

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

[C – 2019/41383]

**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 10217-1:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties

vervangt NBN EN 10217-1:2002 (1e uitgave), NBN EN 10217-1/A1:2005 (1e uitgave)

NBN EN 10217-2:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties

vervangt NBN EN 10217-2:2002 (1e uitgave), NBN EN 10217-2/A1:2005 (1e uitgave)

NBN EN 10217-3:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 3: Electric welded and submerged arc welded alloy fine grain steel tubes with specified room, elevated and low temperature properties

vervangt NBN EN 10217-3:2002 (1e uitgave), NBN EN 10217-3/A1:2005 (1e uitgave)

NBN EN 10217-4:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 4: Electric welded non-alloy steel tubes with specified low temperature properties

vervangt NBN EN 10217-4:2002 (1e uitgave), NBN EN 10217-4/A1:2005 (1e uitgave)

NBN EN 10217-5:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties

vervangt NBN EN 10217-5:2002 (1e uitgave), NBN EN 10217-5/A1:2005 (1e uitgave)

NBN EN 10217-6:2019

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties

vervangt NBN EN 10217-6:2002 (1e uitgave), NBN EN 10217-6/A1:2005 (1e uitgave)

NBN EN 1047-2:2019

Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data container

vervangt NBN EN 1047-2+A1:2013 (3e uitgave)

NBN EN 1090-3:2019

Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures

vervangt NBN EN 1090-3:2009 (1e uitgave)

NBN EN 1143-1:2019

Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms

vervangt NBN EN 1143-1:2012 (4e uitgave)

NBN EN 12259-9:2019

Fixed firefighting systems - Components for sprinkler and water spray systems - Part 9: Deluge alarm valves

NBN EN 12285-3:2019

Workshop fabricated steel tanks - Part 3: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids for heating and cooling of buildings

vervangt NBN EN 12285-1:2003 (1e uitgave)

NBN EN 1295-1:2019

Structural design of buried pipelines under various conditions of loading - Part 1: General requirements

vervangt NBN EN 1295-1:1997 (1e uitgave)

NBN EN 13126-15:2019

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 15: Rollers for horizontal sliding and hardware for sliding folding windows

vervangt NBN EN 13126-15:2008 (2e uitgave)

NBN EN 13126-16:2019

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 16: Hardware for Lift and Slide windows

vervangt NBN EN 13126-16:2008 (2e uitgave)

NBN EN 13126-17:2019

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 17: Hardware for Tilt and Slide windows

vervangt NBN EN 13126-17:2008 (2e uitgave)

NBN EN 13175:2019

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

vervangt NBN EN 13175:2014 (2e uitgave)

NBN EN 13216-1:2019

Chimneys - Test methods for system chimneys - Part 1: General test methods

vervangt NBN EN 13216-1:2004 (1e uitgave)

NBN EN 13236:2019

Safety requirements for superabrasive products

vervangt NBN EN 13236:2010+A1:2016

NBN EN 13375:2019

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Specimen preparation

vervangt NBN EN 13375:2004 (1e uitgave)

NBN EN 13445-3:2014/A7:2019

Unfired pressure vessels - Part 3: Design

NBN EN 13445-3:2014/A8:2019

Unfired pressure vessels - Part 3: Design

NBN EN 13480-1:2017/A1:2019

Metallic industrial piping - Part 1: General

NBN EN 13480-6:2017/A1:2019

Metallic industrial piping - Part 6: Additional requirements for buried piping

NBN EN 13565-1:2019

Fixed firefighting systems - Foam systems - Part 1: Requirements and test methods for components

vervangt NBN EN 13565-1+A1:2008 (2e uitgave)

