

Maatalouskonestandardien tilannekatsaus

Tässä tilannekatsauksessa esitetään teknisten komiteoiden CEN/TC 144 (pl. WG 8) ja ISO/TC 23 sekä alakomiteoiden ISO/TC 23/SC 2, 3, 4, 6, 7, 13, 14, 17 ja 19 julkaisut ja työkohteet.

Metsäkoneita käsittelevän alakomitean ISO/TC 23/SC 15 ja työryhmän CEN/TC 144/WG 8 tilannekatsaus on erikseen. Kastelujärjestelmiä käsittelevästä alakomiteasta ISO/TC 23/SC 18 vastaa SFS.

Keltaisella on merkitty viime tilannekatsaukseen (2021-09-21) nähden muuttuneet tiedot. FI tarkoittaa, että julkaisusta on suomenkielinen käännös. Merkintä MD tarkoittaa, että julkaisu on tarkoitus yhdenmukaistaa konedirektiivin 2006/42/EY kanssa, EMC tarkoittaa yhdenmukaistamista EMC-direktiivin 2014/30/EU kanssa ja SUPD yhdenmukaistamista kasvinsuojeludirektiivin 2009/128/EY kanssa. Lihavoidut merkinnät tarkoittavat, että julkaisuihin on tällä hetkellä viittaus EU:n virallisessa lehdessä.

Lisätietoja: www.metsta.fi
[ville.saloranta\(at\)metsta.fi](mailto:ville.saloranta(at)metsta.fi)

Sisällys	Sivu
1. CEN/TC 144 Tractors and machinery for agriculture and forestry	1
2. ISO/TC 23 Tractors and machinery for agriculture and forestry	9
3. ISO/TC 23/SC 2 Common tests	11
4. ISO/TC 23/SC 3 Safety and comfort	13
5. ISO/TC 23/SC 4 Tractors	14
6. ISO/TC 23/SC 6 Equipment for crop protection	17
7. ISO/TC 23/SC 7 Equipment for harvesting and conservation	20
8. ISO/TC 23/SC 13 Powered lawn and garden equipment	22
9. ISO/TC 23/SC 14 Operator controls, operator symbols and other displays, operator manuals.....	23
10. ISO/TC 23/SC 17 Manually portable forest machinery.....	24
11. ISO/TC 23/SC 19 Agricultural electronics.....	26

1. CEN/TC 144 Tractors and machinery for agriculture and forestry

Julkaisut:

FI	DIR	Tunnus	Otsikko
	MD	EN 12525:2000+A2:2010	Agricultural machinery - Front loaders - Safety
	MD	EN 12733:2018	Agricultural and forestry machinery - Pedestrian controlled motor mowers - Safety
	MD	EN 12965:2019	Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety
		EN 13080:2002	Agricultural machinery - Manure spreaders - Environmental protection - Requirements and test methods
FI	MD	EN 13118:2000+A1:2009	Agricultural machinery - Potato harvesting equipment - Safety
	MD	EN 13140:2000+A1:2009	Agricultural machinery - Sugar beet and fodder beet harvesting equipment - Safety
		EN 13406:2002	Agricultural machinery - Slurry tankers and spreading devices - Environmental protection - Requirements and test methods for the spreading precision
	MD	EN 13448:2001+A1:2009	Agricultural and forestry machinery - Inter-row mowing units - Safety
	MD	EN 13525:2020	Forestry machinery - Wood chippers - Safety
	MD	EN 13683:2003+A2:2011	Garden equipment - Integrally powered shredders/chippers - Safety
	MD	EN 13683:2003+A2:2011/AC:2013	Garden equipment - Integrally powered shredders/chippers - Safety
	MD	EN 13684:2018	Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety
		EN 13739-1:2011	Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 1: Requirements
		EN 13739-2:2011	Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 2: Test methods
		EN 13739-2:2011/AC:2012	Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 2: Test methods
	MD	EN 1374:2000+A1:2010	Agricultural machinery - Silos stationary unloaders for round silos - Safety
		EN 13740-1:2003	Agricultural machinery - Solid fertilizer line-distributors - Environmental protection - Part 1: Requirements
		EN 13740-2:2003	Agricultural machinery - Solid fertilizer line-distributors - Environmental protection - Part 2: Test methods
	MD	EN 14910:2007+A1:2009	Garden equipment - Walk-behind combustion engine powered trimmers - Safety
FI	MD	EN 14930:2007+A1:2009	Agricultural and forestry machinery and gardening equipment - Pedestrian controlled and hand-held machines - Determination of accessibility of hot surfaces
	MD	EN 15503:2009+A2:2015	Garden equipment - Garden blowers, vacuums and blower/vacuums - Safety

	EN 15694:2009+A1:2015	Agricultural and forestry tractors - Passenger seat - Requirements and test procedures
MD	EN 15695-1:2017	Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 1: Cab classification, requirements and test procedures
MD	EN 15695-2:2017	Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 2: Filters, requirements and test procedures
MD	EN 15811:2014	Agricultural machinery - Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923:2012 modified)
MD	EN 16246:2012	Agricultural machinery - Backhoes - Safety
	EN 16831:2016	Tractors and machinery for agriculture and forestry - Safety - Format for reporting accidents
	EN 16944:2017	Agricultural machinery and tractors - Standardized access to repair and maintenance information (RMI) - Requirements
MD	EN 16952:2018+A1:2021	Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety
	EN 17344:2020	Agricultural machinery - Self-propelled agricultural and forestry vehicles - Requirements for braking
MD	EN 1853:2017+AC:2019	Agricultural machinery - Trailers - Safety
MD	EN 1870-6:2017	Safety of woodworking machines - Circular sawing machines - Part 6: Circular sawing machines for fire wood
MD	EN 690:2013	Agricultural machinery - Manure spreaders - Safety
MD	EN 703:2021	Agricultural machinery - Safety - Silage loading, mixing and/or chopping and distributing machines
MD	EN 706:1996+A1:2009	Agricultural machinery - Vine shoot tipping machines - Safety
MD	EN 707:2018	Agricultural machinery - Slurry tankers - Safety
MD	EN 709:1997+A4:2009	Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety
MD	EN 709:1997+A4:2009/AC:2012	Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety
MD	EN 908:1999+A1:2009	Agricultural and forestry machinery - Reel machines for irrigation - Safety
MD	EN 909:1998+A1:2009	Agricultural and forestry machinery - Centre pivot and moving lateral types irrigation machines - Safety
MD	EN ISO 10517:2019	Powered hand-held hedge trimmers - Safety (ISO 10517:2019)
MD	EN ISO 11680-1:2021	Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2021)
MD	EN ISO 11680-2:2021	Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 2: Machines for use with back-pack power source (ISO 11680-2:2021)
MD	EN ISO 11681-1:2011	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO 11681-1:2011)

