

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

[C – 2020/20393]

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 10216-2:2013+A1:2020

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

vervangt NBN EN 10216-2:2014 (2e uitgave)

NBN EN 12301:2020

Plastics and rubber machines - Calenders - Safety requirements

vervangt NBN EN 12301+A1:2008 (2e uitgave)

NBN EN 12640:2020

Intermodal loading units and commercial vehicles - Lashing points for cargo securing - Minimum requirements and testing

vervangt NBN EN 12640:2000 (1e uitgave)

NBN EN 12641-1:2020

Intermodal loading units and commercial vehicles - Tarpaulins - Part 1: Minimum requirements

vervangt NBN EN 12641-1:2005 (2e uitgave)

NBN EN 12641-2:2020

Intermodal loading units and commercial vehicles - Tarpaulins - Part 2: Minimum requirements for curtainsiders

vervangt NBN EN 12641-2:2007 (1e uitgave)

NBN EN 12845:2015+A1:2020

Fixed firefighting systems - Automatic sprinkler systems - Design, installation and maintenance

vervangt NBN EN 12845:2015 (4e uitgave)

NBN EN 12965:2020

Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety

vervangt NBN EN 12965+A2:2009 (2e uitgave)

NBN EN 13031-1:2020

Greenhouses - Design and construction - Part 1: Commercial production greenhouses

vervangt NBN EN 13031-1:2002 (1e uitgave)

NBN EN 13053:2020

Ventilation for buildings - Air handling units - Rating and performance for units, components and sections

vervangt NBN EN 13053+A1:2011 (3e uitgave)

NBN EN 13373:2020

Natural stone test methods - Determination of geometric characteristics on units

vervangt NBN EN 13373:2003 (1e uitgave)

NBN EN 14908-7:2020

Open communication in building automation, controls and building management - Control Network Protocol - Part 7: Communication via internet protocols

NBN EN 15202:2020

LPG equipment and accessories - Essential operational dimensions for LPG cylinder valve outlet and associated equipment connections

vervangt NBN EN 15202:2012 (2e uitgave)

NBN EN 1534:2020

Wood flooring and parquet - Determination of resistance to indentation - Test method

vervangt NBN EN 1534:2010 (2e uitgave)

NBN EN 15597-2:2020

Winter maintenance equipment - Spreading and spraying machines - Part 2: Requirements for distribution and their test

NBN EN 16215:2020

Animal feeding stuffs: Methods of sampling and analysis - Determination of dioxins and dioxin-like PCBs and of indicator PCBs by GC/HRMS

vervangt NBN EN 16215:2012 (1e uitgave)

NBN EN 16234-1:2020

e-Competence Framework (e-CF) - A common European Framework for ICT Professionals in all sectors - Part 1: Framework

vervangt NBN EN 16234-1:2016

NBN EN 17252:2020

Foodstuffs - Determination of phomopsin A in lupin seeds and lupin derived products by HPLC-MS/MS

NBN EN 1749:2020

Classification of gas appliances according to the method of supplying combustion air and of evacuation of the combustion products (types)

NBN EN 234:2020

Wallcoverings in roll form - Specification for wallcoverings for subsequent decoration

vervangt NBN EN 234:1991 (1e uitgave), NBN EN 234/A1:1996 (1e uitgave)

NBN EN 2451:2020

Aerospace series - Steel 31Ni10 - $1\ 230\ \text{MPa} \leq R_m \leq 1\ 420\ \text{MPa}$ - Forgings - $De \leq 40\ \text{mm}$

NBN EN 2476:2020

Aerospace series - Steel 30CrNiMo8 (1.6580) - $1\ 100\ \text{MPa} \leq R_m \leq 1\ 300\ \text{MPa}$ - Forgings - $De \leq 100\ \text{mm}$

NBN EN 2502:2020

Aerospace series - Steel X5CrNiMoCuNb14-5 (1.4594) - $930\ \text{MPa} \leq R_m \leq 1\ 080\ \text{MPa}$ - Bars - $De \leq 150\ \text{mm}$

NBN EN 2503:2020

Aerospace series - Steel X5CrNiMoCuNb14-5 (1.4594) - 930 MPa ≤ Rm ≤ 1 080 MPa - Forgings - De ≤ 150 mm

NBN EN 2516:2020

Aerospace series - Passivation of corrosion resisting steels and decontamination of nickel base alloys

vervangt NBN EN 2516:1997 (1e uitgave)

NBN EN 2997-011:2020

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire resistant or non fire resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 011: Dummy receptacle - Product standard

vervangt NBN EN 2997-011:2010 (3e uitgave)

NBN EN 300 175-1:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview

NBN EN 300 175-2:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)

NBN EN 300 175-3:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer

NBN EN 300 175-4:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer

NBN EN 300 175-5:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer

NBN EN 300 175-6:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing

NBN EN 300 175-7:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features

NBN EN 300 175-8:2020

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech and audio coding and transmission

NBN EN 300 176-2:2020

Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 2: Audio and speech

NBN EN 301549:2020

Accessibility requirements for ICT products and services

vervangt NBN EN 301549:2018

NBN EN 3018:2020

Aerospace series - Heat resisting alloy NI-PH2801 (NiCr16Fe7Ti3Nb1Al1) - Consumable electrode remelted - Cold drawn wire for the manufacture of thread inserts - D ≤ 3 mm

NBN EN 3155-016:2020

Aerospace series - Electrical contacts used in elements of connection - Part 016: Contacts, electrical, male, type A, crimp, class S - Product standard

vervangt NBN EN 3155-016:2006 (1e uitgave)

NBN EN 3155-019:2020

Aerospace series - Electrical contacts used in elements of connection - Part 019: Contacts, electrical, female, type A, crimp, class S - Product standard

vervangt NBN EN 3155-019:2006 (1e uitgave)

NBN EN 3155-044:2020

Aerospace series - Electrical contacts used in elements of connection
- Part 044: Contacts, electrical, male 044, type A, double crimping, class T - Product standard

vervangt NBN EN 3155-044:2007 (1e uitgave)

NBN EN 3155-045:2020

Aerospace series - Electrical contacts used in elements of connection
- Part 045: Contacts, electrical, female, type A, double crimping, class T - Product standard

vervangt NBN EN 3155-045:2006 (1e uitgave)

NBN EN 3155-076:2020

Aerospace series - Electrical contacts used in elements of connection
- Part 076: Contacts, electrical, male, type A, crimp, class R - Product standard

vervangt NBN EN 3155-076:2012 (1e uitgave)

NBN EN 3155-077:2020

Aerospace series - Electrical contacts used in elements of connection
- Part 077: Contacts, electrical, female, type A, crimp, class R - Product standard

vervangt NBN EN 3155-077:2012 (1e uitgave)

NBN EN 3484:2020

Aerospace series - Steel X5CrNiCuNb16-4 (1.4549 type 1.4542) - As cast - Reference heat treatment: homogenised, solution treated, precipitation hardened and sub zero - Remelting stock

NBN EN 3486:2020

Aerospace series - Steel X3CrNiMoAl13-8-2 (1.4534) - Solution annealed and precipitation hardened - $1\ 400 \leq R_m \leq 1\ 550$ MPa - Forgings - $De \leq 100$ mm

NBN EN 3489:2020

Aerospace series - Steel X8CrNiTi18-10 (1.4878/1.4544) - Softened - $500 \leq R_m \leq 750$ MPa - Tubes for structures - $0,5 \leq a \leq 5$ mm

NBN EN 4604-007:2020

Aerospace series - Cable, electrical, for signal transmission - Part 007: Cable, coaxial, 50 ohms, 200 °C, type WN - Product standard

vervangt NBN EN 4604-007:2008 (1e uitgave)

NBN EN 4681-001:2020

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 001: Technical specification

vervangt NBN EN 4681-001:2017

NBN EN 4840-102:2020

Aerospace series - Heat shrinkable moulded shapes - Part 102: Elastomeric, semi-rigid, temperature range -75 to 150 °C - Product Standard

NBN EN 4875:2020

Aerospace series - Surface treatments - Test method for measurement of electrical contact resistance

