

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

[C – 2018/11939]

**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 12480:2018

Gas meters - Rotary displacement gas meters

vervangt NBN EN 12480:2015 (2e uitgave)

NBN EN 12691:2018

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Determination of resistance to impact

vervangt NBN EN 12691:2006 (2e uitgave)

NBN EN 12999:2011+A2:2018

Cranes - Loader cranes

vervangt NBN EN 12999+A1:2012 (3e uitgave)

NBN EN 13001-3-6:2018

Cranes - General design - Part 3-6: Limit states and proof of competence of machinery - Hydraulic cylinders

NBN EN 13158:2018

Protective clothing - Protective jackets, body and shoulder protectors for equestrian use, for horse riders and those working with horses, and for horse drivers - Requirements and test methods

vervangt NBN EN 13158:2009 (2e uitgave)

NBN EN 13207:2018

Plastics - Thermoplastic silage films and tubes for use in agriculture

vervangt NBN EN 13207:2001 (1e uitgave)

NBN EN 13655:2018

Plastics - Thermoplastic mulch films recoverable after use, for use in agriculture and horticulture

vervangt NBN EN 13655:2002 (1e uitgave)

NBN EN 1568-1:2018

Fire extinguishing media - Foam concentrates - Part 1: Specification for medium expansion foam concentrates for surface application to water-immiscible liquids

vervangt NBN EN 1568-1:2008 (2e uitgave)

NBN EN 1568-2:2018

Fire extinguishing media - Foam concentrates - Part 2: Specification for high expansion foam concentrates for surface application to water-immiscible liquids

vervangt NBN EN 1568-2:2008 (2e uitgave)

NBN EN 1568-4:2018

Fire extinguishing media - Foam concentrates - Part 4: Specification for low expansion foam concentrates for surface application to water-miscible liquids

vervangt NBN EN 1568-4:2008 (2e uitgave)

NBN EN 1646-1:2018

Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety

vervangt NBN EN 1646-1:2012 (4e uitgave)

NBN EN 16719:2018

Transport platforms

NBN EN 17049:2018

Animal feeding stuffs: Methods of sampling and analysis - Identification of tylosin, spiramycin, virginiamycin, carbadox and olaquinoxid at sub-additive levels in compound feed - Confirmatory analysis by LC-MS

NBN EN 1794-1:2018

Road traffic noise reducing devices - Non-acoustic performance - Part 1: Mechanical performance and stability requirements

vervangt NBN EN 1794-1:2011 (3e uitgave)

NBN EN 302 054:2018

Meteorological Aids (Met Aids) - Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW - Harmonised Standard for access to radio spectrum

NBN EN 305 174-1:2018

Access, Terminals, Transmission and Multiplexing (ATTM) - Broadband Deployment and Lifecycle Resource Management - Part 1: Overview, common and generic aspects

NBN EN 305 174-2:2018

Access, Terminals, Transmission and Multiplexing (ATTM) - Broadband Deployment and Lifecycle Resource Management - Part 2: ICT Sites

NBN EN 305 200-2-1:2018

Access, Terminals, Transmission and Multiplexing (ATTM) - Energy management - Operational infrastructures - Global KPIs - Part 2: Specific requirements - Sub-part 1: ICT Sites

NBN EN 305 200-3-1:2018

Access, Terminals, Transmission and Multiplexing (ATTM) - Energy management - Operational infrastructures - Global KPIs - Part 3: ICT Sites - Sub-part 1: DCEM

NBN EN 50321-1:2018

Live working - Footwear for electrical protection - Insulating footwear and overboots

NBN EN 50364:2018

Product standard for human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

NBN EN 50569:2014/A1:2018

Household and similar electrical appliances - Safety - Particular requirements for commercial electric spin extractors

NBN EN 50570:2014/A1:2018

Household and similar electrical appliances - Safety - Particular requirements for commercial electric tumble dryers

NBN EN 50571:2014/A1:2018

Household and similar electrical appliances - Safety - Particular requirements for commercial electric washing machines

NBN EN 50629:2015/A2:2018

Energy performance of large power transformers ( $U_m > 36$  kV or  $S_r \geq 40$  MVA)

NBN EN 50636-2-107:2015/A1:2018

Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers

NBN EN 60598-1:2015/A1:2018

Luminaires - Part 1: General requirements and tests

NBN EN 60669-1:2018

Switches for household and similar fixed electrical installations - Part 1: General requirements

NBN EN 62489-1:2010/A2:2018

Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components

NBN EN 63029:2017/AC:2018-03

Audio, video and multimedia systems and equipment - Multimedia e-publishing and e-book technologies - Raster-graphics image-based e-books