NBN EN 13565-2:2018+AC:2019

Fixed firefighting systems - Foam systems - Part 2: Design, construction and maintenance

vervangt NBN EN 13565-2:2018

NBN EN 1366-13:2019

Fire resistance tests for service installations - Part 13: Chimneys

- NBN EN 13674-4:2019  
Railway applications - Track - Rail - Part 4: Vignole railway rails from 27 kg/m to, but excluding 46 kg/m  
vervangt NBN EN 13674-4+A1:2010 (2e uitgave)
- NBN EN 13757-4:2019  
Communication systems for meters - Part 4: Wireless M-Bus communication  
vervangt NBN EN 13757-4:2013 (2e uitgave)
- NBN EN 13795-1:2019  
Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns  
vervangt NBN EN 13795+A1:2013 (4e uitgave)
- NBN EN 13795-2:2019  
Surgical clothing and drapes - Requirements and test methods - Part 2: Clean air suits  
vervangt NBN EN 13795+A1:2013 (4e uitgave)
- NBN EN 13880-6:2019  
Hot applied joint sealants - Part 6: Method for the preparation of samples for testing  
vervangt NBN EN 13880-6:2004 (1e uitgave)
- NBN EN 13880-7:2019  
Hot applied joint sealants - Part 7: Function testing of joint sealants  
vervangt NBN EN 13880-7:2003 (1e uitgave)
- NBN EN 13941-1:2019  
District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design  
vervangt NBN EN 13941+A1:2010 (3e uitgave)
- NBN EN 13941-2:2019  
District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation  
vervangt NBN EN 13941+A1:2010 (3e uitgave)
- NBN EN 14071:2015+A1:2019  
LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Ancillary equipment  
vervangt NBN EN 14071:2015 (2e uitgave)
- NBN EN 14110:2019  
Fat and oil derivatives - Fatty Acid Methyl Esters - Determination of methanol content  
vervangt NBN EN 14110:2003 (1e uitgave)
- NBN EN 14175-3:2019  
Fume cupboards - Part 3: Type test methods  
vervangt NBN EN 14175-3:2004 (1e uitgave)
- NBN EN 1443:2019  
Chimneys - General requirements  
vervangt NBN EN 1443:2003 (2e uitgave)
- NBN EN 14504:2019  
Inland navigation vessels - Floating landing stages and floating bridges on inland waters - Requirements, tests  
vervangt NBN EN 14504:2016
- NBN EN 14974:2019  
Skateparks - Safety requirements and test methods  
vervangt NBN EN 14974+A1:2010 (2e uitgave)
- NBN EN 15101-1:2013+A1:2019  
Thermal insulation products for buildings - In-situ formed loose fill cellulose (LFCI) products - Part 1: Specification for the products before installation  
vervangt NBN EN 15101-1:2013 (1e uitgave)
- NBN EN 1519-1:2019  
Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Requirements for pipes, fittings and the system  
vervangt NBN EN 1519-1:2000 (1e uitgave)
- NBN EN 15276-1:2019  
Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 1: Requirements and test methods for components

NBN EN 15610:2019

Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation

vervangt NBN EN 15610:2009 (1e uitgave)

NBN EN 15654-2:2019

Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 2: Test in workshop for new, modified and maintained vehicles

NBN EN 16511:2014+A1:2019

Loose-laid panels - Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer

vervangt NBN EN 16511:2014 (1e uitgave)

NBN EN 16602-70-38:2019

Space product assurance - High-reliability soldering for surface-mount and mixed technology

NBN EN 16603-33-01:2019

Space engineering - Mechanisms

NBN EN 16603-33-11:2019

Space engineering - Explosive subsystems and devices

vervangt NBN EN 14607-6:2004 (1e uitgave)

NBN EN 16798-1:2019

Energy performance of buildings - Ventilation for buildings - Part 1: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics - Module M1-6

vervangt NBN EN 15251:2007 (1e uitgave)

NBN EN 16825:2016/A1:2019

Refrigerated storage cabinets and counters for professional use - Classification, requirements and test conditions

NBN EN 16834:2019

Railway applications - Braking - Brake performance

NBN EN 17032:2018/A1:2019

Blast chillers and freezers cabinets for professional use - Classification, requirements and test conditions

NBN EN 17069-1:2019

Railway applications - Systems and procedures for change of track gauge - Part 1: Automatic Variable Gauge Systems

NBN EN 1709:2019

Safety requirements for cableway installations designed to transport persons - Precommissioning inspection and instructions for maintenance and operational inspection and checks

vervangt NBN EN 1709:2004 (1e uitgave)

NBN EN 17176-1:2019

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 1: General

NBN EN 17176-2:2019

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 2: Pipes

NBN EN 17176-5:2019

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 5: Fitness for purpose of the system

NBN EN 17204:2019

Water quality - Guidance on analysis of mesozooplankton from marine and brackish waters

