

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

[C – 2020/41019]

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 IEC 61851-25:2021

Electric vehicle conductive charging system - Part 25: DC EV supply equipment where protection relies on electrical separation

NBN EN 12115:2021

Rubber and thermoplastics hoses and hose assemblies for liquid or gaseous chemicals - Specification

vervangt NBN EN 12115:2011 (2e uitgave)

NBN EN 12463:2021

Food processing machinery - Filling machines and interchangeable equipment - Safety and hygiene requirements vervangt

NBN EN 12463:2014 (3e uitgave)

NBN EN 12609:2021

Truck mixers - Safety requirements

NBN EN 12613:2021

Plastics warning devices for underground cables and pipelines with visual characteristics

vervangt NBN EN 12613:2009 (2e uitgave)

NBN EN 12697-42:2021

Bituminous mixtures - Test methods - Part 42: Amount of foreign matter in reclaimed asphalt

vervangt NBN EN 12697-42:2013 (2e uitgave)

NBN EN 12814-2:2021

Testing of welded joints of thermoplastics semi-finished products - Part 2: Tensile test

vervangt NBN EN 12814-2:2000 (1e uitgave)

NBN EN 12814-8:2021

Testing of welded joints of thermoplastics semi-finished products - Part 8: Requirements

vervangt NBN EN 12814-8:2001 (1e uitgave)

NBN EN 13497:2018+A1:2021

Thermal insulation products for building applications - Determination of the resistance to impact of external thermal insulation composite systems (ETICS)

vervangt NBN EN 13497:2018

NBN EN 1366-5:2021

Fire resistance tests for service installations - Part 5: Service ducts and shafts

vervangt NBN EN 1366-5:2010 (2e uitgave)

NBN EN 14104:2021

Fat and oil derivatives - Fatty acid methyl ester (FAME) - Determination of acid value

vervangt NBN EN 14104:2003 (1e uitgave)

NBN EN 14222:2021

Stainless steel steam boilers

vervangt NBN EN 14222:2003 (1e uitgave)

NBN EN 14654-1:2021

Drain and sewer systems outside buildings - Management and control of activities - Part 1: General requirements

vervangt NBN EN 14654-1:2014 (2e uitgave)

NBN EN 14654-2:2021

Drain and sewer systems outside buildings - Management and control of activities - Part 2: Rehabilitation

vervangt NBN EN 14654-2:2013 (1e uitgave)

NBN EN 14654-3:2021

Drain and sewer systems outside buildings - Management and control of activities - Part 3: Drain and sewer cleaning

vervangt NBN EN 14654-1:2014 (2e uitgave)

NBN EN 14654-4:2021

Drain and sewer systems outside buildings - Management and control of activities - Part 4: Control of inputs from users

NBN EN 14772:2021

Flanges and their joints - Quality assurance inspection and testing of gaskets in accordance with the series of standards EN 1514 and EN 12560

vervangt NBN EN 14772:2005 (1e uitgave)

NBN EN 1514-2:2014+A1:2021

Flanges and their joints - Gaskets for PN-designated flanges - Part 2: Spiral wound gaskets for use with steel flanges

vervangt NBN EN 1514-2:2014 (3e uitgave)

NBN EN 16842-5:2021

Powered industrial trucks - Visibility - Test methods and verification - Part 5: Industrial variable-reach trucks greater than 10 000 kg capacity

NBN EN 16842-8:2021

Powered industrial trucks - Visibility-Test methods and verification - Part 8: Stand-on counterbalance trucks up to and including 10 000 kg capacity

NBN EN 16941-2:2021

On-site non-potable water systems - Part 2: Systems for the use of treated greywater

NBN EN 17104:2021

Thermoplastics rigid protective wallcovering panels for internal use in buildings - Performance characteristics

NBN EN 17210:2021

Accessibility and usability of the built environment - Functional requirements

NBN EN 1829-1:2021

High-pressure water jet machines - Safety requirements - Part 1: Machines

vervangt NBN EN 1829-1:2010 (1e uitgave)

NBN EN 303 276:2021

Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonised Standard for access to radio spectrum

NBN EN 4687:2021

Aerospace series - Paints and varnishes - Chromate free (non corrosion inhibiting) two-components room temperature curing primer - Chromate free primer for military application

vervangt NBN EN 4687:2012 (1e uitgave)

NBN EN 4688:2021

Aerospace series - Paints and varnishes - Corrosion resistant chromated two-components room temperature curing epoxy primer - High corrosion resistance for military application

vervangt NBN EN 4688:2012 (1e uitgave)

NBN EN 4689:2021

Aerospace series - Paints and varnishes - Two-components room temperature curing polyurethane finish - High flexibility and chemical agent resistance for military application

vervangt NBN EN 4689:2012 (1e uitgave)

NBN EN 50291-1:2018/AC:2021-01

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

NBN EN 60061-2:1993/A57:2021

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders

NBN EN 61800-5-1:2007/A11:2021

Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

NBN EN 62477-1:2012/A12:2021

Safety requirements for power electronic converter systems and equipment - Part 1: General

NBN EN IEC 60061-1:1993/A61:2021

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

NBN EN IEC 60079-10-1:2021

Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres

- NBN EN IEC 60172:2021
Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires
- NBN EN IEC 60336:2021
Medical electrical equipment - X-ray tube assemblies for medical diagnosis - Focal spot dimensions and related characteristics
- NBN EN IEC 60352-7:2021
Solderless connections - Part 7: Spring clamp connections - General requirements, test methods and practical guidance
- NBN EN IEC 60384-17:2019/AC:2021-01
Fixed capacitors for use in electronic equipment - Part 17: Sectional specification - Fixed metallized polypropylene film dielectric AC and pulse capacitors
- NBN EN IEC 60522-1:2021
Medical electrical equipment - Diagnostic X-rays - Part 1: Determination of quality equivalent filtration and permanent filtration
- NBN EN IEC 60598-2-23:2021
Luminaires - Part 2-23: Particular requirements - Extra-low-voltage lighting systems for ELV light sources
- NBN EN IEC 60675-2:2021
Household electric direct-acting room heaters - Methods for measuring performance - Part 2: Additional provisions for the measurement of the radiant factor
- NBN EN IEC 60675-3:2021
Household electric direct-acting room heaters - Methods for measuring performance - Part 3: Additional provisions for the measurement of the radiation efficiency
- NBN EN IEC 61010-2-202:2021
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-202: Particular requirements for electrically operated valve actuators
- NBN EN IEC 61058-2-1:2021
Switches for appliances - Part 2-1: Particular requirements for cord switches
- NBN EN IEC 61058-2-4:2021
Switches for appliances - Part 2-4: Particular requirements for independently mounted switches
- NBN EN IEC 61058-2-5:2021
Switches for appliances - Part 2-5: Particular requirements for change-over selectors
- NBN EN IEC 61083-3:2021
Instruments and software used for measurement in high-voltage and high-current tests - Part 3: Requirements for hardware for tests with alternating and direct voltages and currents
- NBN EN IEC 61300-3-30:2021
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-30: Examinations and measurements - Endface geometry of rectangular ferrule
- NBN EN IEC 61300-3-53:2021
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-53: Examinations and measurements - Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode waveguide (including fibre)
- NBN EN IEC 61828:2021
Ultrasonics - Transducers - Definitions and measurement methods regarding focusing for the transmitted fields
- NBN EN IEC 62040-1:2019/A11:2021
Uninterruptible power systems (UPS) - Part 1: Safety requirements
- NBN EN IEC 62325-451-10:2021
Framework for energy market communications - Part 451-10: Profiles for Energy Consumption Data ("My Energy Data")
- NBN EN IEC 62435-7:2021
Electronic components - Long-term storage of electronic semiconductor devices - Part 7: Micro-electromechanical devices

NBN EN IEC 62474:2019/A1:2021

Material declaration for products of and for the electrotechnical industry

NBN EN IEC 62485-5:2021

Safety requirements for secondary batteries and battery installations - Part 5: Safe operation of stationary lithium ion batteries

NBN EN IEC 63138-2:2021

Multi-channel radio-frequency connectors - Part 2: Sectional specification for MQ4 series circular connectors

NBN EN IEC 63185:2021

Measurement of the complex permittivity for low-loss dielectric substrates balanced-type circular disk resonator method

NBN EN IEC/ASTM 62885-7:2021

Surface cleaning appliances - Part 7: Dry-cleaning robots for household or similar use - Methods for measuring the performance

NBN EN ISO 10656:2021

Resistance welding equipment - Transformers - Integrated transformers for welding guns (ISO 10656:2016, Corrected version 2016-08)

NBN EN ISO 129-1:2019/A1:2021

Technical product documentation (TPD) - Presentation of dimensions and tolerances - Part 1: General principles - Amendment 1 (ISO 129-1:2018/Amd 1:2020)

NBN EN ISO 14705:2021

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for hardness of monolithic ceramics at room temperature (ISO 14705:2016)

NBN EN ISO 15616-4:2021

Acceptance tests for CO₂-laser beam machines for high quality welding and cutting - Part 4: Machines with 2-D moving optics (ISO 15616-4:2008)

NBN EN ISO 16140-3:2021

Microbiology of the food chain - Method validation - Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory (ISO 16140-3:2021)

