

**Vernieuwde uitgebrachte EN (ISO) - Lasnormen in België (periode 03-2017 tot 03-2019)**

Datum	Oude norm	Nieuwe norm	Omschrijving
03-2017	NBN EN ISO 9013:2003	EN ISO 9013:2017	Thermal cutting - Classification of thermal cuts - Geometrical product specification and quality tolerances
05-2017	NBN EN ISO 14343:2010	EN ISO 14343:2017	Welding consumables - Wire electrodes, strip electrodes, wires and rods for arc welding of stainless and heat resisting steels
05-2017	NBN EN ISO 18276:2006	EN ISO 18276:2017	Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification
06-2017	EN ISO 3580:2011	EN ISO 3580:2017	Welding consumables - Covered electrodes for manual metal arc welding of creep resisting steels - Classification
07-2017	NBN EN ISO 14555:2014	EN ISO 14555:2017	Welding - Arc stud welding of metallic materials (ISO 14555:2017)
07-2017	NBN EN ISO 15614-1:2004 / A1 / A2	EN ISO 15614-1:2017	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys
07-2017	NBN EN ISO 636:2016	EN ISO 636:2017	Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels -Classification
09-2017	NBN EN ISO 9606-1:2013	EN ISO 9606-1:2017	Qualification testing of welders - Fusion welding - Part 1: Steels
10-2017	NBN EN ISO 14271:2011	EN ISO 14271:2017	Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds
10-2017		EN ISO 18278-3:2017	Resistance welding - Weldability - Part 3: Evaluation procedures for weldability in spot weld bonding
10-2017		EN ISO 19285:2017	Non-destructive testing of welds - Phased array ultrasonic testing (PAUT) - Acceptance levels
10-2017	NBN EN ISO 23279:2010	EN ISO 23279:2017	Non-destructive testing of welds - Ultrasonic testing - Characterization of discontinuities in welds
11-2017	NBN EN ISO 22825:2012	EN ISO 22825:2017	Non-destructive testing of welds - Ultrasonic testing - Testing of welds in austenitic steels and nickel-based alloys
11-2017	NBN EN ISO 22829:2008	EN ISO 22829:2017	Resistance welding equipment - Transformers - Integrated transformer-rectifier units for welding guns operating at 1000 Hz
12-2017	NBN EN ISO 10675-2:2013	EN ISO 10675-2:2017	Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 2: Aluminium and its alloys
12-2017	NBN EN ISO 17640:2011	EN ISO 17640:2017	Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment
12-2017	NBN EN 730-1:2003	EN ISO 5175-1:2017	Gas welding equipment - Safety devices - Part 1: Devices incorporating a flame (flashback) arrestor
12-2017	NBN EN 730-2:2003	EN ISO 5175-2:2017	Gas welding equipment - Safety devices - Part 2: Not incorporating a flame (flashback) arrestor
01-2018	NBN EN ISO 13916:1996	EN ISO 13916:2017	Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature
01-2018	NBN EN ISO 544:2011	EN ISO 544:2017	Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings
02-2018	NBN EN ISO 13918:2008	EN ISO 13918:2018	Welding - Studs and ceramic ferrules for arc stud welding
02-2018	NBN EN ISO 14114:2014	EN ISO 14114:2018	Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - General requirements
02-2018	NBN EN ISO 15011-4:2006	EN ISO 15011-4:2018	Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 4: Fume data sheets
02-2018		EN ISO 17633:2018	Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification
02-2018		EN ISO 26304:2018	Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels - Classification
02-2018	NBN EN ISO 9017:2013	EN ISO 9017:2018	Destructive tests on welds in metallic materials - Fracture test
03-2018	NBN EN ISO 11666:2011	EN ISO 11666:2018	Non-destructive testing of welds - Ultrasonic testing - Acceptance levels
04-2018		EN ISO 21904-3:2018	Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 3: Determination of the capture efficiency of on-torch welding fume extraction devices
05-2018	NBN EN 1011-8:2005	EN 1011-8:2018	Welding - Recommendations for welding of metallic materials - Part 8: Welding of cast irons
05-2018	NBN EN 287-6:2010	EN 287-6:2018	Qualification test of welders - Fusion welding - Part 6: Cast irons
08-2018	NBN EN ISO 10042:2006	NBN EN ISO 10042:2018	Welding - Arc-welded joints in aluminium and its alloys - Quality levels for imperfections (ISO 10042:2018)
08-2018	NBN EN ISO 15612:2004	NBN EN ISO 15612:2018	Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure
10-2018	NBN EN 560:2005	NBN EN 560:2018	Gas welding equipment - Hose connections for equipment for welding, cutting and allied processes
10-2018	NBN EN ISO 18275:2012	NBN EN ISO 18275:2018	Welding consumables - Covered electrodes for manual metal arc welding of high-strength steels - Classification
10-2018	NBN EN 22401:1995	NBN EN ISO 2401:2018	Welding consumables - Covered electrodes - Determination of the efficiency, metal recovery and deposition coefficient
10-2018	NBN EN ISO 24373:2009	NBN EN ISO 24373:2018	Welding consumables - Solid wires and rods for fusion welding of copper and copper alloys - Classification
10-2018	NBN EN ISO 3690:2012	NBN EN ISO 3690:2018	Welding and allied processes - Determination of hydrogen content in arc weld metal
10-2018	NBN EN ISO 8249:2000	NBN EN ISO 8249:2018	Welding - Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals
10-2018	NBN EN 12536:2000	NBN EN ISO 20378:2018	Welding consumables - Rods for gas welding of non alloy and creep-resisting steels - Classification
11-2018		EN ISO 17279-2:2018	Welding - Micro joining of 2nd generation high temperature superconductors - Part 2: Qualification for welding and testing personnel
11-2018	NBN EN ISO 17640:2017	EN ISO 17640:2018	Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment
01-2019	NBN EN 1011-3:2001 + A1:2004	NBN EN 1011-3:2018	Welding - Recommendations for welding of metallic materials - Part 3: Arc welding of stainless steels
01-2019	NBN EN 1011-6:2006	NBN EN 1011-6:2018	Welding - Recommendation for welding of metallic materials - Part 6: Laser beam welding
01-2019	NBN EN 1708-2:2000	NBN EN 1708-2:2018	Welding - Basic weld joint details in steel - Part 2: Non internal pressurized components
01-2019		NBN EN ISO 20601:2018	Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for thin-walled steel components
03-2019	NBN EN ISO 13588:2012	NBN EN ISO 13588:2019	Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology
03-2019	NBN EN ISO 5178:2011	NBN EN ISO 5178:2019	Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints