

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

[C - 2018/12952]

**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 1011-8:2018

Welding - Recommendations for welding of metallic materials - Part 8: Welding of cast irons

vervangt NBN EN 1011-8:2005 (1e uitgave)

NBN EN 1092-1:2018

Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 1: Steel flanges

vervangt NBN EN 1092-1+A1:2013 (3e uitgave), NBN EN 1092-1+A1/AC:2014 (1e uitgave)

NBN EN 12216:2018

Shutters, external blinds, internal blinds - Terminology, glossary and definitions

vervangt NBN EN 12216:2002 (1e uitgave)

NBN EN 12467:2012+A2:2018

Fibre-cement flat sheets - Product specification and test methods

vervangt NBN EN 12467:2012+A1:2016

NBN EN 12977-4:2018

Thermal solar systems and components - Custom built systems - Part 4: Performance test methods for solar combistores

vervangt NBN EN 12977-4:2012 (1e uitgave)

NBN EN 13135:2013+A1:2018

Cranes - Safety - Design - Requirements for equipment

vervangt NBN EN 13135:2013 (1e uitgave)

NBN EN 13369:2018

Common rules for precast concrete products

vervangt NBN EN 13369:2013 (3e uitgave), NBN EN 13369 NL:2015

NBN EN 1366-11:2018

Fire resistance tests for service installations - Part 11: Fire protective systems for cable systems and associated components

NBN EN 14399-10:2018

High-strength structural bolting assemblies for preloading - Part 10: System HRC - Bolt and nut assemblies with calibrated preload

vervangt NBN EN 14399-10:2009 (1e uitgave)

NBN EN 14399-9:2018

High-strength structural bolting assemblies for preloading - Part 9: System HR or HV - Direct tension indicators for bolt and nut assemblies

vervangt NBN EN 14399-9:2009 (1e uitgave)

NBN EN 144-1:2018

Respiratory protective devices - Gas cylinder valves - Part 1: Inlet connections

vervangt NBN EN 144-1:2000 (2e uitgave), NBN EN 144-1/A1:2003 (1e uitgave), NBN EN 144-1/A2:2005 (1e uitgave),

NBN EN 144-2:2018

Respiratory protective devices - Gas cylinder valves - Part 2: Outlet connections

vervangt NBN EN 144-2:1999 (1e uitgave)

NBN EN 15024-2:2018

Copper and copper alloys - Determination of zinc content - Part 2: Flame atomic absorption spectrometric method (FAAS)

vervangt NBN EN 15024-2:2007 (1e uitgave)

NBN EN 15254-5:2018

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

vervangt NBN EN 15254-5:2010 (1e uitgave)

NBN EN 15254-7:2018

Extended application of results from fire resistance tests - Non-loadbearing ceilings - Part 7: Metal sandwich panel construction

vervangt NBN EN 15254-7:2012 (1e uitgave)

NBN EN 15269-11:2018

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 11: Fire resistance for operable fabric curtains

NBN EN 1645-1:2018

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

vervangt NBN EN 1645-1:2012 (4e uitgave)

NBN EN 16602-30:2018

Space product assurance - Dependability

NBN EN 16602-40:2018

Space product assurance - Safety

vervangt NBN EN ISO 14620-1:2003 (1e uitgave)

NBN EN 16603-10:2018

Space engineering - System engineering general requirements

vervangt NBN EN 13292:1999 (1e uitgave), NBN EN 14514:2004 (1e uitgave), NBN EN 14607-7:2004 (1e uitgave)

NBN EN 16910-1:2018

Railway applications - Rolling stock - Requirements for non-destructive testing on running gear in railway maintenance - Part 1: Wheelsets

NBN EN 16932-1:2018

Drain and sewer systems outside buildings - Pumping systems - Part 1: General requirements

vervangt NBN EN 1091:1997 (1e uitgave), NBN EN 1671:1997 (1e uitgave)

NBN EN 16932-2:2018

Drain and sewer systems outside buildings - Pumping systems - Part 2: Positive pressure systems

vervangt NBN EN 1671:1997 (1e uitgave), NBN EN 1091:1997 (1e uitgave)

NBN EN 16932-3:2018

Drain and sewer systems outside buildings - Pumping systems - Part 3: Vacuum systems

vervangt NBN EN 1091:1997 (1e uitgave), NBN EN 1671:1997 (1e uitgave)