NBN EN 71-7:2014+A2:2018  
Safety of toys - Part 7: Finger paints - Requirements and test methods

vervangt NBN EN 71-7:2014+A1:2017  
NBN EN 736-1:2018  
Valves - Terminology - Part 1: Definition of types of valves

vervangt NBN EN 736-1:1995 (1e uitgave)  
NBN EN IEC 60068-2-52:2018  
Environmental testing - Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)

NBN EN IEC 60099-8:2018  
Surge arresters - Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV

NBN EN IEC 60118-4:2015/A1:2018  
Electroacoustics - Hearing aids - Part 4: Induction-loop systems for hearing aid purposes - System performance requirements

NBN EN IEC 60519-12:2018  
Safety in installations for electroheating and electromagnetic processing - Part 12: Particular requirements for infrared electroheating

NBN EN IEC 60728-3:2018  
Cable networks for television signals, sound signals and interactive services - Part 3: Active wideband equipment for cable networks (TA 5)

NBN EN IEC 60793-1-45:2018  
Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter

NBN EN IEC 60793-1-47:2018  
Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss

NBN EN IEC 60809:2015/A2:2018  
Lamps for road vehicles - Dimensional, electrical and luminous requirements

NBN EN IEC 60810:2018  
Lamps, light sources and led packages for road vehicles - Performance requirements

NBN EN IEC 61938:2018  
Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability

NBN EN IEC 62056-6-2:2018  
Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes

NBN EN IEC 62148-1:2018  
Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance

NBN EN IEC 62386-332:2018  
Digital addressable lighting interface - Part 332: Particular requirements - Input devices - Feedback

NBN EN IEC 62554:2011/A1:2018  
Sample preparation for measurement of mercury level in fluorescent lamps

NBN EN IEC 62822-3:2018  
Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment

NBN EN IEC 62828-1:2018  
Reference conditions and procedures for testing industrial and process measurement transmitters - Part 1: General procedures for all types of transmitters

NBN EN IEC 62828-2:2018  
Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters

NBN EN IEC 62919:2018  
Content management - Monitoring and management of personal digital content

NBN EN IEC 62969-1:2018  
Semiconductor devices - Semiconductor interface for automotive vehicles - Part 1: General requirements of power interface for automotive vehicle sensors

NBN EN ISO 10619-1:2018  
 Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 1: Bending tests at ambient temperature (ISO 10619-1:2017)

vervangt NBN EN ISO 10619-1:2012 (1e uitgave)

NBN EN ISO 11296-2:2018

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 2: Lining with continuous pipes (ISO 11296-2:2018)

vervangt NBN EN 13566-2:2006 (1e uitgave)

NBN EN ISO 11296-4:2018

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (ISO 11296-4:2018)

vervangt NBN EN ISO 11296-4:2011 (1e uitgave)

NBN EN ISO 11297-2:2018

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes (ISO 11297-2:2018)

NBN EN ISO 11297-4:2018

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 4: Lining with cured-in-place pipes (ISO 11297-4:2018)

NBN EN ISO 11298-2:2018

Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes (ISO 11298-2:2018)

NBN EN ISO 11363-1:2018

Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications (ISO 11363-1:2018)

vervangt NBN EN ISO 11363-1:2010 (1e uitgave)

NBN EN ISO 11666:2018

Non-destructive testing of welds - Ultrasonic testing - Acceptance levels (ISO 11666:2018)

vervangt NBN EN ISO 11666:2011 (1e uitgave)

NBN EN ISO 12138:2018

Textiles - Domestic laundering procedures for textile fabrics prior to flammability testing (ISO 12138:2017)

vervangt NBN EN ISO 12138:1997 (1e uitgave)

NBN EN ISO 12944-6:2018

Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 6: Laboratory performance test methods (ISO 12944-6:2018)

vervangt NBN EN ISO 12944-6:1998 (1e uitgave)

NBN EN ISO 12944-9:2018

Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 9: Protective paint systems and laboratory performance test methods for offshore and related structures (ISO 12944-9:2018)

NBN EN ISO 13897:2018

Dentistry - Dental amalgam reusable mixing-capsules (ISO 13897:2018)

vervangt NBN EN ISO 13897:2004 (1e uitgave)

NBN EN ISO 14688-1:2018

Geotechnical investigation and testing - Identification and classification of soil - Part 1: Identification and description (ISO 14688-1:2017)

vervangt NBN EN ISO 14688-1:2002 (1e uitgave), NBN EN ISO 14688-1/A1:2013 (1e uitgave)