MD	EN ISO 11681-2:2011	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2011)
MD	EN ISO 11681-2:2011/A1:2017	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2011/Amd 1:2017)
MD	EN ISO 11806-1:2011	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)
MD	EN ISO 11806-2:2021	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 11806-2:2021)
MD EMC	EN ISO 14982:2009	Agricultural and forestry machinery - Electromagnetic compatibility - Test methods and acceptance criteria (ISO 14982:1998)
MD	EN ISO 16119-1:2013	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 1: General (ISO 16119-1:2013)
MD	EN ISO 16119-2:2013	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 2: Horizontal boom sprayers (ISO 16119-2:2013, Corrected version 2017-03)
MD	EN ISO 16119-3:2013	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 3: Sprayers for bush and tree crops (ISO 16119-3:2013)
MD	EN ISO 16119-4:2014	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 4: Fixed and semi-mobile sprayers (ISO 16119-4:2014)
SUPD	EN ISO 16122-1:2015	Agricultural and forestry machinery - Inspection of sprayers in use - Part 1: General (ISO 16122-1:2015)
SUPD	EN ISO 16122-2:2015	Agricultural and forestry machinery - Inspection of sprayers in use - Part 2: Horizontal boom sprayers (ISO 16122-2:2015)
SUPD	EN ISO 16122-3:2015	Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush and tree crops (ISO 16122-3:2015)
SUPD	EN ISO 16122-4:2015	Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers (ISO 16122-4:2015)
SUPD	EN ISO 16122-5:2020	Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems (ISO 16122-5:2020)
MD	EN ISO 16230-1:2015	Agricultural machinery and tractors - Safety of higher voltage electrical and electronic components and systems - Part 1: General requirements (ISO 16230-1:2015)
MD	EN ISO 16231-1:2013	Self-propelled agricultural machinery - Assessment of stability - Part 1: Principles (ISO 16231-1:2013)
MD	EN ISO 16231-2:2015	Self-propelled agricultural machinery - Assessment of stability - Part 2: Determination of static stability and test procedures (ISO 16231-2:2015)

	EN ISO 17962:2015	Agricultural machinery - Equipment for sowing - Minimization of the environmental effects of fan exhaust from pneumatic systems (ISO 17962:2015)
	EN ISO 17962:2015/A1:2022	Agricultural machinery - Equipment for sowing - Minimization of the environmental effects of fan exhaust from pneumatic systems - Amendment 1 (ISO 17962:2015/Amd 1:2021)
	EN ISO 17989-1:2015	Tractors and machinery for agriculture and forestry - Sustainability - Part 1: Principles (ISO 17989-1:2015)
MD	EN ISO 18497:2018	Agricultural machinery and tractors - Safety of highly automated agricultural machines - Principles for design (ISO 18497:2018)
MD	EN ISO 19932-1:2013	Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO 19932-1:2013)
MD	EN ISO 19932-2:2013	Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO 19932-2:2013)
MD	EN ISO 22867:2021	Forestry and gardening machinery - Vibration test code for portable hand-held machines with internal combustion engine - Vibration at the handles (ISO 22867:2021)
MD	EN ISO 22868:2021	Forestry and gardening machinery - Noise test code for portable hand-held machines with internal combustion engine - Engineering method (Grade 2 accuracy) (ISO 22868:2021)
MD	EN ISO 28139:2021	Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods (ISO 28139:2019)
MD	EN ISO 4254-1:2015	Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013)
MD	EN ISO 4254-1:2015/A1:2021	Agricultural machinery - Safety - Part 1: General requirements - Amendment 1 (ISO 4254-1:2013/Amd 1:2021)
MD	EN ISO 4254-10:2009	Agricultural machinery - Safety - Part 10: Rotary tedders and rakes (ISO 4254-10:2009)
MD	EN ISO 4254-10:2009/AC:2010	Agricultural machinery - Safety - Part 10: Rotary tedders and rakes (ISO 4254-10:2009)
MD	EN ISO 4254-11:2010	Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010)
MD	EN ISO 4254-11:2010/A1:2020	Agricultural machinery - Safety - Part 11: Pick-up balers - Amendment 1 (ISO 4254-11:2010/Amd 1:2020)
MD	EN ISO 4254-12:2012	Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012)
MD	EN ISO 4254-12:2012/A1:2017	Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012/Amd 1:2017)
MD	EN ISO 4254-14:2016	Agricultural machinery - Safety - Part 14: Bale wrappers (ISO 4254-14:2016)
MD	EN ISO 4254-5:2018	Agricultural machinery - Safety - Part 5: Power-driven soil-working machines (ISO 4254-5:2018)
MD	EN ISO 4254-6:2020	Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2020)

MD	EN ISO 4254-6:2020/A11:2021	Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2020)
MD	EN ISO 4254-7:2017	Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters (ISO 4254-7:2017, Corrected version 2019-03)
MD	EN ISO 4254-8:2018	Agricultural machinery - Safety - Part 8: Solid fertilizer distributors (ISO 4254-8:2018)
MD	EN ISO 4254-9:2018	Agricultural machinery - Safety - Part 9: Seed drills (ISO 4254-9:2018)
MD	EN ISO 5395-1:2013	Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 1: Terminology and common tests (ISO 5395-1:2013)
MD	EN ISO 5395-1:2013/A1:2018	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)
MD	EN ISO 5395-2:2013	Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (ISO 5395-2:2013)
MD	EN ISO 5395-2:2013/A1:2016	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)
MD	EN ISO 5395-2:2013/A2:2017	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)
MD	EN ISO 5395-3:2013	Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013)
MD	EN ISO 5395-3:2013/A1:2017	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)
MD	EN ISO 5395-3:2013/A2:2018	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)
FI MD	EN ISO 5674:2009	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)
MD	EN ISO 8437-1:2021	Snow throwers - Safety requirements and test procedures - Part 1: Terminology and common tests (ISO 8437-1:2019)
MD	EN ISO 8437-2:2021	Snow throwers - Safety requirements and test procedures - Part 2: Pedestrian-controlled snow throwers (ISO 8437-2:2019)