NBN EN 50083-2-4:2020

Cable networks for television signals, sound signals and interactive services - Part 2-4: Interference Mitigation Filters operating in the 700 MHz and 800 MHz bands for DTT reception

NBN EN 50271:2020

Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen - Requirements and tests for apparatus using software and/or digital technologies

NBN EN 50325-1:2020

Industrial communications subsystem based on ISO 11898 (CAN) for controller-device interfaces - Part 1: General requirements

NBN EN 50636-2-107:2015/A2:2020

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

NBN EN 50641:2020

Railway applications - Fixed installations - Requirements for the validation of simulation tools used for the design of electric traction power supply systems

NBN EN 50676:2020

Electrical equipment used for detection and concentration measurement of refrigerant gases - Performance requirements and test methods

NBN EN 54-13:2017+A1:2020

Fire detection and fire alarm systems - Part 13: Compatibility and connectability assessment of system components

vervangt NBN EN 54-13:2017

NBN EN 60335-2-35:2016/A1:2020

Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters

NBN EN 60335-2-47:2003/A2:2020

Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans

NBN EN 60335-2-48:2003/A2:2020

Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters

NBN EN 60335-2-49:2003/A2:2020

Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

NBN EN 60335-2-5:2015/A11:2020

Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers

NBN EN 60335-2-61:2003/A11:2020

Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal-storage room heaters

NBN EN 61400-12-1:2017/AC:2020

Wind energy generation systems - Part 12-1: Power performance measurement of electricity producing wind turbines

NBN EN 61784-3-12:2010/A1:2020

Industrial communication networks - Profiles - Part 3-12: Functional safety fieldbuses - Additional specifications for CPF 12

NBN EN 62026-2:2013/A1:2020

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i)

NBN EN 62026-3:2015/AC:2020

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet

NBN EN IEC 60077-3:2020

Railway applications - Electric equipment for rolling stock - Part 3: Electrotechnical components - Rules for DC circuit-breakers

NBN EN IEC 60077-4:2020

Railway applications - Electric equipment for rolling stock - Part 4: Electrotechnical components - Rules for AC circuit-breakers

NBN EN IEC 60077-5:2020

Railway applications - Electric equipment for rolling stock - Part 5: Electrotechnical components - Rules for HV fuses

NBN EN IEC 60079-19:2020

Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation

NBN EN IEC 60309-5:2020

Plugs, socket-outlets and couplers for industrial purposes - Part 5: Dimensional compatibility and interchangeability requirements for plugs, socket-outlets, ship connectors and ship inlets for low-voltage shore connection systems (LVSC)

NBN EN IEC 60317-27-3:2020

Specifications for particular types of winding wires - Part 27-3: Paper tape covered rectangular copper wire

NBN EN IEC 60512-28-100:2020

Connectors for electrical and electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz - Tests 28a to 28g

NBN EN IEC 60793-2:2020

Optical fibres - Part 2: Product specifications - General

NBN EN IEC 60904-4:2020

Photovoltaic devices - Part 4: Reference solar devices - Procedures for establishing calibration traceability

NBN EN IEC 61300-2-54:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-54: Tests - Corrosive atmosphere (mixed gas)

NBN EN IEC 61535:2020

Installation couplers intended for permanent connection in fixed installations

NBN EN IEC 61857-32:2020

Electrical insulation systems - Procedures for thermal evaluation - Part 32: Multifactor evaluation with increased factors during diagnostic testing

NBN EN IEC 62386-332:2018/AC:2020

Digital addressable lighting interface - Part 332: Particular requirements - Input devices - Feedback

NBN EN IEC 62430:2020

Environmentally conscious design (ECD) - Principles, requirements and guidance

NBN EN IEC 62878-1:2020

Device embedding assembly technology - Part 1: Generic specification for device embedded substrates

NBN EN IEC 62885-9:2020

Surface cleaning appliances - Part 9: Floor treatment machines with or without traction drive, for commercial use - Methods for measuring the performance

NBN EN IEC 63006:2020

Wireless power transfer (WPT) - Glossary of terms

NBN EN IEC 63077:2020

Good refurbishment practices for medical imaging equipment

NBN EN ISO 10070:2020

Metallic powders - Determination of envelope-specific surface area from measurements of the permeability to air of a powder bed under steady-state flow conditions (ISO 10070:2019)

