

CEN/TC 144 - Tractors and machinery for agriculture and forestry

CEN/TC 144 Published Standards

Reference, Title	Publication date
EN 12525:2000+A2:2010 (WI=00144267) Agricultural machinery - Front loaders - Safety	2010-03-10
EN 12733:2018 (WI=00144340) Agricultural and forestry machinery - Pedestrian controlled motor mowers - Safety	2018-10-03
EN 12965:2019 (WI=00144302) Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety	2019-12-04
EN 13080:2002 (WI=00144042) Agricultural machinery - Manure spreaders - Environmental protection - Requirements and test methods	2002-11-20
EN 13118:2000+A1:2009 (WI=00144247) Agricultural machinery - Potato harvesting equipment - Safety	2009-07-01
EN 13140:2000+A1:2009 (WI=00144263) Agricultural machinery - Sugar beet and fodder beet harvesting equipment - Safety	2009-11-11
EN 13406:2002 (WI=00144070) Agricultural machinery - Slurry tankers and spreading devices - Environmental protection - Requirements and test methods for the spreading precision	2002-11-20
EN 13448:2001+A1:2009 (WI=00144256) Agricultural and forestry machinery - Inter-row mowing units - Safety	2009-09-30
EN 13525:2005+A2:2009 (WI=00144258) Forestry machinery - Wood chippers - Safety	2009-10-21
EN 13683:2003+A2:2011 (WI=00144277) Garden equipment - Integrally powered shredders/chippers - Safety	2011-03-09

Reference, Title	Publication date
EN 13683:2003+A2:2011/AC:2013 (WI=00144C24) Garden equipment - Integrally powered shredders/chippers - Safety	2013-06-12
EN 13684:2018 (WI=00144322) Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety	2018-06-06
EN 13739-1:2011 (WI=00144237) Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 1: Requirements	2011-10-05
EN 13739-2:2011 (WI=00144234) Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 2: Test methods	2011-10-05
EN 13739-2:2011/AC:2012 (WI=00144C22) Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 2: Test methods	2012-11-21
EN 13740-1:2003 (WI=00144102) Agricultural machinery - Solid fertilizer line-distributors - Environmental protection - Part 1: Requirements	2003-04-23
EN 13740-2:2003 (WI=00144103) Agricultural machinery - Solid fertilizer line-distributors - Environmental protection - Part 2: Test methods	2003-04-23
EN 1374:2000+A1:2010 (WI=00144269) Agricultural machinery - Silos stationary unloaders for round silos - Safety	2010-04-07
EN 14910:2007+A1:2009 (WI=00144236) Garden equipment - Walk-behind combustion engine powered trimmers - Safety	2009-04-22
EN 14930:2007+A1:2009 (WI=00144227) Agricultural and forestry machinery and gardening equipment - Pedestrian controlled and hand-held machines - Determination of accessibility of hot surfaces	2009-03-04
EN 15503:2009+A2:2015 (WI=00144346) Garden equipment - Garden blowers, vacuums and blower/vacuums - Safety	2015-12-23

Reference, Title	Publication date	
EN 15694:2009+A1:2015 (WI=00144344) Agricultural and forestry tractors - Passenger seat - Requirements and test procedures	2015-11-18	
EN 15695-1:2017 (WI=00144330) Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 1: Cab classification, requirements and test procedures	2017-09-27	
EN 15695-2:2017 (WI=00144325) Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 2: Filters, requirements and test procedures	2017-09-06	
EN 15811:2014 (WI=00144309) Agricultural machinery - Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923:2012 modified)	2014-12-03	
EN 16246:2012 (WI=00144266) Agricultural machinery - Backhoes - Safety	2012-11-28	
EN 16590-2:2014 (WI=00144304) Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase (ISO 25119-2:2010 modified)	2014-04-23	
EN 16831:2016 (WI=00144316) Tractors and machinery for agriculture and forestry - Safety - Format for reporting accidents	2016-08-03	
EN 16944:2017 (WI=00144331) Agricultural machinery and tractors - Standardized access to repair and maintenance information (RMI) - Requirements	2017-09-27	
EN 16952:2018 (WI=00144326) Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety	2018-06-20	
EN 17067:2018 (WI=00144339) Forestry machinery - Safety requirements on radio remote controls	2018-12-19	
EN 1853:2017+AC:2019 (WI=00144379) Agricultural machinery - Trailers - Safety	2019-05-29	