NBN EN ISO 14688-2:2018

Geotechnical investigation and testing - Identification and classification of soil - Part 2: Principles for a classification (ISO 14688-2:2017)

vervangt NBN EN ISO 14688-2:2004 (1e uitgave), NBN EN ISO 14688-2/A1:2013 (1e uitgave)

NBN EN ISO 14689:2018

Geotechnical investigation and testing - Identification, description and classification of rock (ISO 14689:2017)

vervangt NBN EN ISO 14689-1:2004 (1e uitgave)

NBN EN ISO 15797:2018  
 Textiles - Industrial washing and finishing procedures for testing of workwear (ISO 15797:2017)  
 vervangt NBN EN ISO 15797:2004 (1e uitgave)  
 NBN EN ISO 16092-3:2018  
 Machine tools safety - Presses - Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017)  
 vervangt NBN EN 693+A2:2011 (3e uitgave)  
 NBN EN ISO 17601:2018  
 Soil quality - Estimation of abundance of selected microbial gene sequences by quantitative PCR from DNA directly extracted from soil (ISO 17601:2016)

NBN EN ISO 17892-7:2018  
 Geotechnical investigation and testing - Laboratory testing of soil - Part 7: Unconfined compression test (ISO 17892-7:2017)  
 vervangt NBN CEN ISO/TS 17892-7:2005 (1e uitgave)  
 NBN EN ISO 18187:2018  
 Soil quality - Contact test for solid samples using the dehydrogenase activity of *Arthrobacter globiformis* (ISO 18187:2016)  
 NBN EN ISO 18311:2018  
 Soil quality - Method for testing effects of soil contaminants on the feeding activity of soil dwelling organisms - Bait-lamina test (ISO 18311:2016)  
 NBN EN ISO 18541-6:2018  
 Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 6: L-Category vehicle specific RMI use cases and requirements (ISO 18541-6:2018)

NBN EN ISO 19023:2018  
 Dentistry - Orthodontic anchor screws (ISO 19023:2018)

NBN EN ISO 19115-1:2014/A1:2018  
 Geographic information - Metadata - Part 1: Fundamentals - Amendment 1 (ISO 19115-1:2014/Amd 1:2018)  
 NBN EN ISO 20126:2012/A1:2018  
 Dentistry - Manual toothbrushes - General requirements and test methods - Amendment 1 (ISO 20126:2012/Amd 1:2018)

NBN EN ISO 20701:2018  
 Leather - Tests for colour fastness - Colour fastness to saliva (ISO 20701:2017)  
 NBN EN ISO 23537-1:2016/A1:2018  
 Requirements for sleeping bags - Part 1: Thermal and dimensional requirements - Amendment 1 (ISO 23537-1:2016/Amd 1:2018)  
 NBN EN ISO 28017:2018  
 Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications - Specification (ISO 28017:2018)  
 vervangt NBN EN ISO 28017:2012 (1e uitgave), NBN EN ISO 28017/A1:2015 (1e uitgave)  
 NBN EN ISO 389-1:2018  
 Acoustics - Reference zero for the calibration of audiometric equipment - Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones (ISO 389-1:2017)

vervangt NBN EN ISO 389-1:2000 (2e uitgave)  
 NBN EN ISO 7492:2018  
 Dentistry - Dental explorer (ISO 7492:2018)

vervangt NBN EN ISO 7492:1998 (1e uitgave)  
 NBN EN ISO 7599:2018  
 Anodizing of aluminium and its alloys - Method for specifying decorative and protective anodic oxidation coatings on aluminium (ISO 7599:2018)  
 vervangt NBN EN ISO 7599:2010 (1e uitgave)  
 NBN EN ISO 80601-2-55:2018  
 Medical electrical equipment - Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 80601-2-55:2018)  
 vervangt NBN EN ISO 80601-2-55:2012 (1e uitgave)  
 NBN EN ISO 8099-1:2018  
 Small craft - Waste systems - Part 1: Waste water retention (ISO 8099-1:2018)  
 vervangt NBN EN ISO 8099:2001 (1e uitgave)

NBN EN ISO 945-1:2018

Microstructure of cast irons - Part 1: Graphite classification by visual analysis (ISO 945-1:2017)

vervangt NBN EN ISO 945-1:2009 (2e uitgave)

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 130200:2008 (1e uitgave)

NBN EN 130201:2008 (1e uitgave)

NBN EN 130202:1998 (1e uitgave)

NBN EN 50491-1:2014 (1e uitgave)

NBN EN 55013:2013/A1:2016

NBN ISO 31000 NL:2014 (1e uitgave)