

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

[C - 2018/13592]

**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 10277:2018

Bright steel products - Technical delivery conditions vervangt NBN EN 10277-1:2008 (2e uitgave), NBN EN 10277-2:2008 (2e uitgave), NBN EN 10277-3:2008 (2e uitgave), NBN EN 10277-4:2008 (2e uitgave), NBN EN 10277-5:2008 (2e uitgave),

NBN EN 1090-2:2018

Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures vervangt NBN EN 1090-2+A1 NL:2013 (3e uitgave)

NBN EN 12493:2013+A2:2018

LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture

NBN EN 12665:2018

Light and lighting - Basic terms and criteria for specifying lighting requirements vervangt NBN EN 12665:2011 (2e uitgave)

NBN EN 12697-12:2018

Bituminous mixtures - Test methods - Part 12: Determination of the water sensitivity of bituminous specimens vervangt NBN EN 12697-12:2008 (2e uitgave)

NBN EN 12697-24:2018

Bituminous mixtures - Test methods - Part 24: Resistance to fatigue vervangt NBN EN 12697-24:2012 (3e uitgave)

NBN EN 12697-26:2018

Bituminous mixtures - Test methods - Part 26: Stiffness vervangt NBN EN 12697-26:2012 (2e uitgave)

NBN EN 13231-5:2018

Railway applications - Track - Acceptance of works - Part 5: Procedures for rail reprofiling in plain line, switches, crossings and expansion devices

NBN EN 13285:2018

Unbound mixtures - Specifications vervangt NBN EN 13285:2010 (2e uitgave)

NBN EN 13302:2018

Bitumen and bituminous binders - Determination of dynamic viscosity of bituminous binder using a rotating spindle apparatus vervangt NBN EN 13302:2010 (2e uitgave)

NBN EN 13589:2018

Bitumen and bituminous binders - Determination of the tensile properties of modified bitumen by the force ductility method vervangt NBN EN 13703:2004 (1e uitgave), NBN EN 13589:2008 (2e uitgave)

NBN EN 13684:2018

Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety

NBN EN 13765:2018

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification vervangt NBN EN 13765+A1:2015 (3e uitgave)

NBN EN 13880-13:2018

Hot applied joint sealants - Part 13: Test method for the determination of the discontinuous extension (adherence test) vervangt NBN EN 13880-13:2003 (1e uitgave)

NBN EN 13976-1:2018

Rescue systems - Transportation of incubators - Part 1: Interface requirements vervangt NBN EN 13976-1:2011 (2e uitgave)

NBN EN 13976-2:2018

Rescue systems - Transportation of incubators - Part 2: System requirements vervangt NBN EN 13976-2:2011 (2e uitgave)

NBN EN 14116:2012+A2:2018

Tanks for transport of dangerous goods - Digital interface for product recognition devices for liquid fuels vervangt NBN EN 14116+A1:2014 (6e uitgave)

NBN EN 14325:2018

Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages vervangt NBN EN 14325:2004 (1e uitgave)

NBN EN 1440:2016+A1:2018

LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection vervangt NBN EN 1440:2016

NBN EN 1451-1:2017/AC:2018

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

NBN EN 14903:2018

Surfaces for sports areas - Multi-sports floor systems for indoor use - Test method for determination of rotational friction

NBN EN 15940:2016+A1:2018

Automotive fuels - Paraffinic diesel fuel from synthesis or hydrotreatment - Requirements and test methods vervangt NBN EN 15940:2016

NBN EN 16181:2018

Soil, treated biowaste and sludge - Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high performance liquid chromatography (HPLC)

NBN EN 16657:2016+A1:2018

Tanks for the transport of dangerous goods - Transport tank equipment for overfill prevention devices for static tanks vervangt NBN EN 16657:2016

NBN EN 16727-1:2018

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 1: Mechanical performance under static loadings - Calculation and test method

NBN EN 16727-2-1:2018

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 2-1: Mechanical performance under dynamic loadings due to passing trains - Resistance to fatigue

NBN EN 16728:2016+A1:2018

LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection vervangt NBN EN 16728:2016

NBN EN 16844:2017+A1:2018

Aesthetic medicine services - Non-surgical medical treatments vervangt NBN EN 16844:2017

NBN EN 16951-2:2018

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Procedures for assessing long term performance - Part 2: Non-acoustic characteristics

NBN EN 16952:2018

Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety

NBN EN 16989:2018

Railway applications - Fire protection on railway vehicles - Fire behaviour test for a complete seat

NBN EN 17036:2018

Conservation of Cultural Heritage - Artificial ageing by simulated solar radiation of the surface of untreated or treated porous inorganic materials

NBN EN 17041:2018

Fertilizers - Determination of boron in concentrations ≤ 10 % using spectrometry with azomethine-H

NBN EN 17042:2018

Fertilizers - Determination of boron in concentrations > 10 % using acidimetric titration

NBN EN 17043:2018

Fertilizers - Determination of molybdenum in concentrations ≤ 10 % using spectrometry of a complex with ammonium thiocyanate

NBN EN 17059:2018

Plating and anodizing lines - Safety requirements

NBN EN 17065:2018

Railway applications - Braking - Passenger coach test procedure

NBN EN 1793-2:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions vervangt NBN EN 1793-2:2013 (2e uitgave)

NBN EN 1793-6:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions vervangt NBN EN 1793-6:2013 (1e uitgave)

NBN EN 3264:2018

Aerospace series - Pipe coupling 8°30' in titanium alloy - Thrust wire nuts vervangt NBN EN 3264:2010 (2e uitgave)

NBN EN 60068-2-10:2006/A1:2018

Environmental testing - Part 2-10: Tests - Test J and guidance: Mould growth

NBN EN 60068-2-74:1999/A1:2018

Environmental testing - Part 2-74: Tests - Test Xc: Fluid contamination

NBN EN 62439-2:2017/AC:2018-07 Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

NBN EN 62751-1:2015/A1:2018

Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements

NBN EN 71-1:2014+A1:2018

Safety of toys - Part 1: Mechanical and physical properties vervangt NBN EN 71-1:2015 (13e uitgave)

NBN EN 71-3:2013+A3:2018

Safety of toys - Part 3: Migration of certain elements vervangt NBN EN 71-3:2013+A2:2017

NBN EN 9133:2018

Aerospace series - Quality Management Systems - Qualification Procedure for Aerospace Standard Products vervangt NBN EN 9133:2005 (1e uitgave)

NBN EN 9162:2018

Aerospace series - Aerospace Operator Self-Verification Programs

NBN EN 9300-002:2018

Aerospace series - LOTAR - Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 002: Requirements

NBN EN 9300-010:2018

Aerospace series - LOTAR - LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 010: Overview Data Flow

NBN EN 9300-110:2018

Aerospace series - LOTAR - LOnG Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 110: CAD mechanical 3D Explicit geometry information

NBN EN IEC 60974-9:2018

Arc welding equipment - Part 9: Installation and use

NBN EN IEC 61010-2-201:2018

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment

NBN EN IEC 61730-1:2018/AC:2018-07 Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction

NBN EN IEC 61730-2:2018/AC:2018-07 Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing

NBN EN IEC 61970-302:2018

Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics

NBN EN IEC 62228-1:2018

Integrated circuits - EMC evaluation of transceivers - Part 1: General conditions and definitions

NBN EN IEC 62386-207:2018

Digital addressable lighting interface - Part 207: Particular requirements for control gear - LED modules (device type 6)

NBN EN IEC 62386-216:2018

Digital addressable lighting interface - Part 216: Particular requirements for control gear - Load referencing (device type 15)

NBN EN IEC 62386-222:2018

Digital addressable lighting interface - Part 222: Particular requirements for control gear - Thermal lamp protection (device type 21)

NBN EN IEC 62386-333:2018

Digital addressable lighting interface - Part 333: Particular requirements for control devices - Manual configuration (feature type 33)

NBN EN IEC 62576:2018

Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics

NBN EN IEC 62680-1-2:2018

Universal Serial Bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery Specification

NBN EN IEC 62680-1-4:2018

Universal Serial Bus interfaces for data and power - Part 1-4: Common Components - USB Type-C™ Authentication Specification

NBN EN IEC 62820-3-1:2018

Building intercom systems - Part 3-1: Application guidelines - General

NBN EN IEC 62820-3-2:2018

Building intercom systems - Part 3-2: Application guidelines - Advanced security building intercom systems (ASBIS)

NBN EN IEC 62969-3:2018

Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors

NBN EN IEC 80601-2-71:2018

Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional near-infrared spectroscopy (NIRS) equipment

NBN EN ISO 10637:2018

Dentistry - Central suction source equipment (ISO 10637:2018) vervangt NBN EN ISO 10637:2001 (1e uitgave)

NBN EN ISO 13259:2018

Thermoplastics piping systems for underground non-pressure applications - Test method for leaktightness of elastomeric sealing ring type joints (ISO 13259:2018) vervangt NBN EN 1277:2004 (2e uitgave)

NBN EN ISO 13766-1:2018

Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 1: General EMC requirements under typical electromagnetic environmental conditions (ISO 13766-1:2018) vervangt NBN EN 13309:2010 (2e uitgave)

NBN EN ISO 13766-2:2018

Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018) vervangt NBN EN 13309:2010 (2e uitgave)

NBN EN ISO 14918:2018

Thermal spraying - Qualification testing of thermal sprayers (ISO 14918:2018) vervangt NBN EN ISO 14918:1998 (1e uitgave)

NBN EN ISO 16147:2018

Small craft - Inboard diesel engines - Engine-mounted fuel, oil and electrical components (ISO 16147:2018) vervangt NBN EN ISO 16147:2017