Reference, Title	Publication date
EN 1870-6:2017 (WI=00144382) Safety of woodworking machines - Circular sawing machines - Part 6: Circular sawing machines for fire wood	2017-11-01
EN 609-1:2017 (WI=00144282) Agricultural and forestry machinery - Safety of log splitters - Part 1: Wedge splitters	2017-01-11
EN 609-2:1999+A1:2009 (WI=00144253) Agricultural and forestry machinery - Safety of log splitters - Part 2: Screw splitters	2009-09-09
EN 690:2013 (WI=00144286) Agricultural machinery - Manure spreaders - Safety	2013-10-30
EN 703:2004+A1:2009 (WI=00144243) Agricultural machinery - Silage loading, mixing and/or chopping and distributing machines - Safety	2009-07-01
EN 706:1996+A1:2009 (WI=00144239) Agricultural machinery - Vine shoot tipping machines - Safety	2009-07-01
EN 707:2018 (WI=00144327) Agricultural machinery - Slurry tankers - Safety	2018-12-12
EN 709:1997+A4:2009 (WI=00144264) Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety	2009-12-02
EN 709:1997+A4:2009/AC:2012 (WI=00144C23) Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety	2012-12-19
EN 908:1999+A1:2009 (WI=00144244) Agricultural and forestry machinery - Reel machines for irrigation - Safety	2009-07-01
EN 909:1998+A1:2009 (WI=00144241) Agricultural and forestry machinery - Centre pivot and moving lateral types irrigation machines - Safety	2009-07-01
EN ISO 10517:2019 (WI=00144338) Powered hand-held hedge trimmers - Safety (ISO 10517:2019)	2019-02-27

Reference, Title	Publication date
EN ISO 11680-1:2011 (WI=00144222) Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2011)	2011-12-01
EN ISO 11680-2:2011 (WI=00144223) Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 2: Machines for use with back-pack power source (ISO 11680-2:2011)	2011-12-01
EN ISO 11681-1:2011 (WI=00144249) Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO 11681-1:2011)	2011-12-01
EN ISO 11681-2:2011 (WI=00144250) Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2011)	2011-12-01
EN ISO 11681-2:2011/A1:2017 (WI=00144342) Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2011/Amd 1:2017)	2017-05-17
EN ISO 11806-1:2011 (WI=00144215) Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine (ISO 11806-1:2011)	2011-12-01
EN ISO 11806-2:2011 (WI=00144216) Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with back-pack power unit (ISO 11806-2:2011)	2011-12-01
EN ISO 11850:2011 (WI=00144211) Machinery for forestry - General safety requirements (ISO 11850:2011)	2011-11-15
EN ISO 11850:2011/A1:2016 (WI=00144337) Machinery for forestry - General safety requirements (ISO 11850:2011/Amd 1:2016)	2016-02-10
EN ISO 14982:2009 (WI=00144169) Agricultural and forestry machinery - Electromagnetic compatibility - Test methods and acceptance criteria (ISO 14982:1998)	2009-02-25

Reference, Title	Publication date
EN ISO 16119-1:2013 (WI=00144230) Agricultural and forestry machinery - Environmental requirements for sprayers - Part 1: General (ISO 16119-1:2013)	2013-03-06
EN ISO 16119-2:2013 (WI=00144231) Agricultural and forestry machinery - Environmental requirements for sprayers - Part 2: Horizontal boom sprayers (ISO 16119-2:2013, Corrected version 2017-03)	2013-03-06
EN ISO 16119-3:2013 (WI=00144232) Agricultural and forestry machinery - Environmental requirements for sprayers - Part 3: Sprayers for bush and tree crops (ISO 16119-3:2013)	2013-03-06
EN ISO 16119-4:2014 (WI=00144274) Agricultural and forestry machinery - Environmental requirements for sprayers - Part 4: Fixed and semi-mobile sprayers (ISO 16119-4:2014)	2014-12-10
EN ISO 16122-1:2015 (WI=00144293) Agricultural and forestry machinery - Inspection of sprayers in use - Part 1: General (ISO 16122-1:2015)	2015-03-18
EN ISO 16122-2:2015 (WI=00144292) Agricultural and forestry machinery - Inspection of sprayers in use - Part 2: Horizontal boom sprayers (ISO 16122-2:2015)	2015-03-18
EN ISO 16122-3:2015 (WI=00144291) Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush and tree crops (ISO 16122-3:2015)	2015-03-18
EN ISO 16122-4:2015 (WI=00144275) Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers (ISO 16122-4:2015)	2015-03-18
EN ISO 16230-1:2015 (WI=00144268) Agricultural machinery and tractors - Safety of higher voltage electrical and electronic components and systems - Part 1: General requirements (ISO 16230-1:2015)	2015-09-30
EN ISO 16231-1:2013 (WI=00144233) Self-propelled agricultural machinery - Assessment of stability - Part 1: Principles (ISO 16231-1:2013)	2013-05-01