NBN EN 1822-1:2019

High efficiency air filters (EPA, HEPA and ULPA) - Part 1: Classification, performance testing, marking

vervangt NBN EN 1822-1:2010 (2e uitgave)

NBN EN 2414:2019

Aerospace series - Washers, chamfered, with counterbore, in alloy steel, cadmium plated

NBN EN 2468:2019

Aerospace series - Steel FE-PA11 - Softened - Tubes - 0,5 mm ≤ a ≤ 5 mm

NBN EN 2470:2019

Aerospace series - Steel FE-PA11 - Softened and cold drawn - Wires for rivets -  $1 \text{ mm} \leq D \leq 10 \text{ mm}$

NBN EN 2583:2019

Aerospace series - Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718) - Classification: 1 275 MPa (at ambient temperature)/650°C - Technical specification

vervangt NBN EN 2583:1997 (1e uitgave)

NBN EN 2878:2018+AC:2019

Aerospace series - Nuts, anchor, self-locking, air resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS<sub>2</sub> lubricated - Classification: 900 MPa (at ambient temperature)/235 °C

vervangt NBN EN 2878:2018

NBN EN 2880:2018+AC:2019

Aerospace series - Nuts, anchor, self-locking, fuel resistant, sealing, floating, two lug, with counterbore, in alloy steel, cadmium plated, MoS<sub>2</sub> lubricated - Classification: 900 MPa (at ambient temperature) / 120 °C

vervangt NBN EN 2880:2018

NBN EN 2923:2019

Aerospace series - Nuts, hexagon, plain, reduced height, reduced across flats, in heat resisting steel, silver plated - Classification: 600 MPa (at ambient temperature) / 425 °C

NBN EN 2924:2019

Aerospace series - Nuts, hexagon, plain, reduced height, reduced across flats, in heat resisting steel, silver plated, left hand thread - Classification: 600 MPa (at ambient temperature) / 425 °C

NBN EN 2952:2019

Aerospace series - Heat resisting alloy NI-PH2601 - Solution treated and cold worked - Bar for forged fasteners -  $D \leq 50 \text{ mm}$  -  $1\ 270 \text{ MPa} \leq R_m \leq 1\ 550 \text{ MPa}$

NBN EN 300 132-2:2019

Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC)

NBN EN 301 489-12:2019

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS) Harmonised Standard for electromagnetic compatibility

NBN EN 301 489-15:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-19:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-2:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-20:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-27:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P) operating in the 402 MHz to 405 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-29:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-31:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 31: Specific conditions for equipment in the 9 kHz to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-33:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 33: Specific conditions for Ultra-WideBand (UWB) devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-35:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-4:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-5:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech) and Terrestrial Trunked Radio (TETRA); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-50:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-51:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-53:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 53: Specific conditions for terrestrial sound broadcasting and digital TV broadcasting service transmitters and associated ancillary equipment; Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-6:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 301 489-9:2019

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

NBN EN 302 637-2:2019

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service

NBN EN 302 637-3:2019

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service

NBN EN 319 532-3:2019

Electronic Signatures and Infrastructures (ESI); Registered Electronic Mail (REM) Services; Part 3: Formats

NBN EN 3220:2019

Aerospace series - Heat resisting nickel base alloy (Ni-P101HT) - Cold worked and softened - Bar and wire for continuous forging or extrusion for fasteners -  $3 \text{ mm} \leq D \leq 30 \text{ mm}$

NBN EN 3275:2019

Aerospace series - Pipe coupling 8°30' up to 28 000 kPa Dynamic beam seal - Metric series - Technical specification

vervangt NBN EN 3275:2002 (1e uitgave)

NBN EN 33:2019

WC pans and WC suites - Connecting dimensions

vervangt NBN EN 33:2011 (2e uitgave)

NBN EN 3314:2019

Aerospace series - Titanium alloy TI-P64001 - Solution treated and aged - Bar for machining -  $D \leq 75 \text{ mm}$

NBN EN 3470:2019

Aerospace series - Steel FE-PM1503 (X3CrNiMoAl13-8-2) - Vacuum induction melted and consumable electrode remelted - Solution treated and precipitation treated - Forgings -  $a$  or  $D \leq 150 \text{ mm}$  -  $1\ 200 \text{ MPa} \leq R_m \leq 1\ 400 \text{ MPa}$