NBN EN ISO 16147:2021

Small craft - Inboard diesel engines - Engine-mounted fuel, oil and electrical components (ISO 16147:2020)

vervangt NBN EN ISO 16147:2018

NBN EN ISO 16474-3:2021

Paints and varnishes - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO 16474-3:2021)

vervangt NBN EN ISO 16474-3:2014 (1e uitgave)

NBN EN ISO 17172:2021

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of compaction properties of ceramic powders (ISO 17172:2014)

NBN EN ISO 18610:2021

Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of elastic properties by ultrasonic technique (ISO 18610:2016)

NBN EN ISO 18785-1:2021

Friction stir spot welding - Aluminium - Part 1: Vocabulary (ISO 18785-1:2018)

NBN EN ISO 18785-2:2021

Friction stir spot welding - Aluminium - Part 2: Design of weld joints (ISO 18785-2:2018)

NBN EN ISO 18785-3:2021

Friction stir spot welding - Aluminium - Part 3: Qualification of welding personnel (ISO 18785-3:2018)

NBN EN ISO 18785-4:2021

Friction stir spot welding - Aluminium - Part 4: Specification and qualification of welding procedures (ISO 18785-4:2018)

NBN EN ISO 18785-5:2021

Friction stir spot welding - Aluminium - Part 5: Quality and inspection requirements (ISO 18785-5:2018)

- NBN EN ISO 20168:2021
Resistance welding - Locking tapers for electrode holders and electrode caps (ISO 20168:2016)
- NBN EN ISO 21304-2:2021
Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 21304-2:2021)
- vervangt NBN EN ISO 11542-2:1999 (1e uitgave)
- NBN EN ISO 21644:2021
Solid recovered fuels - Methods for the determination of biomass content (ISO 21644:2021)
- vervangt NBN EN 15440:2011 (1e uitgave)
- NBN EN ISO 21765:2021
Textiles - Determination of fabric deformability by forced mechanical distension (ISO 21765:2020)
- NBN EN ISO 23411:2021
Small craft - Steering wheels (ISO 23411:2020)
- vervangt NBN EN ISO 15652:2017, NBN EN ISO 8848:2017, NBN EN ISO 9775:2017
- NBN EN ISO 24014-1:2021
Public transport - Interoperable fare management system - Part 1: Architecture (ISO 24014-1:2021)
- vervangt NBN EN ISO 24014-1:2015 (2e uitgave)
- NBN EN ISO 3861:2021
Rubber hoses and hose assemblies for sand and grit blasting - Specification (ISO 3861:2021)
- vervangt NBN EN ISO 3861:2009 (2e uitgave)
- NBN EN ISO 54321:2021
Soil, treated biowaste, sludge and waste - Digestion of aqua regia soluble fractions of elements (ISO 54321:2020)
- NBN EN ISO 56000:2021
Innovation management - Fundamentals and vocabulary (ISO 56000:2020)
- vervangt NBN ISO 56000:2020
- NBN EN ISO 56002:2021
Innovation management - Innovation management system - Guidance (ISO 56002:2019)
- vervangt NBN ISO 56002:2020
- NBN EN ISO 56003:2021
Innovation management - Tools and methods for innovation partnership - Guidance (ISO 56003:2019)
- vervangt NBN ISO 56003:2020
- NBN EN ISO 5829:2021
Resistance spot welding - Electrode adaptors, female taper 1:10 (ISO 5829:1984)
- NBN EN ISO 5830:2021
Resistance spot welding - Male electrode caps (ISO 5830:1984)
- NBN EN ISO 5840-1:2021
Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (ISO 5840-1:2021)
- vervangt NBN EN ISO 5840-1:2015
- NBN EN ISO 5840-2:2021
Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (ISO 5840-2:2021)
- vervangt NBN EN ISO 5840-2:2015
- NBN EN ISO 5840-3:2021
Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (ISO 5840-3:2021)
- vervangt NBN EN ISO 5840-3:2013 (1e uitgave)
- NBN EN ISO 7285:2021
Pneumatic cylinders for mechanized multiple spot welding (ISO 7285:1995)
- NBN EN ISO 8407:2021
Corrosion of metals and alloys - Removal of corrosion products from corrosion test specimens (ISO 8407:2021)
- vervangt NBN EN ISO 8407:2014 (1e uitgave)
- NBN EN ISO 9093:2021
Small craft - Seacocks and through-hull fittings (ISO 9093:2020)
- vervangt NBN EN ISO 9093-1:1998 (1e uitgave), NBN EN ISO 9093-2:1998 (1e uitgave)

NBN EN ISO 9902-6:2021

Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2018)

vervangt NBN EN ISO 9902-6:2001 (1e uitgave), NBN EN ISO 9902-6/A1:2009 (1e uitgave),