Reference, Title	Publication date	
EN ISO 16231-2:2015 (WI=00144300) Self-propelled agricultural machinery - Assessment of stability - Part 2: Determination of static stability and test procedures (ISO 16231-2:2015)	2015-09-30	
EN ISO 17962:2015 (WI=00144289) Agricultural machinery - Equipment for sowing - Minimization of the environmental effects of fan exhaust from pneumatic systems (ISO 17962:2015)	2015-07-29	
EN ISO 17989-1:2015 (WI=00144290) Tractors and machinery for agriculture and forestry - Sustainability - Part 1: Principles (ISO 17989-1:2015)	2015-12-23	
EN ISO 18497:2018 (WI=00144303) Agricultural machinery and tractors - Safety of highly automated agricultural machines - Principles for design (ISO 18497:2018)	2018-12-12	
EN ISO 19932-1:2013 (WI=00144271) Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO 19932-1:2013)	2013-06-05	
EN ISO 19932-2:2013 (WI=00144272) Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO 19932-2:2013)	2013-06-05	
EN ISO 22867:2011 (WI=00144221) Forestry and gardening machinery - Vibration test code for portable hand-held machines with internal combustion engine - Vibration at the handles (ISO 22867:2011)	2011-12-15	
EN ISO 22868:2011 (WI=00144220) Forestry and gardening machinery - Noise test code for portable hand-held machines with internal combustion engine - Engineering method (Grade 2 accuracy) (ISO 22868:2011)	2011-03-01	
EN ISO 25119-1:2018 (WI=00144354) Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development (ISO 25119-1:2018)	2018-12-19	
EN ISO 25119-3:2018 (WI=00144357) Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)	2018-12-19	

Reference, Title	Publication date
EN ISO 25119-4:2018 (WI=00144356) Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2018)	2018-12-19
EN ISO 28139:2009 (WI=00144154) Agricultural and forestry machinery - Knapsack combustion-engine-driven mistblowers - Safety requirements (ISO 28139:2009)	2009-09-15
EN ISO 4254-10:2009 (WI=00144148) Agricultural machinery - Safety - Part 10: Rotary tedders and rakes (ISO 4254-10:2009)	2009-12-15
EN ISO 4254-10:2009/AC:2010 (WI=00144C17) Agricultural machinery - Safety - Part 10: Rotary tedders and rakes (ISO 4254-10:2009)	2010-10-27
EN ISO 4254-11:2010 (WI=00144152) Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010)	2010-12-15
EN ISO 4254-12:2012 (WI=00144153) Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012)	2012-06-15
EN ISO 4254-12:2012/A1:2017 (WI=00144341) Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012/Amd 1:2017)	2017-06-07
EN ISO 4254-14:2016 (WI=00144283) Agricultural machinery - Safety - Part 14: Bale wrappers (ISO 4254-14:2016)	2016-04-13
EN ISO 4254-1:2015 (WI=00144335) Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013)	2015-10-14
EN ISO 4254-5:2018 (WI=00144318) Agricultural machinery - Safety - Part 5: Power-driven soil-working machines (ISO 4254-5:2018)	2018-06-20
EN ISO 4254-6:2009 (WI=00144132) Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009)	2009-09-15

Reference, Title	Publication date
EN ISO 4254-6:2009/AC:2010 (WI=00144C15) Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009)	2010-10-27
EN ISO 4254-7:2017 (WI=00144308) Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvester (ISO 4254-7:2017, Corrected version 2019-03)	2017-12-06
EN ISO 4254-8:2018 (WI=00144314) Agricultural machinery - Safety - Part 8: Solid fertilizer distributors (ISO 4254-8:2018)	2018-05-23
EN ISO 4254-9:2018 (WI=00144317) Agricultural machinery - Safety - Part 9: Seed drills (ISO 4254-9:2018)	2018-10-31
EN ISO 5395-1:2013 (WI=00144259) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 1: Terminology and common tests (ISO 5395-1:2013)	2013-09-04
EN ISO 5395-1:2013/A1:2018 (WI=00144347) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 1: Terminology and common tests - Amendment 1: Annex G (Vibration test code - Hand-arm vibration and whole-body vibration) (ISO 5395-1:2013/Amd 1:2017)	2018-05-23
EN ISO 5395-2:2013 (WI=00144260) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (ISO 5395-2:2013)	2013-09-04
EN ISO 5395-2:2013/A1:2016 (WI=00144319) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers - Amendment 1: OPC, cutting means, pressurized hoses (ISO 5395-2:2013/Amd 1:2016)	2016-12-14
EN ISO 5395-2:2013/A2:2017 (WI=00144336) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers - Amendment 2: Cutting-means-enclosure guards (ISO 5395-2:2013/Amd 2:2017)	2017-05-24
EN ISO 5395-3:2013 (WI=00144261) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013)	2013-09-04

Reference, Title	Publication date
<p>EN ISO 5395-3:2013/A1:2017 (WI=00144320) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator - Amendment 1: OPC, Parking brake, ROPS, pressurized hoses, cutting means, grass catcher and test probe (ISO 5395-3:2013/Amd 1:2017, Corrected version 2017-03)</p>	2017-02-01
<p>EN ISO 5395-3:2013/A2:2018 (WI=00144321) Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator - Amendment 2: Cutting means enclosure guards (ISO 5395-3:2013/Amd 2:2017)</p>	2018-02-07
<p>EN ISO 5674:2009 (WI=00144208) Tractors and machinery for agriculture and forestry - Guards for power take-off (PTO) drive-shafts - Strength and wear tests and acceptance criteria (ISO 5674:2004, corrected version 2005-07-01)</p>	2009-02-25