NBN EN 16991:2018

Risk-based inspection framework

NBN EN 17030:2018

Space - Earth observation - Image processing levels

NBN EN 287-6:2018

Qualification test of welders - Fusion welding - Part 6: Cast irons

vervangt NBN EN 287-6:2010 (1e uitgave)

NBN EN 2944:2018

Aerospace series - Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004

vervangt NBN EN 2944:1998 (1e uitgave)

NBN EN 303 316:2018

Broadband Direct Air-to-Ground Communications - Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands - Beamforming antennas - Harmonised Standard for access to radio spectrum

NBN EN 305 200-4-4:2018

Integrated broadband cable telecommunication networks (CABLE) - Energy management - Operational infrastructures - Global KPIs - Part 4: Design assessments - Sub-part 4: Cable Access Networks

NBN EN 319 401:2018

Electronic Signatures and Infrastructures (ESI) - General Policy Requirements for Trust Service Providers

NBN EN 319 411-1:2018

Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Trust Service Providers issuing certificates - Part 1: General requirements

NBN EN 319 411-2:2018

Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Trust Service Providers issuing certificates - Part 2: Requirements for trust service providers issuing EU qualified certificates

NBN EN 3542:2018

Aerospace series - Inserts, screw thread, helical coil, self-locking, in heat resisting nickel base alloy NI-PH2801 (Inconel X750)

vervangt NBN EN 3542:1998 (1e uitgave)

NBN EN 419221-5:2018

Protection Profiles for TSP Cryptographic Modules - Part 5: Cryptographic Module for Trust Services

NBN EN 492:2012+A2:2018

Fibre-cement slates and fittings - Product specification and test methods

vervangt NBN EN 492:2012+A1:2016

NBN EN 50291-1:2018

Gas detectors - Electrical apparatus for the detection of carbon monoxide in domestic premises - Part 1: Test methods and performance requirements

NBN EN 50643:2018

Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment

NBN EN 60068-2-58:2015/A1:2018

Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)

NBN EN 60846-2:2018

Radiation protection instrumentation - Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation - Part 2: High range beta and photon dose and dose rate portable instruments for emergency radiation protection purposes

NBN EN 61760-4:2015/A1:2018

Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices

NBN EN 62052-11:2003/A1:2017/AC:2018-05

Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment

NBN EN 62052-21:2005/A1:2017/AC:2018-05

Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 21: Tariff and load control equipment

NBN EN 62053-11:2003/A1:2017/AC:2018-05

Electricity metering equipment (a.c.) - Particular requirements - Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2)

NBN EN 62053-21:2003/A1:2017/AC:2018-05

Electricity metering equipment (a.c.) - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2)

NBN EN 62053-22:2003/A1:2017/AC:2018-05

Electricity metering equipment (a.c.) - Particular requirements - Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)

NBN EN 62053-23:2003/A1:2017/AC:2018-05

Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)

NBN EN 62053-24:2015/A1:2017/AC:2018-05

Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)

NBN EN 62054-11:2005/A1:2017/AC:2018-05

Electricity metering (a.c.) - Tariff and load control - Part 11: Particular requirements for electronic ripple control receivers

NBN EN 62054-21:2005/A1:2017/AC:2018-05

Electricity metering (AC) - Tariff and load control - Part 21: Particular requirements for time switches

NBN EN 62504:2014/A1:2018

General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions

NBN EN 62702-1-1:2016/AC:2018-05

Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

NBN EN 63024:2018

Requirements for automatic reclosing devices (ARDs) for circuit-breakers, RCBOs and RCCBs for household and similar uses

vervangt NBN EN 50557:2012 (1e uitgave)

NBN EN 689:2018

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

vervangt NBN EN 689:1995 (1e uitgave)

NBN EN 81-28:2018

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts

vervangt NBN EN 81-28:2003 (1e uitgave)

NBN EN 81-71:2018

Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts

vervangt NBN EN 81-71+A1:2007 (2e uitgave)

NBN EN 9300-200:2018

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 200: Common Concepts for LOng Term Archiving and Retrieval of Product Structure Information

NBN EN IEC 60071-2:2018

Insulation co-ordination - Part 2: Application guidelines

NBN EN IEC 60238:2018

Edison screw lampholders

NBN EN IEC 60317-73:2018

Specifications for particular types of winding wires - Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200

NBN EN IEC 60317-74:2018

Specifications for particular types of winding wires - Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180

NBN EN IEC 60721-3-1:2018

Classification of environmental conditions - Part 3-1: Classification of groups of environmental parameters and their severities - Storage