NBN EN ISO 9902-6/A2:2014 (1e uitgave)

NBN EN ISO/IEC 27017:2021

Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services (ISO/IEC 27017:2015)

vervangt NBN ISO/IEC 27017:2016

NBN ISO 11601:2021

Fire fighting — Wheeled fire extinguishers — Performance and construction

NBN ISO 14520-11:2021

Gaseous fire-extinguishing systems — Physical properties and system design — Part 11: HFC 236fa extinguishant

NBN ISO 15077:2021

Tractors and self-propelled machinery for agriculture — Operator controls — Actuating forces, displacement, location and method of operation

NBN ISO 20338:2021

Oxygen reduction systems for fire prevention — Design, installation, planning and maintenance

NBN ISO 20560-1:2020

Safety information for the content of piping systems and tanks — Part 1: Piping systems

NBN ISO 21895:2021

Categorization and classification of civil unmanned aircraft systems

NBN ISO 21927-4:2021

Smoke and heat control systems — Part 4: Natural smoke and heat exhaust ventilators — Design, requirements and installation

NBN ISO 21927-5:2021

Smoke and heat control systems — Part 5: Powered smoke exhaust systems — Requirements and design

NBN ISO 6182-11:2021

Fire protection — Automatic sprinkler systems — Part 11: Requirements and test methods for pipe hangers

NBN ISO 6182-12:2021

Fire protection — Automatic sprinkler systems — Part 12: Requirements and test methods for grooved-end components for steel pipe systems

NBN ISO 6182-13:2021

Fire protection — Automatic sprinkler systems — Part 13: Requirements and test methods for extended-coverage sprinklers

NBN ISO 6182-14:2021

Fire protection — Automatic nozzle systems — Part 14: Requirements and test methods for water spray nozzles

NBN ISO 6182-4:2021

Fire protection — Automatic sprinkler systems — Part 4: Requirements and test methods for quick opening devices

NBN ISO 6182-6:2021

Fire protection — Automatic sprinkler systems — Part 6: Requirements and test methods for check valves

NBN ISO 6182-8:2021

Fire protection — Automatic sprinkler systems — Part 8: Requirements and test methods for pre-action dry alarm valves

NBN ISO 7076-3:2021

Fire protection — Foam fire extinguishing systems — Part 3: Medium expansion foam equipment

NBN ISO 7076-4:2021

Fire protection — Foam fire extinguishing systems — Part 4: High expansion foam equipment

NBN ISO 7076-6:2016/A1:2021

Fire protection — Foam fire extinguishing systems — Part 6: Vehicle mounted compressed air foam systems — Amendment 1

NBN ISO 7076-6:2021

Fire protection — Foam fire extinguishing systems — Part 6: Vehicle mounted compressed air foam systems

NBN ISO 7202:2021

Fire protection — Fire extinguishing media — Powder

NBN ISO 789-1:2021

Agricultural tractors — Test procedures — Part 1: Power tests for power take-off

NBN ISO 789-13:2021

Agricultural tractors — Test procedures — Part 13: Vocabulary and specimen test report

NBN ISO 789-2:2021

Agricultural tractors — Test procedures — Part 2: Rear three-point linkage lifting capacity

NBN ISO 789-6:2021

Agricultural tractors — Test procedures — Part 6: Centre of gravity

NBN ISO 789-9:2021

Agricultural tractors — Test procedures — Part 9: Power tests for drawbar

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 21432:2005 (1e uitgave)

NBN CEN/TS 15083-1:2006 (1e uitgave)

NBN CR 13582:2003 (1e uitgave)

NBN EN 50321:1999 (1e uitgave)

NBN EN 50491-3:2009 (1e uitgave)

NBN EN 50557:2012 (1e uitgave)

NBN EN 60051-5:1994 (1e uitgave)

NBN EN 60051-6:1994 (1e uitgave)

NBN EN 60051-7:1994 (1e uitgave)

NBN EN 60051-8:1994 (1e uitgave)

NBN EN 60350-2/A1:2014 (1e uitgave)

NBN EN 60350-2:2013 (1e uitgave)

NBN EN 60749-12:2003 (2e uitgave)

NBN EN 61190-1-3/A1:2010 (2e uitgave)

NBN EN 61190-1-3:2007 (2e uitgave)

NBN EN 61281-1:1999 (1e uitgave)

NBN EN 61340-4-3:2002 (1e uitgave)

NBN EN 61643-331:2004 (1e uitgave)

NBN EN 62024-1:2008 (2e uitgave)

NBN EN 62439-3:2012 (2e uitgave)

NBN EN 62439-5:2010 (1e uitgave)