MD	EN ISO 8437-3:2021	Snow throwers - Safety requirements and test procedures - Part 3: Ride-on snow throwers (ISO 8437-3:2019)
MD	EN ISO 8437-4:2021	Snow throwers - Safety requirements and test procedures - Part 4: Additional national and regional requirements (ISO 8437-4:2019)

Tekeillä:

DIR	Tunnus	Otsikko	Vaihe	Vaiheen pvm
MD	EN ISO 11680-1	Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2022)	Ratifioitu (DOR)	26.12.2021
MD	FprEN ISO 11681-1	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO/FDIS 11681-1:2020)	Ratifioitu (DOR)	16.1.2022
MD	FprEN ISO 11681-2	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO/FDIS 11681-2:2020)	Ratifioitu (DOR)	16.1.2022
MD	FprEN ISO 4254-17	Agricultural machinery - Safety - Part 17: Root crop harvesters (ISO 4254-17:2022)	Ratifioitu (DOR)	17.1.2022
MD EMC	prEN ISO 14982-1	Agricultural and forestry machinery - Electromagnetic compatibility - Test methods and acceptance criteria - Part 1: General EMC requirements (ISO/DIS 14982-1:2021)	Äänestysluonnos lähetetty CENiin	13.1.2022
MD	prEN ISO 14982-2	Agricultural and forestry machinery - Electromagnetic compatibility - Part 2: Additional EMC requirements for functional safety (ISO/DIS 14982-2:2021)	Äänestysluonnos lähetetty CENiin	21.2.2022
MD	prEN ISO 16119-5	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 5: Aerial spray systems (ISO/DIS 16119-5:2021)	Äänestysluonnos lähetetty CENiin	14.2.2022
MD	EN 13684:2018/prA1	Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety	Lausuntokierros päättyy	24.9.2020
MD	EN ISO 25119-1:202X/prA1	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development - Amendment 1 (ISO 25119-1:2018/Amd 1:2020)	Lausuntokierros päättyy	12.2.2022
MD	EN ISO 25119-3:202X/prA1	Tractors and machinery for agriculture and forestry - Safety-related parts of	Lausuntokierros päättyy	12.2.2022

		control systems - Part 3: Series development, hardware and software - Amendment 1 (ISO 25119-3:2018/Amd 1:2020)		
MD	EN ISO 25119-4:202X/prA1	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes - Amendment 1 (ISO 25119-4:2018/Amd 1:2020)	Lausuntokierros päättyy	12.2.2022
MD	EN ISO 28139:2021/prA1	Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods - Amendment 1 (ISO 28139:2019/DAM 1:2021)	Lausuntokierros päättyy	10.12.2021
	prEN 17750	Agricultural and forestry machinery - "Light-signalling devices and installation on mounted implements	Lausuntokierros päättyy	30.12.2021
MD	prEN ISO 25119-1	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)	Lausuntokierros päättyy	12.2.2022
MD	prEN ISO 25119-2	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase (ISO 25119-2:2019)	Lausuntokierros päättyy	12.2.2022
MD	prEN ISO 25119-3	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)	Lausuntokierros päättyy	12.2.2022
MD	prEN ISO 25119-4	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)	Lausuntokierros päättyy	12.2.2022
MD	prEN ISO 18497-1 rev	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 1: Machine design principles and vocabulary (ISO/DIS 18497-1:2022)	Lausuntokierros alkaa	17.2.2022
MD	prEN ISO 4254-19	Agricultural machinery - Safety - Part 19: Feed mixing machines	Lausuntoluonnos lähetetty	16.2.2022
MD	prEN ISO 5674 rev	Tractors and machinery for agriculture and forestry - Guards for power take-off (PTO) drive-shafts - Strength and wear tests and acceptance criteria	Lausuntoluonnos lähetetty	10.3.2022

MD	prEN 17744	Agricultural and forestry machinery - Environmental requirements for dusters	1. luonnos lähetetty	28.6.2021
MD	prEN 17745	Agricultural and forestry machinery - Environmental requirements for granule applicator of Plant Protection Products	1. luonnos lähetetty	28.6.2021
MD	prEN ISO 18497-2 rev	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 2: Design principles for obstacle protection systems	1. luonnos lähetetty	10.12.2021
MD	prEN ISO 19932-1 rev	Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements	1. luonnos lähetetty	1.12.2021
MD	prEN ISO 19932-2 rev	Equipment for crop protection - Knapsack sprayers - Part 2: Test methods	1. luonnos lähetetty	1.12.2021
MD	prEN ISO 19932-3	Equipment for crop protection -- Knapsack sprayers -- Part 3: Inspection of knapsack sprayers in use	1. luonnos lähetetty	1.12.2021
MD	prEN ISO 3991	Agricultural machinery - Robotic feed systems - Safety	1. luonnos lähetetty	5.5.2021
MD	prEN ISO 4254-20	Agricultural machinery - Safety - Part 20: Grape, olives and coffee harvesters	1. luonnos lähetetty	27.5.2021
MD	prEN XXX	Equipment for vine cultivation and wine making - Safety - Must and grape harvest pumps	1. luonnos lähetetty	20.1.2022
MD	EN ISO 4254-7:2017/prA1	Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters - Amendment 1:	Työkohde hyväksytty	28.2.2020
MD	EN ISO 8437-1:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 1: Terminology and common tests - Amendment 1	Työkohde hyväksytty	14.10.2021
MD	EN ISO 8437-1:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 2: Pedestrian-controlled snow throwers - Amendment 1	Työkohde hyväksytty	14.10.2021
MD	EN ISO 8437-1:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 3: Ride-on snow throwers - Amendment 1	Työkohde hyväksytty	14.10.2021
MD	EN ISO 8437-1:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 4: Additional national and regional requirements - Amendment 1	Työkohde hyväksytty	14.10.2021
SUPD	prEN ISO 16122-1 rev	Agricultural and forestry machinery - Inspection of sprayers in use - Part 1: General	Työkohde hyväksytty	7.7.2021
SUPD	prEN ISO 16122-2 rev	Agricultural and forestry machinery - Inspection of sprayers in use - Part 2: Horizontal boom sprayers	Työkohde hyväksytty	7.7.2021

SUPD	prEN ISO 16122-3 rev	Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush and tree crops	Työkohde hyväksytty	7.7.2021
SUPD	prEN ISO 16122-4 rev	Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers	Työkohde hyväksytty	7.7.2021
MD	prEN ISO 18497-3	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 3: Design principles for autonomous operating zones	Työkohde hyväksytty	22.2.2022
MD		Agricultural machinery - " Safety - " Compact tool carriers	Alustava työkohde	28.8.2020
SUPD	EN ISO 16122-4:2015/prAC	Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers	Työkohde keskeytetty	30.11.2021
MD	prEN ISO 4254-18	Agricultural machinery - Safety - Part 18: Loader wagons and forage transport wagons (ISO/DIS 4254-18:2019)	Työkohde keskeytetty	21.12.2021

2. ISO/TC 23 Tractors and machinery for agriculture and forestry

Julkaisut:

FI	Tunnus	Otsikko
	ISO 17989-1:2015	Tractors and machinery for agriculture and forestry — Sustainability — Part 1: Principles
	ISO 20966:2007	Automatic milking installations — Requirements and testing
	ISO 22172-1:2020	Agricultural vehicles — Standardized access to repair and maintenance information (RMI) — Part 1: User interface requirements for web-based information systems
	ISO 22172-2:2021	Agricultural vehicles — Standardized access to repair and maintenance information (RMI) — Part 2: Vehicle on-board diagnostics
	ISO 23130:2020	Milking and cooling machine installations — Monitoring device for bulk milk cooling tanks — Requirements
	ISO 3835-1:1976	Equipment for vine cultivation and wine making — Vocabulary
	ISO 3835-3:1980	Equipment for vine cultivation and wine making — Vocabulary
	ISO 3835-4:1981	Equipment for vine cultivation and wine making — Vocabulary
FI	ISO 3918:2007	Milking machine installations — Vocabulary
	ISO 4002-1:1979	Equipment for sowing and planting — Part 1: Concave disks type D1 — Dimensions
	ISO 4002-2:1977	Equipment for sowing and planting — Disks — Part 2: Flat disks type D2 with single bevel — Dimensions
	ISO 4197:1989	Equipment for working the soil — Hoe blades — Fixing dimensions
FI	ISO 5678:1993	Agricultural machinery — Equipment for working the soil — S-tines: main dimensions and clearance zones
	ISO 5679:1979	Equipment for working the soil — Disks — Classification, main fixing dimensions and specifications

ISO 5680:1979	Equipment for working soil — Tines and shovels for cultivators — Main fixing dimensions
ISO 5690-1:1985	Equipment for distributing fertilizers — Test methods — Part 1: Full width fertilizer distributors
ISO 5690-2:1984	Equipment for distributing fertilizers — Test methods — Part 2: Fertilizer distributors in lines
ISO 5691:1981	Equipment for planting — Potato planters — Method of testing
ISO 5699:1979	Agricultural machines, implements and equipment — Dimensions for mechanical loading with bulk goods
ISO 5703:1979	Equipment for vine cultivation and wine making — Grape presses — Methods of test
ISO 5704:1980	Equipment for vine cultivation and wine making — Grape-harvesting machinery — Test methods
FI ISO 5707:2007	Milking machine installations — Construction and performance
ISO 5708:1983	Refrigerated bulk milk tanks
ISO 5710:1980	Equipment for internal farm work and husbandry — Continuous manure scraper conveyors for stalls
FI ISO 5713:1990	Equipment for working the soil — Fixing bolts for soil working elements
FI ISO 6690:2007	Milking machine installations — Mechanical tests
FI ISO 6720:1989	Agricultural machinery — Equipment for sowing, planting, distributing fertilizers and spraying — Recommended working widths
ISO 6880:1983	Machinery for agriculture — Trailed units of shallow tillage equipment — Main dimensions and attachment points
ISO 7224:1983	Equipment for vine cultivation and wine making — Mash pumps — Methods of test
ISO 7256-1:1984	Sowing equipment — Test methods — Part 1: Single seed drills (precision drills)
ISO 7256-2:1984	Sowing equipment — Test methods — Part 2: Seed drills for sowing in lines
ISO 8016:1985	Machinery for agriculture — Wheels with integral hub
ISO 8088:1994	Equipment for olive cultivation and olive oil production — Vocabulary
FI ISO 8910:1993	Machinery and equipment for working the soil — Mouldboard plough working elements — Vocabulary
ISO 8945:1989	Equipment for working the soil — Rotary cultivator blades — Fixing dimensions
ISO 8947:1993	Agricultural machinery — Equipment for working the soil — S-tines: test method

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/AWI 20966	Automatic milking installations — Requirements and testing	Työkohde rekisteröity	14.10.2021
ISO/AWI 3918	Milking machine installations — Vocabulary	Työkohde rekisteröity	14.10.2021
ISO/AWI 5707	Milking machine installations — Construction and performance	Työkohde rekisteröity	14.10.2021
ISO/DIS 22494	Disc ploughs — Specifications and test method	Työkohde keskeytetty	4.1.2022
ISO/DIS 22495	Chisel ploughs — Specifications and test method	Työkohde keskeytetty	4.1.2022

3. ISO/TC 23/SC 2 Common tests

Julkaisut:

FI	Tunnus	Otsikko
	ISO 12003-1:2021	Tractors for agriculture and forestry — Roll-over protective structures on narrow tractors — Part 1: Front-mounted ROPS
	ISO 12003-2:2021	Tractors for agriculture and forestry — Roll-over protective structures on narrow tractors — Part 2: Rear-mounted ROPS
	ISO 12368:2001	Agricultural vehicles — Mechanical hook-type connections on towing vehicles — Test methods and requirements
	ISO 12934:2021	Tractors and machinery for agriculture and forestry — Basic types — Vocabulary
	ISO 14269-1:1997	Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 1: Vocabulary
	ISO 14269-2:1997	Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 2: Heating, ventilation and air-conditioning test method and performance
	ISO 14269-3:1997	Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 3: Determination of effect of solar heating
	ISO 14269-4:1997	Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 4: Air filter element test method
	ISO 14269-5:1997	Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 5: Pressurization system test method
	ISO 14982:1998	Agricultural and forestry machinery — Electromagnetic compatibility — Test methods and acceptance criteria
	ISO 27850:2013	Tractors for agriculture and forestry — Falling object protective structures — Test procedures and performance requirements
	ISO 3463:2006	Tractors for agriculture and forestry — Roll-over protective structures (ROPS) — Dynamic test method and acceptance conditions
	ISO 3776-2:2013	Tractors and machinery for agriculture — Seat belts — Part 2: Anchorage strength requirements
	ISO 3776-3:2009	Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies
	ISO 3965:1990	Agricultural wheeled tractors — Maximum speeds — Method of determination
	ISO 5007:2003	Agricultural wheeled tractors — Operator's seat — Laboratory measurement of transmitted vibration
	ISO 5008:2002	Agricultural wheeled tractors and field machinery — Measurement of whole-body vibration of the operator
	ISO 5008:2002/Cor 1:2005	Agricultural wheeled tractors and field machinery — Measurement of whole-body vibration of the operator — Technical Corrigendum 1
	ISO 5131:2015	Tractors for agriculture and forestry — Measurement of noise at the operator's position — Survey method
	ISO 5674:2004	Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria
	ISO 5696:1984	Trailed agricultural vehicles — Brakes and braking devices — Laboratory test method
	ISO 5697:1982	Agricultural and forestry vehicles — Determination of braking performance
	ISO 5700:2013	Tractors for agriculture and forestry — Roll-over protective structures — Static test method and acceptance conditions

ISO 7216:2015	Agricultural and forestry tractors — Measurement of noise emitted when in motion
ISO 789-1:2018	Agricultural tractors — Test procedures — Part 1: Power tests for power take-off
ISO 789-11:1996	Agricultural tractors — Test procedures — Part 11: Steering capability of wheeled tractors
ISO 789-12:2000	Agricultural tractors — Test procedures — Part 12: Low temperature starting
ISO 789-13:2018	Agricultural tractors — Test procedures — Part 13: Vocabulary and specimen test report
ISO 789-2:2018	Agricultural tractors — Test procedures — Part 2: Rear three-point linkage lifting capacity
ISO 789-3:2015	Agricultural tractors — Test procedures — Part 3: Turning and clearance diameters
ISO 789-4:1986	Agricultural tractors — Test procedures — Part 4: Measurement of exhaust smoke
ISO 789-5:1983	Agricultural tractors — Test procedures — Part 5: Partial power PTO — Non-mechanically transmitted power
ISO 789-6:2019	Agricultural tractors — Test procedures — Part 6: Centre of gravity
ISO 789-7:1991	Agricultural tractors — Test procedures — Part 7: Axle power determination
ISO 789-8:1991	Agricultural tractors — Test procedures — Part 8: Engine air cleaner
ISO 789-9:2018	Agricultural tractors — Test procedures — Part 9: Power tests for drawbar
ISO/OECD 789-10:2006	Agricultural tractors — Test procedures — Part 10: Hydraulic power at tractor/implement interface

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/FDIS 14982-1	Agricultural and forestry machinery — Electromagnetic compatibility — Part 1: General EMC requirements	Loppuäänestys rekisteröity	13.1.2022
ISO/FDIS 14982-2	Agricultural and forestry machinery — Electromagnetic compatibility — Part 2: Additional EMC requirements for functional safety	Loppuäänestys rekisteröity	13.1.2022
ISO/DIS 5674	Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria	Lausuntovaihe rekisteröity	1.3.2022
ISO/AWI 3020-1	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 1: Terminology and overview	Hyväksytty työkohteeksi	20.10.2022
ISO/AWI 3020-2	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 2: Cab and HVAC design concepts	Hyväksytty työkohteeksi	20.10.2022
ISO/AWI 3020-3	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 3: Classification, requirements and test procedures	Hyväksytty työkohteeksi	20.10.2022

ISO/AWI 3020-4	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 4: Filters – Requirements and test procedures	Hyväksytty työkohteeksi	20.10.2022
ISO/AWI 3020-5	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 5: System validation	Hyväksytty työkohteeksi	20.10.2022
ISO/AWI 3020	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances	Työkohde keskeytetty	20.10.2021

4. ISO/TC 23/SC 3 Safety and comfort

Julkaisut:

FI	Tunnus	Otsikko
	ISO 12140-1:2020	Agricultural trailers and trailed equipment — Drawbar jacks — Part 1: Design safety, test methods and acceptance criteria
	ISO 12140-2:2020	Agricultural trailers and trailed equipment — Drawbar jacks — Part 2: Application safety, test methods and acceptance criteria
	ISO 15077:2020	Tractors and self-propelled machinery for agriculture — Operator controls — Actuating forces, displacement, location and method of operation
	ISO 16231-1:2013	Self-propelled agricultural machinery — Assessment of stability — Part 1: Principles
	ISO 16231-2:2015	Self-propelled agricultural machinery — Assessment of stability — Part 2: Determination of static stability and test procedures
	ISO 17962:2015	Agricultural machinery — Equipment for sowing — Minimization of the environmental effects of fan exhaust from pneumatic systems
	ISO 17962:2015 /Amd 1:2021	Agricultural machinery — Equipment for sowing — Minimization of the environmental effects of fan exhaust from pneumatic systems — Amendment 1
	ISO 3776-1:2006	Tractors and machinery for agriculture — Seat belts — Part 1: Anchorage location requirements
	ISO 4254-1:2013	Agricultural machinery — Safety — Part 1: General requirements
	ISO 4254-1:2013/Amd 1:2021	Agricultural machinery — Safety — Part 1: General requirements — Amendment 1
	ISO 4254-16:2018	Agricultural machinery — Safety — Part 16: Portable agricultural grain augers
	ISO 4254-5:2018	Agricultural machinery — Safety — Part 5: Power-driven soil-working machines
	ISO 4254-8:2018	Agricultural machinery — Safety — Part 8: Solid fertilizer distributors
	ISO 4254-9:2018	Agricultural machinery — Safety — Part 9: Seed drills
	ISO/TS 28923:2012	Agricultural machinery — Guards for moving parts of power transmission — Guard opening with tool
	ISO/TS 28924:2007	Agricultural machinery - Guards for moving parts of power transmission - Guard opening without tool

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/DIS 4254-19	Agricultural machinery — Safety — Part 19: Feed mixing machines	Lausuntovaihe rekisteröity	9.2.2022

ISO/CD 3991	Agricultural machinery — Robotic feed systems — Safety	Komiteavaihe päättyy	1.5.2021
-------------	--	----------------------	----------

5. ISO/TC 23/SC 4 Tractors

Julkaisut:

FI	Tunnus	Otsikko
	ISO 10448:2021	Agricultural tractors — Hydraulic pressure for implements
	ISO 10998:2008	Agricultural tractors — Requirements for steering
	ISO 10998:2008/Amd 1:2014	Agricultural tractors — Requirements for steering — Amendment 1
FI	ISO 11001-1:2016	Agricultural wheeled tractors — Three-point hitch couplers — Part 1: U-frame coupler
FI	ISO 11001-2:1993	Agricultural wheeled tractors and implements — Three-point hitch couplers — Part 2: A-frame coupler
FI	ISO 11001-3:2009	Agricultural wheeled tractors and implements — Three-point hitch couplers — Part 3: Link coupler
	ISO 11001-4:1994	Agricultural wheeled tractors and implements — Three-point hitch couplers — Part 4: Bar coupler
	ISO 11471:1995	Agricultural tractors and machinery — Coding of remote hydraulic power services and controls
	ISO 16154:2005	Tractors and machinery for agriculture and forestry — Installation of lighting, light signalling and marking devices for travel on public roadways
	ISO 17567:2020	Agricultural and forestry tractors and implements — Hydraulic power beyond
	ISO 17612:2004	Tractors and machinery for agriculture and forestry — Auxiliary-power-transmission connector for the operator station
FI	ISO 17900:2002	Agricultural trailers — Balanced and semi-mounted trailers — Determination of payload, vertical static load and axle load
FI	ISO 20019:2001	Agricultural vehicles — Mechanical connections on towed vehicles — Dimensions for hitch rings
	ISO 20019:2001/Cor 1:2004	Agricultural vehicles — Mechanical connections on towed vehicles — Dimensions for hitch rings — Technical Corrigendum 1
	ISO 20383:2017	Tractors and machinery for agriculture and forestry — Speed Identification Sign (SIS)
	ISO 2057:1981	Agricultural tractors — Remote control hydraulic cylinders for trailed implements
	ISO 21244:2008	Agricultural equipment — Mechanical connections between towed and towing vehicles — Implement hitch rings and attachment to tractor drawbars
	ISO 22471:2020	Permissible mechanical connection combinations between towed and towing agricultural vehicles
	ISO 23205:2014	Agricultural tractors — Instructional seat
FI	ISO 23206:2005	Agricultural wheeled tractors and attachments — Front loaders — Carriages for attachments
	ISO 23206:2005/Cor 1:2007	Agricultural wheeled tractors and attachments — Front loaders — Carriages for attachments — Technical Corrigendum 1
	ISO 2332:2009	Agricultural tractors and machinery — Connection of implements via three-point linkage — Clearance zone around implement

FI ISO 24347:2019	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Dimensions of ball coupling device (80 mm)
ISO 26322-1:2008	Tractors for agriculture and forestry — Safety — Part 1: Standard tractors
ISO 26322-2:2010	Tractors for agriculture and forestry — Safety — Part 2: Narrow-track and small tractors
FI ISO 26402:2008	Agricultural vehicles — Steering systems for agricultural trailers — Interface for articulated steering device of semi-mounted trailers
ISO 4004:1983	Agricultural tractors and machinery — Track widths
ISO 4252:2007	Agricultural tractors — Operator's workplace, access and exit — Dimensions
ISO 4253:1993	Agricultural tractors — Operator's seating accommodation — Dimensions
FI ISO 500-1:2014	Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone
FI ISO 500-2:2004	Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 2: Narrow-track tractors, dimensions for master shield and clearance zone
FI ISO 500-3:2014	Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 3: Main PTO dimensions and spline dimensions, location of PTO
ISO 5670:1984	Agricultural trailers — Single-acting telescopic tipping cylinders — 25 MPa (250 bar) series — Types 1, 2 and 3 — Interchangeability dimensions
FI ISO 5673-1:2005	Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 1: General manufacturing and safety requirements
FI ISO 5673-2:2005	Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 2: Specification for use of PTO drive shafts, and position and clearance of PTO drive line and PIC for various attachments
FI ISO 5675:2021	Agricultural tractors and machinery — General purpose quick-action hydraulic couplers
ISO 5676:1983	Tractors and machinery for agriculture and forestry — Hydraulic coupling — Braking circuit
FI ISO 5692-1:2004	Agricultural vehicles — Mechanical connections on towed vehicles — Part 1: Dimensions for hitch rings of 50/30 mm cross section
FI ISO 5692-2:2002	Agricultural vehicles — Mechanical connections on towed vehicles — Part 2: Coupling ring 40 with socket
ISO 5692-2:2002/Cor 1:2004	Agricultural vehicles — Mechanical connections on towed vehicles — Part 2: Coupling ring 40 with socket — Technical Corrigendum 1
ISO 5692-3:2011	Agricultural vehicles — Mechanical connections on towed vehicles — Part 3: Swivel hitch rings
ISO 5711:1995	Tractors and machinery for agriculture and forestry — Wheel-to-hub fixing dimensions
ISO 5721-1:2013	Agricultural tractors — Requirements, test procedures and acceptance criteria for the operator's field of vision — Part 1: Field of vision to the front
ISO 5721-2:2014	Agricultural tractors — Requirements, test procedures and acceptance criteria for the operator's field of vision — Part 2: Field of vision to the side and to the rear
FI ISO 6489-1:2001	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 1: Dimensions of hitch-hooks
FI ISO 6489-2:2002	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 2: Specifications for clevis coupling 40
ISO 6489-3:2021	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar
FI ISO 6489-4:2004	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 4: Dimensions of piton-type coupling

ISO 6489-5:2019	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 5: Specifications for non-swivel clevis couplings
FI ISO 7072:1993	Tractors and machinery for agriculture and forestry — Linch pins and spring pins — Dimensions and requirements
ISO 730:2009	Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4
ISO 730:2009/Amd 1:2014	Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 — Amendment 1
ISO 8759-1:2018	Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO
ISO 8759-2:1998	Agricultural wheeled tractors — Front-mounted equipment — Part 2: Stationary equipment connection
ISO 8759-3:2018	Agricultural tractors — Front-mounted equipment — Part 3: Power take-off: General specifications and location
ISO 8759-4:2018	Agricultural tractors — Front-mounted equipment — Part 4: Three-point linkage
ISO 8935:1990	Tractors for agriculture and forestry — Mountings and apertures for external equipment controls

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/DIS 5676	Tractors and machinery for agriculture and forestry — Hydraulic coupling — Braking circuit	Lausuntovaihe päättyy	18.3.2022
ISO/CD 11471	Agricultural tractors and machinery — Coding of remote hydraulic power services and controls	Komiteavaihe päättyy	11.9.2021
ISO/WD 4290	Agricultural wheeled tractors and attachments — Front loaders — Dimensional and operational ratings	Luonnoksen kommentointi alkaa	30.1.2020
ISO 22471:2020/AWI Amd 1	Permissible mechanical connection combinations between towed and towing agricultural vehicles — Amendment 1: Permissible mechanical connection combinations between towed and towing agricultural vehicles	Työkohde rekisteröity	6.10.2021
ISO/AWI 20019	Agricultural vehicles — Mechanical connections on towed vehicles — Dimensions for hitch rings	Työkohde rekisteröity	4.10.2021
ISO 6489-5:2019/PWI Amd 1	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 5: Specifications for non-swivel clevis couplings — Amendment 1	Alustavan työkohteen äänestys päättyy	25.11.2021

6. ISO/TC 23/SC 6 Equipment for crop protection

Julkaisut:

FI	Tunnus	Otsikko
	ISO 10625:2018	Equipment for crop protection — Sprayer nozzles — Colour coding for identification
	ISO 10626:1991	Equipment for crop protection — Sprayers — Connecting dimensions for nozzles with bayonet fixing
	ISO 12809:2020	Crop protection equipment — Reciprocating positive displacement pumps and centrifugal pumps — Test method
	ISO 13440:1996	Equipment for crop protection — Agricultural sprayers — Determination of the volume of total residual
	ISO 13441-1:1997	Air-assisted agricultural sprayers — Data sheets — Part 1: Typical layout
	ISO 13441-2:1997	Air-assisted agricultural sprayers — Data sheets — Part 2: Technical specifications related to components
	ISO 14131:2005	Agricultural sprayers — Boom steadiness — Test methods
	ISO 16119-1:2013	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 1: General
	ISO 16119-2:2013	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 2: Horizontal boom sprayers
	ISO 16119-3:2013	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 3: Sprayers for bush and tree crops
	ISO 16119-4:2014	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 4: Fixed and semi-mobile sprayers
	ISO 16122-1:2015	Agricultural and forestry machinery — Inspection of sprayers in use — Part 1: General
	ISO 16122-2:2015	Agricultural and forestry machinery — Inspection of sprayers in use — Part 2: Horizontal boom sprayers
	ISO 16122-3:2015	Agricultural and forestry machinery — Inspection of sprayers in use — Part 3: Sprayers for bush and tree crops
	ISO 16122-4:2015	Agricultural and forestry machines — Inspection of sprayers in use — Part 4: Fixed and semi-mobile sprayers
	ISO 16122-5:2020	Agricultural and forestry machines — Inspection of sprayers in use — Part 5: Aerial spray systems
	ISO 16236:2013	Crop protection equipment — Test method for the determination of drainable volume and its concentration
	ISO 19732:2007	Equipment for crop protection — Sprayer filters — Colour coding for identification
	ISO 19932-1:2013	Equipment for crop protection — Knapsack sprayers — Part 1: Safety and environmental requirements
	ISO 19932-2:2013	Equipment for crop protection — Knapsack sprayers — Part 2: Test methods
	ISO 21191:2021	Equipment for crop protection — Closed transfer systems (CTS) — Performance specification
	ISO 21278-1:2008	Equipment for crop protection — Induction hoppers — Part 1: Test methods
	ISO 21278-2:2008	Equipment for crop protection — Induction hoppers — Part 2: General requirements and performance limits
	ISO 22368-1:2004	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 1: Internal cleaning of complete sprayers
	ISO 22368-2:2004	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 2: External cleaning of sprayers