NBN EN ISO 10722:2020

Geosynthetics - Index test procedure for the evaluation of mechanical damage under repeated loading - Damage caused by granular material (laboratory test method) (ISO 10722:2019)

vervangt NBN EN ISO 10722:2007 (2e uitgave)

NBN EN ISO 10961:2020

Gas cylinders - Cylinder bundles - Design, manufacture, testing and inspection (ISO 10961:2019)

vervangt NBN EN ISO 10961:2012 (1e uitgave)

NBN EN ISO 11117:2020

Gas cylinders - Valve protection caps and guards - Design, construction and tests (ISO 11117:2019)

vervangt NBN EN ISO 11117:2009 (1e uitgave)

NBN EN ISO 12813:2020

Electronic fee collection - Compliance check communication for autonomous systems (ISO 12813:2019)

vervangt NBN EN ISO 12813:2016, NBN EN ISO 12813:2015/A1:2017

NBN EN ISO 13426-1:2020

Geotextiles and geotextile-related products - Strength of internal structural junctions - Part 1: Geocells (ISO 13426-1:2019)

vervangt NBN EN ISO 13426-1:2003 (1e uitgave)

NBN EN ISO 13938-1:2020

Textiles - Bursting properties of fabrics - Part 1: Hydraulic method for determination of bursting strength and bursting distension (ISO 13938-1:2019)

vervangt NBN EN ISO 13938-1:1999 (1e uitgave)

NBN EN ISO 13938-2:2020

Textiles - Bursting properties of fabrics - Part 2: Pneumatic method for determination of bursting strength and bursting distension (ISO 13938-2:2019)

vervangt NBN EN ISO 13938-2:1999 (1e uitgave)

NBN EN ISO 14971:2020

Medical devices - Application of risk management to medical devices (ISO 14971:2019)

vervangt NBN EN ISO 14971:2012 (4e uitgave)

NBN EN ISO 16140-6:2020

Microbiology of the food chain - Method validation - Part 6: Protocol for the validation of alternative (proprietary) methods for microbiological confirmation and typing procedures (ISO 16140-6:2019)

NBN EN ISO 16929:2020

Plastics - Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test (ISO 16929:2019)

NBN EN ISO 180:2020

Plastics - Determination of Izod impact strength (ISO 180:2019)

vervangt NBN EN ISO 180:2001 (2e uitgave), NBN EN ISO 180/A1:2007 (1e uitgave), NBN EN ISO 180/A2:2013 (1e uitgave)

NBN EN ISO 19107:2020

Geographic information - Spatial schema (ISO 19107:2019)

vervangt NBN EN ISO 19107:2005 (1e uitgave)

NBN EN ISO 19116:2020

Geographic information - Positioning services (ISO 19116:2019)

vervangt NBN EN ISO 19116:2006 (1e uitgave)

NBN EN ISO 19577:2020

Footwear - Critical substances potentially present in footwear and footwear components - Determination of Nitrosamines (ISO 19577:2019)

NBN EN ISO 20706-1:2020

Textiles - Qualitative and quantitative analysis of some bast fibres (flax, hemp, ramie) and their blends - Part 1: Fibre identification using microscopy methods (ISO 20706-1:2019)

NBN EN ISO 21268-4:2020

Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials - Part 4: Influence of pH on leaching with initial acid/base addition (ISO 21268-4:2019)

NBN EN ISO 28927-1:2020

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders (ISO 28927-1:2019)

vervangt NBN EN ISO 28927-1:2010 (1e uitgave), NBN EN ISO 28927-1:2009/A1:2017

NBN EN ISO 29988-1:2020

Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 29988-1:2019)

vervangt NBN EN ISO 29988-1:2018

NBN EN ISO 3233-1:2020

Paints and varnishes - Determination of percentage volume of non-volatile matter - Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry-film density by the Archimedes principle (ISO 3233-1:2019)

vervangt NBN EN ISO 3233-1:2013 (1e uitgave)

NBN EN ISO 5010:2020

Earth-moving machinery - Wheeled machines - Steering requirements (ISO 5010:2019)

vervangt NBN EN 12643:2014 (3e uitgave)