NBN EN 3660-004:2018+AC:2019

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief - Product standard

vervangt NBN EN 3660-004:2018

NBN EN 3660-005:2018+AC:2019

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard

vervangt NBN EN 3660-005:2018

NBN EN 3833:2019

Aerospace series - Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), passivated - Classification:  $1\ 550 \text{ MPa}$  (at ambient temperature) /  $650 \text{ °C}$  - Technical specification

vervangt NBN EN 3833:2005 (2e uitgave)

NBN EN 4726:2018+AC:2019

Aerospace series - Acceptance parameters of aesthetical variations for all visible equipment installed in aircraft cabins under all contractual variations

vervangt NBN EN 4726:2018

NBN EN 484:2019

Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use

vervangt NBN EN 484:1997 (1e uitgave)

NBN EN 50117-1:2019

Coaxial cables - Part 1: Generic specification

NBN EN 50117-10-1:2019

Coaxial cables - Part 10-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 1 000 MHz

NBN EN 50117-10-2:2019

Coaxial cables - Part 10-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz

NBN EN 50117-11-1:2019

Coaxial cables - Part 11-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 1 000 MHz

NBN EN 50117-11-2:2019

Coaxial cables - Part 11-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 2 000 MHz

NBN EN 50117-9-1:2019

Coaxial cables - Part 9-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 1 000 MHz

NBN EN 50117-9-2:2019

Coaxial cables - Part 9-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz

NBN EN 50117-9-3:2019

Coaxial cables - Part 9-3: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 6 000 MHz

vervangt NBN EN 50117-4-2:2015 (1e uitgave)

NBN EN 50121-3-1:2017/A1:2019

Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle

NBN EN 50121-3-2:2016/A1:2019

Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus

NBN EN 50121-4:2016/A1:2019

Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus

NBN EN 50121-5:2017/A1:2019

Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus

NBN EN 50129:2018/AC:2019-04

Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling

NBN EN 50131-4:2019

Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices

NBN EN 50377-18-1:2019

Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 18-1: type 4+4x10.3125 Gb/s MPO (QFSP) transceiver mated with an MPO connector equipped with 12 fibre PPS ferrules terminated on EN 60793-2-10 category A1a.3a or A1a.3b 50/125 micron multimode fibre

NBN EN 50436-4:2019

Alcohol interlocks - Test methods and performance requirements - Part 4: Connection and digital interface between the alcohol interlock and the vehicle

NBN EN 50549-1:2019/AC:2019-04

Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B

NBN EN 50549-2:2019/AC:2019-03

Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B

NBN EN 50551-1:2019

Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements

NBN EN 50620:2017/A1:2019

Electric cables - Charging cables for electric vehicles

NBN EN 50632-1:2015/A1:2019

Electric motor-operated tools - Dust measurement Procedure - Part 1: General requirements

NBN EN 521:2019

Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances

vervangt NBN EN 521:2006 (2e uitgave)

NBN EN 527-2:2016+A1:2019

Office furniture - Work tables - Part 2: Safety, strength and durability requirements

vervangt NBN EN 527-2:2017

NBN EN 54-3:2014+A1:2019

Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders



vervangt NBN EN 54-3:2014 (2e uitgave)

NBN EN 55016-4-2:2011/A2:2018/AC:2019-02

Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty

NBN EN 60061-1:1993/A58:2018/AC:2019-04

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps

NBN EN 60188:2001/A11:2019

High-pressure mercury vapour lamps - Performance specifications

NBN EN 60529:1991/A2:2013/AC:2019-02

Degrees of protection provided by enclosures (IP Code)

NBN EN 6055:2019

Aerospace series - Rod-end with bearing EN 4265 in corrosion resisting steel, external threaded shank - Dimensions and loads - Inch series

NBN EN 6056:2019

Aerospace series - Rod-end with bearing per EN 4614 with self lubricating liner in corrosion resisting steel with external threaded shank - Dimensions and loads - Inch series

NBN EN 60674-2:2017/A1:2019

Specification for plastic films for electrical purposes - Part 2: Methods of test