NBN EN ISO 16380:2018

Road vehicles - Blended fuels refuelling connector (ISO 16380:2014, including Amd 1:2016)

NBN EN ISO 17419:2018

Intelligent transport systems - Cooperative systems - Globally unique identification (ISO 17419:2018)

NBN EN ISO 17423:2018

Intelligent transport systems - Cooperative systems - Application requirements and objectives (ISO 17423:2018)

NBN EN ISO 18618:2018

Dentistry - Interoperability of CAD/CAM systems (ISO 18618:2018)

NBN EN ISO 18640-1:2018

Protective clothing for firefighters - Physiological impact - Part 1: Measurement of coupled heat and moisture transfer with the sweating torso (ISO 18640-1:2018)

NBN EN ISO 18750:2018

Intelligent transport systems - Co-operative ITS - Local dynamic map (ISO 18750:2018)

NBN EN ISO 1891-4:2018

Fasteners - Vocabulary - Part 4: Control, inspection, delivery, acceptance and quality (ISO 1891-4:2018)

NBN EN ISO 19146:2018

Geographic information - Cross-domain vocabularies (ISO 19146:2018) vervangt NBN EN ISO 19146:2010 (1e uitgave)

NBN EN ISO 22000:2018

Food safety management systems - Requirements for any organization in the food chain (ISO 22000:2018) vervangt NBN EN ISO 22000:2005 (1e uitgave), NBN EN ISO 22000 NL:2014 (1e uitgave)

NBN EN ISO 2555:2018

Plastics - Resins in the liquid state or as emulsions or dispersions - Determination of apparent viscosity using a single cylinder type rotational viscometer method (ISO 2555:2018) vervangt NBN EN ISO 2555:1999 (1e uitgave)

NBN EN ISO 29988-1:2018

Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 29988-1:2018) vervangt NBN EN ISO 9988-1:2006 (1e uitgave)

NBN EN ISO 29988-2:2018

Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 29988-2:2018) vervangt NBN EN ISO 9988-2:2015 (1e uitgave)

NBN EN ISO 4045:2018

Leather - Chemical tests - Determination of pH and difference figure (ISO 4045:2018) vervangt NBN EN ISO 4045:2008 (2e uitgave)

NBN EN ISO 41012:2018

Facility management - Guidance on strategic sourcing and the development of agreements (ISO 41012:2017) vervangt NBN EN 15221-2:2007 (1e uitgave)

NBN EN ISO 4254-5:2018

Agricultural machinery - Safety - Part 5: Power-driven soil-working machines (ISO 4254-5:2018) vervangt NBN EN ISO 4254-5:2010 (1e uitgave)

NBN EN ISO 5458:2018

Geometrical product specifications (GPS) - Geometrical tolerancing - Pattern and combined geometrical specification (ISO 5458:2018) vervangt NBN EN ISO 5458:1999 (1e uitgave)

NBN EN ISO 5667-3:2018

Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO 5667-3:2018) vervangt NBN EN ISO 5667-3:2013 (4e uitgave)

NBN EN ISO 683-1:2018

Heat-treatable steels, alloy steels and free-cutting steels - Part 1: Non-alloy steels for quenching and tempering (ISO 683-1:2016) vervangt NBN EN 10083-1:2007 (4e uitgave), NBN EN 10083-2:2007 (4e uitgave)

NBN EN ISO 683-2:2018

Heat-treatable steels, alloy steels and free-cutting steels - Part 2: Alloy steels for quenching and tempering (ISO 683-2:2016) vervangt NBN EN 10083-3:2007 (2e uitgave), NBN EN 10083-1:2007 (4e uitgave)

NBN EN ISO 683-3:2018

Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels (ISO 683-3:2016) vervangt NBN EN 10084:2008 (2e uitgave)

NBN EN ISO 683-4:2018

Heat-treatable steels, alloy steels and free-cutting steels - Part 4: Free-cutting steels (ISO 683-4:2016) vervangt NBN EN 10087:1999 (1e uitgave)

NBN EN ISO 877-3:2018

Plastics - Methods of exposure to solar radiation - Part 3: Intensified weathering using concentrated solar radiation (ISO 877-3:2018) vervangt NBN EN ISO 877-3:2011 (1e uitgave)

NBN EN ISO 888:2018

Fasteners - Bolts, screws and studs - Nominal lengths and thread lengths (ISO 888:2012)

NBN EN ISO 898-3:2018

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes (ISO 898-3:2018)

NBN ISO 17840-1:2018

Wegvoertuigen - Informatie voor hulpverleners- Deel 1: Reddingskaart voor personenauto's en lichte bedrijfsvoertuigen

NBN ISO 17840-4:2018

Wegvoertuigen - Informatie voor hulpverleners- Deel 4: Identificatie van de aandrijfenergie

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 60143-1:2004 (3e uitgave)

NBN EN 60793-2-30 (3e uitgave)