-2:2019  
Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding (ISO 15609-2:2019)  
vervangt NBN EN ISO 15609-2:2001 (1e uitgave), NBN EN ISO 15609-2/A1:2004 (1e uitgave)
- NBN EN ISO 15995:2019  
Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated (ISO 15995:2019)  
vervangt NBN EN ISO 15995:2010 (1e uitgave)
- NBN EN ISO 17059:2019  
Oilseeds - Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (Rapid method) (ISO 17059:2019)  
vervangt NBN EN ISO 17059:2009 (1e uitgave)
- NBN EN ISO 17700:2019  
Footwear - Test methods for upper components and insoles - Colour fastness to rubbing and bleeding (ISO 17700:2019)  
vervangt NBN EN ISO 17700:2005 (2e uitgave)
- NBN EN ISO 17872:2019  
Paints and varnishes - Guidelines for the introduction of scribe marks through coatings on metallic panels for corrosion testing (ISO 17872:2019)  
vervangt NBN EN ISO 17872:2007 (1e uitgave)
- NBN EN ISO 18388:2019  
Technical product documentation (TPD) - Relief grooves - Types and dimensioning (ISO 18388:2016)
- NBN EN ISO 18592:2019  
Resistance welding - Destructive testing of welds - Method for the fatigue testing of multi-spot-welded specimens (ISO 18592:2019)  
vervangt NBN EN ISO 18592:2010 (1e uitgave)
- NBN EN ISO 19901-9:2019  
Petroleum and natural gas industries - Specific requirements for offshore structures - Part 9: Structural integrity management (ISO 19901-9:2019)

NBN EN ISO 19903:2019

Petroleum and natural gas industries - Concrete offshore structures (ISO 19903:2019)

vervangt NBN EN ISO 19903:2007 (1e uitgave)

NBN EN ISO 20074:2019

Petroleum and natural gas industry - Pipeline transportation systems - Geological hazards risk management for onshore pipeline (ISO 20074:2019)

NBN EN ISO 20361:2019

Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019)

vervangt NBN EN ISO 20361:2015 (2e uitgave)

NBN EN ISO 20504:2019

Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at room temperature - Determination of compressive properties (ISO 20504:2019)

vervangt NBN EN ISO 20504:2016

NBN EN ISO 20789:2019

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

NBN EN ISO 20846:2019

Petroleum products - Determination of sulfur content of automotive fuels - Ultraviolet fluorescence method (ISO 20846:2019)

vervangt NBN EN ISO 20846:2011 (2e uitgave)

NBN EN ISO 20884:2019

Petroleum products - Determination of sulfur content of automotive fuels - Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2019)

vervangt NBN EN ISO 20884:2011 (2e uitgave)

NBN EN ISO 20896-1:2019

Dentistry - Digital impression devices - Part 1: Methods for assessing accuracy (ISO 20896-1:2019)

NBN EN ISO 21253-1:2019

Water quality - Multi-compound class methods - Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry (ISO 21253-1:2019)

NBN EN ISO 21253-2:2019

Water quality - Multi-compound class methods - Part 2: Criteria for the quantitative determination of organic substances using a multi-compound class analytical method (ISO 21253-2:2019)

NBN EN ISO 21416:2019

Recreational diving services - Requirements and guidance on environmentally sustainable practices in recreational diving (ISO 21416:2019)

NBN EN ISO 21417:2019

Recreational diving services - Requirements for training on environmental awareness for recreational divers (ISO 21417:2019)

NBN EN ISO 22633:2019

Adhesives - Test methods for adhesives for floor coverings and wall coverings - Determination of dimensional changes of a linoleum floor covering in contact with an adhesive (ISO 22633:2019)

vervangt NBN EN 1841:1999 (1e uitgave)

NBN EN ISO 2307:2019

Fibre ropes - Determination of certain physical and mechanical properties (ISO 2307:2019)

vervangt NBN EN ISO 2307:2010 (4e uitgave)

NBN EN ISO 23611-3:2019

Soil quality - Sampling of soil invertebrates - Part 3: Sampling and extraction of enchytraeids (ISO 23611-3:2019)

vervangt NBN EN ISO 23611-3:2011 (1e uitgave)

NBN EN ISO 25066:2019

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



NBN EN ISO 27427:2019

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

vervangt NBN EN 13544-1+A1:2009 (3e uitgave)

NBN EN ISO 2808:2019

Paints and varnishes - Determination of film thickness (ISO 2808:2019)

vervangt NBN EN ISO 2808:2007 (2e uitgave)

NBN EN ISO 28763:2019

Vitreous and porcelain enamels - Regenerative, enamelled and packed panels for air-gas and gas-gas heat exchangers - Specifications (ISO 28763:2019)

vervangt NBN EN ISO 28763:2011 (1e uitgave)

NBN EN ISO 3233-2:2019

Paints and varnishes - Determination of the percentage volume of non-volatile matter - Part 2: Method using the determination of non-volatile-matter content in accordance with ISO 3251 and determination of dry film density on coated test panels by the Archimedes principle (ISO 3233-2:2019)

vervangt NBN EN ISO 3233-2:2014 (1e uitgave)

NBN EN ISO 3252:2019

Powder metallurgy - Vocabulary (ISO 3252:2019)

vervangt NBN EN ISO 3252:2001 (1e uitgave)

NBN EN ISO 3269:2019

Fasteners - Acceptance inspection (ISO 3269:2019)

vervangt NBN EN ISO 3269:2000 (1e uitgave)