NBN EN 60691:2016/A1:2019

Thermal-links - Requirements and application guide

NBN EN 60730-1:2016/A1:2019

Automatic electrical controls - Part 1: General requirements

NBN EN 60730-2-5:2015/A1:2019

Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems

NBN EN 6096:2019

Aerospace series - Bearing, spherical plain with self-lubricating liner, extra wide inner ring in corrosion resisting steel - Dimensions and loads - Inch series

NBN EN 6097:2019

Aerospace series - Bearing, spherical plain, metal to metal, extra wide inner ring in corrosion resisting steel - Dimensions and loads - Inch series

NBN EN 6098:2019

Aerospace series - Rod-end with bearing per EN 6097 in corrosion resisting steel, extra wide inner ring, external threaded shank - Dimensions and loads - Inch series

NBN EN 61010-1:2010/A1:2019

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

NBN EN 61010-1:2010/A1:2019/AC:2019-04

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

NBN EN 61058-1-1:2016/AC:2019-02

Switches for appliances - Part 1-1: Requirements for mechanical switches

NBN EN 61058-1-2:2016/AC:2019-02

Switches for appliances - Part 1-2: Requirements for electronic switches

NBN EN 6133:2019

Aerospace series - Rod-end, with bearing per EN 6096, with self-lubricating liner in corrosion resisting steel, extra wide inner ring, external threaded shank - Dimensions and loads - Inch series

NBN EN 61439-3:2012/AC:2019-04

Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

NBN EN 61643-31:2019

Low-voltage surge protective devices - Part 31: Requirements and test methods for SPDs for photovoltaic installations

NBN EN 62717:2017/A2:2019

LED modules for general lighting - Performance requirements

NBN EN 689:2018+AC:2019

Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values

vervangt NBN EN 689:2018

NBN EN 71-3:2019

Safety of toys - Part 3: Migration of certain elements

vervangt NBN EN 71-3:2013+A3:2018

NBN EN 927-10:2019

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 10: Resistance to blocking of paints and varnishes on wood

NBN EN IEC 60027-2:2019

Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics

NBN EN IEC 60076-22-3:2019

Power transformers - Part 22-3: Power transformer and reactor fittings - Insulating liquid to air heat exchangers

NBN EN IEC 60076-22-4:2019

Power transformers - Part 22-4: Power transformer and reactor fittings - Insulating liquid to water heat exchangers

NBN EN IEC 60079-15:2019

Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

NBN EN IEC 60255-181:2019

Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection

NBN EN IEC 60512-99-002:2019

Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load

NBN EN IEC 60534-3-1:2019

Industrial-process control valves - Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

NBN EN IEC 60730-2-12:2019

Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks

NBN EN IEC 60730-2-14:2019

Automatic electrical controls - Part 2-14: Particular requirements for electric actuators

NBN EN IEC 60730-2-15:2019

Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls

NBN EN IEC 60730-2-9:2019

Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls

NBN EN IEC 60730-2-9:2019/A1:2019

Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls

NBN EN IEC 60793-1-31:2019

Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength

NBN EN IEC 60825-12:2019

Safety of laser products - Part 12: Safety of free space optical communication systems used for transmission of information

NBN EN IEC 60900:2018/AC:2019-02

Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC

NBN EN IEC 60966-1:2019

Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods

NBN EN IEC 60974-1:2018/A1:2019

Arc welding equipment - Part 1: Welding power sources

NBN EN IEC 60974-2:2019

Arc welding equipment - Part 2: Liquid cooling systems

NBN EN IEC 60974-5:2019

Arc welding equipment - Part 5: Wire feeders

NBN EN IEC 61000-6-1:2019

Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments

NBN EN IEC 61000-6-2:2019

Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments

NBN EN IEC 61076-3-124:2019

Connectors for electrical and electronic equipment - Product requirements - Part 3-124: Rectangular connectors - Detail specification for 10-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz

NBN EN IEC 61400-1:2019

Wind energy generation systems - Part 1: Design requirements

NBN EN IEC 61968-4:2019

Application integration at electric utilities - System interfaces for distribution management - Part 4: Interfaces for records and asset management

NBN EN IEC 62097:2019

Hydraulic machines, radial and axial - Methodology for performance transposition from model to prototype

NBN EN IEC 62148-21:2019

Fibre optic active components and devices - Package and interface standards - Part 21: Design guide of electrical interface of PIC packages using silicon fine-pitch ball grid array (S-FBGA) and silicon fine-pitch land grid array (S-FLGA)

NBN EN IEC 62228-3:2019

Integrated circuits - EMC evaluation of transceivers - Part 3: CAN transceivers

NBN EN IEC 62271-209:2019

High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations

NBN EN IEC 62343-1:2019

Dynamic modules - Part 1: Performance standards - General conditions

NBN EN IEC 62433-1:2019

EMC IC modelling - Part 1: General modelling framework

NBN EN IEC 62443-2-4:2019

Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers

NBN EN IEC 62443-2-4:2019/A1:2019

Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers

NBN EN IEC 62443-3-3:2019

Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels

NBN EN IEC 62443-4-2:2019

Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components

NBN EN IEC 62474:2019

Material declaration for products of and for the electrotechnical industry

NBN EN IEC 62496-4-1:2019

Optical circuit boards - Part 4-1: Interface standards - Terminated waveguide OCB assembly using single-row twelve-channel PMT connectors

NBN EN IEC 62902:2019

Secondary cells and batteries - Marking symbols for identification of their chemistry

NBN EN IEC 62909-2:2019

Bi-directional grid-connected power converters - Part 2: Interface of GCPC and distributed energy resources

NBN EN IEC 62933-2-1:2018/AC:2019-02

Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification

NBN EN IEC 62966-1:2019

Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical requirements

NBN EN IEC 63093-13:2019

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 13: PQ-cores

NBN EN IEC 63093-4:2019

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 4: RM-cores

NBN EN ISO 10320:2019

Geosynthetics - Identification on site (ISO 10320:2019)

vervangt NBN EN ISO 10320:1999 (1e uitgave)

NBN EN ISO 11073-10425:2019

Health informatics - Personal health device communication - Part 10425: Device specialization - Continuous glucose monitor (CGM) (ISO/IEEE 11073-10425:2019)

vervangt NBN EN ISO 11073-10425:2016

NBN EN ISO 11138-7:2019

Sterilization of health care products - Biological indicators - Part 7: Guidance for the selection, use and interpretation of results (ISO 11138-7:2019)

vervangt NBN EN ISO 14161:2009 (2e uitgave)

NBN EN ISO 11177:2019

Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing (ISO 11177:2019)

vervangt NBN EN ISO 11177:2016

NBN EN ISO 1183-1:2019

Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1:2019)

vervangt NBN EN ISO 1183-1:2013 (2e uitgave)

NBN EN ISO 1183-2:2019

Plastics - Methods for determining the density of non-cellular plastics - Part 2: Density gradient column method (ISO 1183-2:2019)

vervangt NBN EN ISO 1183-2:2004 (1e uitgave)

NBN EN ISO 12010:2019

Water quality - Determination of short-chain polychlorinated alkanes (SCCP) in water - Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI) (ISO 12010:2019)

vervangt NBN EN ISO 12010:2014 (1e uitgave)

NBN EN ISO 13851:2019

Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)

vervangt NBN EN 574+A1:2008 (2e uitgave)

NBN EN ISO 14816:2005/A1:2019

Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure - Amendment 1 (ISO 14816:2005/Amd 1:2019)

NBN EN ISO 14851:2019

Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer (ISO 14851:2019)

vervangt NBN EN ISO 14851:2004 (1e uitgave)

NBN EN ISO 15023-2:2019

Plastics - Poly(vinyl alcohol) (PVAL) materials - Part 2: Determination of properties (ISO 15023-2:2019)

vervangt NBN EN ISO 15023-2:2006 (1e uitgave)

NBN EN ISO 15118-1:2019

Road vehicles - Vehicle to grid communication interface - Part 1: General information and use-case definition (ISO 15118-1:2019)

vervangt NBN EN ISO 15118-1:2015 (1e uitgave)

NBN EN ISO 15708-1:2019

Non-destructive testing - Radiation methods for computed tomography - Part 1: Terminology (ISO 15708-1:2017)

vervangt NBN EN 16016-1:2011 (1e uitgave)

NBN EN ISO 15708-2:2019

Non-destructive testing - Radiation methods for Computed tomography - Part 2: Principles, equipment and samples (ISO 15708-2:2017)

vervangt NBN EN 16016-2:2011 (1e uitgave)

NBN EN ISO 15708-3:2019

Non-destructive testing - Radiation methods for computed tomography - Part 3: Operation and interpretation (ISO 15708-3:2017)

vervangt NBN EN 16016-3:2011 (1e uitgave)

NBN EN ISO 17072-1:2019

Leather - Chemical determination of metal content - Part 1: Extractable metals (ISO 17072-1:2019)

vervangt NBN EN ISO 17072-1:2011 (1e uitgave)

NBN EN ISO 17072-2:2019

Leather - Chemical determination of metal content - Part 2: Total metal content (ISO 17072-2:2019)

vervangt NBN EN ISO 17072-2:2011 (1e uitgave)

NBN EN ISO 20976-1:2019

Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 1: Challenge tests to study growth potential, lag time and maximum growth rate (ISO 20976-1:2019)

NBN EN ISO 21304-1:2019

Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 21304-1:2019)

vervangt NBN EN ISO 11542-1:2001 (1e uitgave)

NBN EN ISO 21306-1:2019

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 21306-1:2019)

vervangt NBN EN ISO 1163-1:1999 (1e uitgave)

NBN EN ISO 21306-2:2019

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 21306-2:2019)

vervangt NBN EN ISO 1163-2:1999 (1e uitgave)

NBN EN ISO 22568-1:2019

Foot and leg protectors - Requirements and test methods for footwear components - Part 1: Metallic toecaps (ISO 22568-1:2019)

vervangt NBN EN 12568:2010 (2e uitgave)

NBN EN ISO 22568-2:2019

Foot and leg protectors - Requirements and test methods for footwear component - Part 2: Non-metallic toecaps (ISO 22568-2:2019)

vervangt NBN EN 12568:2010 (2e uitgave)

NBN EN ISO 22568-3:2019

Foot and leg protectors - Requirements and test methods for footwear components - Part 3: Metallic perforation resistant inserts (ISO 22568-3:2019)

vervangt NBN EN 12568:2010 (2e uitgave)

NBN EN ISO 22568-4:2019

Foot and leg protectors - Requirements and test methods for footwear components - Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019)

vervangt NBN EN 12568:2010 (2e uitgave)

NBN EN ISO 22700:2019

Leather - Measuring the colour and colour difference of finished leather (ISO 22700:2019)

NBN EN ISO 2376:2019

Anodizing of aluminium and its alloys - Determination of breakdown voltage and withstand voltage (ISO 2376:2019)

vervangt NBN EN ISO 2376:2010 (1e uitgave)

NBN EN ISO 25178-600:2019

Geometrical product specifications (GPS) - Surface texture: Areal - Part 600: Metrological characteristics for areal-topography measuring methods (ISO 25178-600:2019)

NBN EN ISO 25178-607:2019

Geometrical product specifications (GPS) - Surface texture: Areal - Part 607: Nominal characteristics of non-contact (confocal microscopy) instruments (ISO 25178-607:2018)

NBN EN ISO 2553:2019

Welding and allied processes - Symbolic representation on drawings  
- Welded joints (ISO 2553:2019)

vervangt NBN EN ISO 2553:2014 (1e uitgave)  
NBN EN ISO 26082-1:2019

Leather - Physical and mechanical test methods for the determination  
of soiling - Part 1: Rubbing (Martindale) method (ISO 26082-1:2019)

vervangt NBN EN ISO 26082-1:2012 (2e uitgave)  
NBN EN ISO 3405:2019

Petroleum and related products from natural or synthetic sources -  
Determination of distillation characteristics at atmospheric pressure  
(ISO 3405:2019)

vervangt NBN EN ISO 3405:2011 (6e uitgave)  
NBN EN ISO 4491-4:2019

Metallic powders - Determination of oxygen content by reduction  
methods - Part 4: Total oxygen by reduction-extraction (ISO 4491-  
4:2019)

vervangt NBN EN ISO 4491-4:2013 (2e uitgave)  
NBN EN ISO 7492:2019

Dentistry - Dental explorer (ISO 7492:2019)

vervangt NBN EN ISO 7492:2018  
NBN EN ISO 8289-2:2019

Vitreous and porcelain enamels - Low-voltage test for detecting and  
locating defects - Part 2: Slurry test for profiled surfaces (ISO 8289-  
2:2019)