NBN EN ISO 6504-3:2020

Paints and varnishes - Determination of hiding power - Part 3: Determination of hiding power of paints for masonry, concrete and interior use (ISO 6504-3:2019)

vervangt NBN EN ISO 6504-3:2007 (1e uitgave)

NBN EN ISO 6892-1:2020

Metallic materials - Tensile testing - Part 1: Method of test at room temperature (ISO 6892-1:2019)

vervangt NBN EN ISO 6892-1:2016

NBN EN ISO 80079-36:2016/AC:2020

Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements - Technical Corrigendum 1 (ISO 80079-36:2016/Cor 1:2019)

NBN EN ISO 8654:2018/A1:2020

Jewellery - Colours of gold alloys - Definition, range of colours and designation - Amendment 1 (ISO 8654:2018/Amd 1:2019)

NBN EN ISO 9863-1:2016/A1:2020

Geosynthetics - Determination of thickness at specified pressures - Part 1: Single layers - Amendment 1 (ISO 9863-1:2016/Amd 1:2019)

NBN EN ISO/ASTM 52907:2020

Additive manufacturing - Feedstock materials - Methods to characterize metal powders (ISO/ASTM 52907:2019)

NBN ISO 10651-3:2020

Lung ventilators for medical use - Part 3: Particular requirements for emergency and transport ventilators

NBN ISO 11318:2020

Cardiac defibrillators - Connector assembly DF-1 for implantable defibrillators - Dimensions and test requirements

NBN ISO 13579-11:2020

Industrial furnaces and associated processing equipment - Method of measuring energy balance and calculating energy efficiency - Part 11: Evaluation of various kinds of efficiency

NBN ISO 14242-2:2020

Implants for surgery - Wear of total hip-joint prostheses - Part 2: Methods of measurement

NBN ISO 16840-3:2020

Wheelchair seating - Part 3: Determination of static, impact and repetitive load strengths for postural support devices

NBN ISO 25841:2020

Female condoms - Requirements and test methods

NBN ISO 26825:2020

Anaesthetic and respiratory equipment - User-applied labels for syringes containing drugs used during anaesthesia - Colours, design and performance

NBN ISO 34101-1:2020

Sustainable and traceable cocoa — Part 1: Requirements for cocoa sustainability management systems

NBN ISO 5841-2:2020

Implants for surgery - Cardiac pacemakers - Part 2: Reporting of clinical performance of populations of pulse generators or leads

NBN ISO 5841-3:2020

Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers

NBN ISO 7206-1:2020

Implants for surgery - Partial and total hip joint prostheses - Part 1: Classification and designation of dimensions

NBN ISO 9846:2020

Solar energy — Calibration of a pyranometer using a pyrhelimeter

NBN ISO 9847:2020

Solar energy — Calibration of field pyranometers by comparison to a reference pyranometer

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 C 61-127-5:1992 (2e uitgave)

NBN EN 50152-3-1:2005 (1e uitgave)

NBN EN 50444:2008 (1e uitgave)

NBN EN 60079-29-1:2008 (4e uitgave)

NBN EN 60205/A1:2009 (2e uitgave)

NBN EN 60205:2007 (2e uitgave)

NBN EN 60312-1:2013 (1e uitgave)

NBN EN 60674-2/A1:2002 (1e uitgave)

NBN EN 60674-2:1998 (1e uitgave)

NBN EN 60695-1-10:2010 (1e uitgave)

NBN EN 60695-8-1:2008 (1e uitgave)

NBN EN 60745-2-11:2010 (4e uitgave)

NBN EN 60794-5:2007 (1e uitgave)

NBN EN 60869-1:2013 (2e uitgave)

NBN EN 61332:2007 (2e uitgave)

NBN EN 62056-47:2007 (1e uitgave)

NBN EN 62056-5-3:2014 (1e uitgave)

NBN EN 62056-6-1:2013 (3e uitgave)

NBN EN 62056-6-2:2013 (3e uitgave)

NBN EN 62281:2013 (2e uitgave)

NBN EN 62320-2:2008 (1e uitgave)