

**Vernieuwde uitgebrachte EN (ISO) - Lasnormen in België (periode 12-2017 tot 12-2019)**

Datum	Oude norm	Nieuwe norm	Omschrijving
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
04-2019	NBN EN ISO 14731:2007	NBN EN ISO 14731:2019	Welding coordination - Tasks and responsibilities
04-2019	NBN EN ISO 17677-1:2009	NBN EN ISO 17677-1:2019	Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding
04-2019	NBN EN 50504 EN 2008	NBN EN IEC 60974-14 :2019	Arc welding equipment - part 14 - calibration validation and consistency testing
05-2019	NBN EN 1090-3:2009	NBN EN 1090-3:2019	Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures
05-2019	NBN EN ISO 2553:2014	NBN EN ISO 2553:2019	Welding and allied processes - Symbolic representation on drawings - Welded joints
06-2019	NBN EN ISO 14174:2012	NBN EN ISO 14174:2019	Welding consumables - Fluxes for submerged arc welding and electroslag welding - Classification
06-2019	NBN EN ISO 24598:2012	EN ISO 24598:2019	Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode-flux
06-2019	NBN EN ISO 5171:2010	EN ISO 5171:2019	Gas welding equipment - Pressure gauges used in welding, cutting and allied processes
07-2019	NBN EN ISO 15620:2000	EN ISO 15620:2019	Welding - Friction welding of metallic materials
09-2019	NBN EN ISO 15614-1:2017	EN ISO 15614-1:2017/A1:2019	Specification and qualification of welding procedure for metallic materials - Welding procedure - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys - Amd 1
10-2019	NBN EN ISO 15609-1:2004	EN ISO 15609-1:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 1: Arc welding
10-2019	NBN EN ISO 15609-2:2001 /A1:2004	EN ISO 15609-2:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding
10-2019	NBN EN ISO 3821:2010	EN ISO 3821:2019	Gas welding equipment - Rubber hoses for welding, cutting and allied processes
10-2019	NBN EN ISO 18592:2010	EN ISO 18592:2019	Resistance welding - Destructive testing of welds - Method for the fatigue testing of multi-spot-welded specimens
11-2019	NBN EN ISO 15607:2004	EN ISO 15607:2019	Specification and qualification of welding procedures for metallic materials - General rules
11-2019	NBN EN ISO 6947:2011	EN ISO 6947:2019	Welding and allied processes - Welding positions
12-2019	NBN EN ISO 15614-7:2016	EN ISO 15614-7:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding
12-2019	NBN EN ISO 13919-1:1996	EN ISO 13919-1:2019	Electron and laser-beam welded joints - Requirements and recommendations on quality levels for imperfections - Part 1: Steel, nickel, titanium and their alloys