NBN EN IEC 60721-3-2:2018

Classification of environmental conditions - Part 3-2: Classification of groups of environmental parameters and their severities - Transportation and Handling

NBN EN IEC 60730-2-13:2018

Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls

NBN EN IEC 60730-2-13:2018/AC:2018-05

Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls

NBN EN IEC 60749-13:2018

Semiconductor devices - Mechanical and climatic test methods - Part 13: Salt atmosphere

NBN EN IEC 61010-2-120:2018

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-120: Particular safety requirements for machinery aspects of equipment

NBN EN IEC 61291-1:2018

Optical amplifiers - Part 1: Generic specification

NBN EN IEC 61347-2-14:2018

Lamp controlgear - Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps

NBN EN IEC 61730-1:2018

Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction

NBN EN IEC 61730-2:2018

Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing

NBN EN IEC 62325-301:2018

Framework for energy market communications - Part 301: Common information model (CIM) extensions for markets

- NBN EN IEC 62485-1:2018  
Safety requirements for secondary batteries and battery installations -  
Part 1: General safety information
- NBN EN IEC 62485-2:2018  
Safety requirements for secondary batteries and battery installations -  
Part 2: Stationary batteries
- NBN EN IEC 62485-4:2018  
Safety requirements for secondary batteries and battery installations -  
Part 4: Valve-regulated lead-acid batteries for use in portable appliances
- vervangt NBN EN 50272-4:2007 (1e uitgave)
- NBN EN IEC 62561-6:2018/AC:2018-05  
Lightning protection system components (LPSC) - Part 6: Require-  
ments for lightning strike counters (LSC)
- NBN EN IEC 62631-2-1:2018  
Dielectric and resistive properties of solid insulating materials -  
Part 2-1: Relative permittivity and dissipation factor - Technical  
frequencies (0,1 Hz to 10 MHz) - AC Methods
- NBN EN IEC 62667:2018  
Medical electrical equipment - Medical light ion beam equipment -  
Performance characteristics
- NBN EN IEC 62928:2018  
Railway applications - Rolling stock - Onboard lithium-ion traction  
batteries
- NBN EN IEC 62933-1:2018  
Electrical Energy Storage (EES) systems - Part 1: Vocabulary
- NBN EN IEC 62969-2:2018  
Semiconductor devices - Semiconductor interface for automotive  
vehicles - Part 2: Efficiency evaluation methods of wireless power  
transmission using resonance for automotive vehicles sensors
- NBN EN ISO 10139-1:2018  
Dentistry - Soft lining materials for removable dentures - Part 1:  
Materials for short-term use (ISO 10139-1:2018)
- vervangt NBN EN ISO 10139-1:2005 (2e uitgave)
- NBN EN ISO 10256-2:2018  
Protective equipment for use in ice hockey - Part 2: Head protection  
for skaters (ISO 10256-2:2016)
- NBN EN ISO 10256-3:2018  
Protective equipment for use in ice hockey - Part 3: Face protectors  
for skaters (ISO 10256-3:2016)
- NBN EN ISO 10256-4:2018  
Protective equipment for use in ice hockey - Part 4: Head and face  
protection for goalkeepers (ISO 10256-4:2016)
- NBN EN ISO 11357-3:2018  
Plastics - Differential scanning calorimetry (DSC) - Part 3: Determi-  
nation of temperature and enthalpy of melting and crystallization  
(ISO 11357-3:2018)
- vervangt NBN EN ISO 11357-3:2013 (1e uitgave)
- NBN EN ISO 11979-10:2018  
Ophthalmic implants - Intraocular lenses - Part 10: Clinical investi-  
gations of intraocular lenses for correction of ametropia in phakic eyes  
(ISO 11979-10:2018)
- vervangt NBN EN ISO 11979-10/A1:2014 (2e uitgave), NBN EN  
ISO 11979-10:2006 (1e uitgave)
- NBN EN ISO 11979-7:2018  
Ophthalmic implants - Intraocular lenses - Part 7: Clinical investi-  
gations of intraocular lenses for the correction of aphakia (ISO 11979-  
7:2018)

- vervangt NBN EN ISO 11979-7:2014 (3e uitgave)  
NBN EN ISO 12870:2018  
Ophthalmic optics - Spectacle frames - Requirements and test methods (ISO 12870:2016)
- vervangt NBN EN ISO 12870:2014 (5e uitgave)  
NBN EN ISO 15085:2003/A2:2018  
Small craft - Man-overboard prevention and recovery - Amendment 2 (ISO 15085:2003/Amd 2:2017)
- vervangt NBN EN ISO 15085/A1:2009 (1e uitgave)  
NBN EN ISO 18640-2:2018  
Protective clothing for firefighters - Physiological impact - Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters (ISO 18640-2:2018)
- NBN EN ISO 19085-1:2017/AC:2018  
Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)
- NBN EN ISO 19085-4:2018  
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)
- NBN EN ISO 20863:2018  
Footwear - Test methods for stiffeners and toepuffs - Bondability (ISO 20863:2018)
- vervangt NBN EN ISO 20863:2005 (1e uitgave)  
NBN EN ISO 21028-2:2018  
Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 degrees C and -20 degrees C (ISO 21028-2:2018)
- vervangt NBN EN 1252-2:2001 (1e uitgave)  
NBN EN ISO 22477-4:2018  
Geotechnical investigation and testing - Testing of geotechnical structures - Part 4: Testing of piles: dynamic load testing (ISO 22477-4:2018)
- NBN EN ISO 4506:2018  
Hardmetals - Compression test (ISO 4506:2018)
- vervangt NBN EN 24506:1993 (1e uitgave)  
NBN EN ISO 4829-1:2018  
Steel and cast iron - Determination of total silicon contents - Reduced molybdosilicate spectrophotometric method - Part 1: Silicon contents between 0,05 % and 1,0 % (ISO 4829-1:2018)
- vervangt NBN EN 24829-1:1992 (1e uitgave)  
NBN EN ISO 5832-2:2018  
Implants for surgery - Metallic materials - Part 2: Unalloyed titanium (ISO 5832-2:2018)
- vervangt NBN EN ISO 5832-2:2012 (1e uitgave)  
NBN EN ISO 9004:2018  
Quality management - Quality of an organization - Guidance to achieve sustained success (ISO 9004:2018)
- vervangt NBN EN ISO 9004:2009 (3e uitgave), NBN EN ISO 9004 NL:2010 (3e uitgave)  
NBN EN ISO 9233-1:2018  
Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 1: Molecular absorption spectrometric method for cheese rind (ISO 9233-1:2018)
- vervangt NBN EN ISO 9233-1:2013 (1e uitgave)  
NBN EN ISO 9233-2:2018  
Cheese, cheese rind and processed cheese - Determination of natamycin content - Part 2: High-performance liquid chromatographic method for cheese, cheese rind and processed cheese (ISO 9233-2:2018)
- vervangt NBN EN ISO 9233-2:2013 (1e uitgave)  
NBN EN ISO 9687:2015/A1:2018  
Dentistry - Graphical symbols for dental equipment (ISO 9687:2015/Amd 1:2018)
- NBN ISO 10006:2018  
Quality management - Guidelines for quality management in projects
- vervangt NBN ISO 10006:2014 (1e 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 CEN ISO/TS 17892-9:2005 (1e uitgave)  
NBN EN 1060-3+A2:2010 (2e uitgave)  
NBN EN 15806:2010 (1e uitgave)  
NBN EN 181102:2008 (1e uitgave)  
NBN EN 1993-4-3:2007 (2e uitgave)  
NBN EN 1993-4-3 NL:2011 (2e uitgave)  
NBN EN 50242/60436:2009 (2e uitgave)  
NBN EN 50242/A1:2012 (2e uitgave)  
NBN EN 50377-5-1:2004 (1e uitgave)  
NBN EN 55032:2012 (1e uitgave)  
NBN EN 61010-2-051:2003 (2e uitgave)  
NBN EN 62541-8:2012 (1e uitgave)  
NBN G 45-006:1988 (1e uitgave)  
NBN ISO 11531:1997 (1e uitgave)  
NBN ISO 1953:1995 (2e uitgave)  
NBN ISO 2031:1992 (1e uitgave)  
NBN ISO 3874:2003 (4e uitgave)  
NBN ISO 3874/A1:2003 (1e uitgave)  
NBN ISO 3874/A2:2003 (1e uitgave)  
NBN ISO 5025:2003 (2e uitgave)  
NBN ISO 6743-6:1991 (1e uitgave)  
NBN ISO 7216:1992 (1e uitgave)  
NBN ISO 9296:1993 (1e uitgave)  
NBN S 22-008:1988 (2e uitgave)