NBN EN ISO 35103:2019

Petroleum and natural gas industries - Arctic operations - Environmental monitoring (ISO 35103:2017)

NBN EN ISO 3743-2:2019

Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (ISO 3743-2:2018)

vervangt NBN EN ISO 3743-2:2009 (2e uitgave)

NBN EN ISO 3821:2019

Gas welding equipment - Rubber hoses for welding, cutting and allied processes (ISO 3821:2019)

vervangt NBN EN ISO 3821:2010 (1e uitgave)

NBN EN ISO 3964:2016/A1:2019

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

NBN EN ISO 5167-6:2019

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters (ISO 5167-6:2019)

NBN EN ISO 527-1:2019

Plastics - Determination of tensile properties - Part 1: General principles (ISO 527-1:2019)

vervangt NBN EN ISO 527-1:2012 (2e uitgave)

NBN EN ISO 5356-2:2012/A1:2019

Anaesthetic and respiratory equipment - Conical connectors - Part 2: Screw-threaded weight-bearing connectors - Amendment 1 (ISO 5356-2:2012/Amd 1:2019)

NBN EN ISO 5362:2019

Anaesthetic reservoir bags (ISO 5362:2006)

vervangt NBN EN 1820+A1:2009 (3e uitgave)

NBN EN ISO 5815-1:2019

Water quality - Determination of biochemical oxygen demand after n days (BOD<sub>n</sub>) - Part 1: Dilution and seeding method with allylthiourea addition (ISO 5815-1:2019)

NBN EN ISO 5832-1:2019

Implants for surgery - Metallic materials - Part 1: Wrought stainless steel (ISO 5832-1:2016)

NBN EN ISO 5832-6:2019

Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:1997)

NBN EN ISO 5832-7:2019

Implants for surgery - Metallic materials - Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO 5832-7:2016)

NBN EN ISO 6218:2019

Inland navigation vessels - Manually- and power-operated coupling devices for rope connections of pushing units and coupled vessels - Safety requirements and main dimensions (ISO 6218:2019)

vervangt NBN EN ISO 6218:2015 (2e uitgave)

NBN EN ISO 787-13:2019

General methods of test for pigments and extenders - Part 13: Determination of water-soluble sulfates, chlorides and nitrates (ISO 787-13:2019)

vervangt NBN EN ISO 787-13:2002 (2e uitgave)

NBN EN ISO 787-15:2019

General methods of test for pigments and extenders - Part 15: Comparison of resistance to light of coloured pigments of similar types (ISO 787-15:2019)

vervangt NBN EN ISO 787-15:1995 (1e uitgave)

NBN EN ISO 80601-2-79:2019

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

vervangt NBN EN ISO 10651-6:2009 (2e uitgave)

NBN EN ISO 80601-2-80:2019

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

vervangt NBN EN ISO 10651-6:2009 (2e uitgave)

NBN EN ISO 8384:2019

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

vervangt NBN EN ISO 8384:2018

NBN EN ISO/ASTM 52902:2019

Additive manufacturing - Test artifacts - Geometric capability assessment of additive manufacturing systems (ISO/ASTM 52902:2019)

NBN EN ISO/ASTM 52911-1:2019

Additive manufacturing - Design - Part 1: Laser-based powder bed fusion of metals (ISO/ASTM 52911-1:2019)

NBN ISO 14008:2019

Monetary valuation of environmental impacts and related environmental aspects

NBN ISO 16000-40:2019

Indoor air - Part 40: Indoor air quality management system

NBN ISO 21101:2019

Adventure tourism - Safety management systems - Requirements

NBN ISO 21401:2019

Tourism and related services - Sustainability management system for accommodation establishments - Requirements

NBN ISO 24508:2019

Ergonomics - Accessible design - Guidelines for designing tactile symbols and characters

NBN ISO/IEC 27701:2019

Security techniques - Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management - Requirements and guidelines

NBN ISO/TS 22163:2019

Railway applications - Quality management system - Business management system requirements for rail organizations: ISO 9001:2015 and particular requirements for application in the rail sector

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 1565-1:2000 (1e uitgave)  
NBN EN 15842:2010 (1e uitgave)  
NBN EN 50052:1995 (1e uitgave)  
NBN EN 50052/A1:1995 (1e uitgave)  
NBN EN 50289-1-11:2002 (1e uitgave)  
NBN EN 50341-2-4:2016  
NBN EN 60384-4:2007 (1e uitgave)  
NBN EN 61078:2006 (2e uitgave)  
NBN EN 61360-5:2005 (e uitgave)  
NBN EN 61703:2002 (1e uitgave)  
NBN EN 61753-1:2008 (2e uitgave)  
NBN EN 62591:2010 (1e uitgave)

5. Erratum

In het *Belgisch Staatsblad* van 27 september 2019, op pagina 89334, dient de vermelding over de intrekking van de registratie van de normen NBN EN 60950-1:2006, 5e uitgave, NBN EN 60950-1/A1:2009, 5e uitgave, NBN EN 60950-1/A2:2010, 5e uitgave, NBN EN 60950-1/A3:2011, 5e uitgave, en NBN EN 60950-1/A4:2013, 5e uitgave, te worden geschrapt. De normen NBN EN 60950-1:2006, 5e uitgave, NBN EN 60950-1/A1:2009, 5e uitgave, NBN EN 60950-1/A2:2010, 5e uitgave, NBN EN 60950-1/A3:2011, 5e uitgave, en NBN EN 60950-1/A4:2013, 5e uitgave blijven geldig.