NBN EN ISO 846:2019  
Plastics - Evaluation of the action of microorganisms (ISO 846:2019)

vervangt NBN EN ISO 846:1997 (1e uitgave)  
NBN EN ISO 8560:2019

Technical drawings - Construction drawings - Representation of  
modular sizes, lines and grids (ISO 8560:2019)

vervangt NBN EN ISO 8560:1999 (2e uitgave)  
NBN EN ISO 9092:2019

Nonwovens - Vocabulary (ISO 9092:2019)

vervangt NBN EN ISO 9092:2011 (2e uitgave)  
NBN EN ISO 9241-220:2019

Ergonomics of human-system interaction - Part 220: Processes for  
enabling, executing and assessing human-centred design within orga-  
nizations (ISO 9241-220:2019)

NBN ISO 13008:2019

Information and documentation -- Digital records conversion and  
migration process

NBN ISO 15489-1:2019

Information and documentation -- Records management -- Part 1:  
Concepts and principles

NBN ISO 17840-2:2019

Wegvoertuigen - Informatie voor hulpverleners- Deel 2: Reddingska-  
art voor lijnbussen, toerbussen en zware bedrijfsvoertuigen

NBN ISO 17840-3:2019

Wegvoertuigen - Informatie voor hulpverleners- Deel 3: Template  
voor de handleiding voor noodhulp

NBN ISO 23081-1:2019

Information and documentation -- Records management processes --  
Metadata for records -- Part 1: Principles

NBN ISO 23081-2:2019

Information and documentation -- Managing metadata for records --  
Part 2: Conceptual and implementation issues

NBN ISO 30301:2019

Information and documentation -- Management systems for records --  
Requirements

NBN ISO 3046-5:2019

Reciprocating internal combustion engines -- Performance -- Part 5:  
Torsional vibrations

NBN ISO 8528-1:2019

Reciprocating internal combustion engine driven alternating current  
generating sets -- Part 1: Application, ratings and performance

NBN ISO/TR 13028:2019

Information and documentation - Implementation guidelines for  
digitization of records

NBN ISO/TR 18128:2019

Information and documentation -- Risk assessment for records processes and systems

NBN ISO/TR 21946:2019

Information and documentation -- Appraisal for managing records

NBN ISO/TR 21965:2019

Information and documentation -- Records management in enterprise architecture

NBN ISO/TR 26122:2019

Information and documentation -- Work process analysis for records

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 137000:2008 (1e uitgave)

NBN EN 137100:2008 (1e uitgave)

NBN EN 137101:2008 (1e uitgave)

NBN EN 23878:1993 (1e uitgave)

NBN EN 50152-3-2:2001 (1e uitgave)

NBN EN 50152-3-3:2001 (1e uitgave)

NBN EN 50272-1:2010 (1e uitgave)

NBN EN 50272-2:2001 (1e uitgave)

NBN EN 50272-4:2007 (1e uitgave)

NBN EN 50310:2010 (3e édition)

NBN EN 50311:2003 (1e uitgave)

NBN EN 60384-14-1:2006 (1e uitgave)

NBN EN 60384-14-3:2006 (1e uitgave)

NBN EN 60519-2:2007 (2e uitgave)

NBN EN 60519-21:2009 (2e uitgave)

NBN EN 60728-5:2008 (3e uitgave)

NBN EN 60958-4/A1:2008 (2e uitgave)

NBN EN 60958-4:2005 (2e uitgave)

NBN EN 61192-1:2004 (1e uitgave)

NBN EN 61192-2:2004 (1e uitgave)

NBN EN 61192-3:2004 (1e uitgave)

NBN EN 61192-4:2004 (1e uitgave)

NBN EN 61192-5:2007 (1e uitgave)

NBN EN 61291-2:2012 (3e uitgave)

NBN EN 61377-1:2006 (2e uitgave)

NBN EN 61377-2:2003 (1e uitgave)

NBN EN 61377-3:2003 (1e uitgave)

NBN EN 61788-4:2011 (3e uitgave)

NBN EN 62056-53:2007 (2e uitgave)

NBN EN 62087:2012 (4e uitgave)

NBN EN 62446:2010 (1e uitgave)

NBN EN 62572-3:2014 (2e uitgave)

NBN EN ISO 14915-3:2002 (1e uitgave)

NBN EN ISO 9097:2017