ISO 22368-3:2004	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 3: Internal cleaning of tank
ISO 22369-1:2006	Crop protection equipment — Drift classification of spraying equipment — Part 1: Classes
ISO 22369-2:2010	Crop protection equipment — Drift classification of spraying equipment — Part 2: Classification of field crop sprayers by field measurements
ISO 22401:2015	Equipment for crop protection — Method for measurement of potential spray drift from horizontal boom sprayers by the use of a test bench
ISO 22522:2007	Crop protection equipment — Field measurement of spray distribution in tree and bush crops
ISO 22763:2006	Equipment for crop protection — Sprayers — Demonstration track for field crop sprayers
ISO 22856:2008	Equipment for crop protection — Methods for the laboratory measurement of spray drift — Wind tunnels
ISO 22866:2005	Equipment for crop protection — Methods for field measurement of spray drift
ISO 24253-1:2015	Crop protection equipment — Spray deposition test for field crop — Part 1: Measurement in a horizontal plane
ISO 24253-2:2015	Crop protection equipment — Spray deposition test for field crop — Part 2: Measurement in a crop
ISO 25358:2018	Crop protection equipment — Droplet-size spectra from atomizers — Measurement and classification
ISO 28139:2019	Equipment for crop protection — Knapsack combustion engine-driven airblast sprayers — Safety and environmental requirements and test methods
ISO 4102:1984	Equipment for crop protection — Sprayers — Connection threading
ISO 4254-6:2020	Agricultural machinery — Safety — Part 6: Sprayers and liquid fertilizer distributors
ISO 5681:2020	Equipment for crop protection — Vocabulary
ISO 5682-1:2017	Equipment for crop protection — Spraying equipment — Part 1: Test methods for sprayer nozzles
ISO 5682-2:2017	Equipment for crop protection — Spraying equipment — Part 2: Test methods to assess the horizontal transverse distribution for hydraulic sprayers
ISO 5682-3:2017	Equipment for crop protection — Spraying equipment — Part 3: Test method to assess the performance of volume/area adjustment systems
ISO 5682-4:2021	Equipment for crop protection — Spraying equipment — Part 4: Test methods for agitation of sprayer tanks
ISO 6686:1995	Equipment for crop protection — Antidrip devices — Determination of performance
ISO 8169:1984	Equipment for crop protection — Sprayers — Connecting dimensions for nozzles and manometers
ISO 8524:1986	Equipment for distributing granulated pesticides or herbicides — Test method
ISO 9357:1990	Equipment for crop protection — Agricultural sprayers — Tank nominal volume and filling hole diameter
ISO 9898:2000	Equipment for crop protection — Test methods for air-assisted sprayers for bush and tree crops
ISO/TS 11356:2011	Crop protection equipment — Traceability — Spray parameter recording

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/FDIS 16119-5	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 5: Aerial spray systems	Loppuäänestys rekisteröity	9.2.2022
ISO 28139:2019/DAMd 1	Equipment for crop protection — Knapsack combustion engine-driven airblast sprayers — Safety and environmental requirements and test methods — Amendment 1	Hyväksytty loppuäänestykseen	17.12.2021
ISO/DIS 4444	Agricultural sprayers — Recording of Spray Drift Parameters	Hyväksytty loppuäänestykseen	8.2.2022
ISO/CD 23117-1.2	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 1: Environmental requirements	Komiteavaihe alkaa	3.2.2022
ISO/AWI 23117-2	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 2: Test methods to assess the horizontal transverse spray deposition	Työkohde rekisteröity	7.4.2021
ISO/AWI 23117-3	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 3: Field measurement method of spray drift for UAV chemical application	Työkohde rekisteröity	7.4.2021
ISO/AWI 16122-1	Agricultural and forestry machinery — Inspection of sprayers in use — Part 1: General	Hyväksytty työkohteeksi	6.7.2021
ISO/AWI 16122-2	Agricultural and forestry machinery — Inspection of sprayers in use — Part 2: Horizontal boom sprayers	Hyväksytty työkohteeksi	6.7.2021
ISO/AWI 16122-3	Agricultural and forestry machinery — Inspection of sprayers in use — Part 3: Sprayers for bush and tree crops	Hyväksytty työkohteeksi	6.7.2021
ISO/AWI 16122-4	Agricultural and forestry machines — Inspection of sprayers in use — Part 4: Fixed and semi-mobile sprayers	Hyväksytty työkohteeksi	6.7.2021
ISO/AWI 19932-1	Equipment for crop protection — Knapsack sprayers — Part 1: Safety and environmental requirements	Hyväksytty työkohteeksi	24.9.2021
ISO/AWI 19932-2	Equipment for crop protection — Knapsack sprayers — Part 2: Test methods	Hyväksytty työkohteeksi	24.9.2021
ISO/AWI 19932-3	Equipment for crop protection — Knapsack sprayers — Part 3: Inspection of knapsack sprayers in use	Hyväksytty työkohteeksi	24.9.2021
ISO/PWI 16119-1	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 1: General	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 16119-2	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 2: Horizontal boom sprayers	Alustava työkohde rekisteröity	6.7.2021

ISO/PWI 16119-3	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 3: Sprayers for bush and tree crops	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 16119-4	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 4: Fixed and semi-mobile sprayers	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 22368-1	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 1: Internal cleaning of complete sprayers	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 22368-2	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 2: External cleaning of sprayers	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 22368-3	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 3: Internal cleaning of tank	Alustava työkohde rekisteröity	6.7.2021
ISO/PWI 22856	Equipment for crop protection — Methods for the laboratory measurement of spray drift — Wind tunnels	Alustava työkohde rekisteröity	25.8.2020
ISO/PWI 23117-4	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 4: Measurement method of droplets deposition into crop canopy for UAV chemical application	Alustava työkohde rekisteröity	27.7.2021

7. ISO/TC 23/SC 7 Equipment for harvesting and conservation

Julkaisut:

FI	Tunnus	Otsikko
	ISO 11450:1999	Equipment for harvesting and conservation — Round balers — Terminology and commercial specifications
	ISO 11450:1999/Amd 1:2016	Equipment for harvesting and conservation — Round balers — Terminology and commercial specifications — Amendment 1
	ISO 11520-1:1997	Agricultural grain driers — Determination of drying performance — Part 1: General
	ISO 11520-2:2001	Agricultural grain driers — Determination of drying performance — Part 2: Additional procedures and crop-specific requirements
	ISO 17101-1:2012	Agricultural machinery — Thrown-object test and acceptance criteria — Part 1: Rotary mowers
	ISO 17101-2:2012	Agricultural machinery — Thrown-object test and acceptance criteria — Part 2: Flail mowers
	ISO 17103:2009	Agricultural machinery — Rotary disc mowers, rotary drum mowers and flail mowers — Test methods and acceptance criteria for protective skirts
	ISO 4254-10:2009	Agricultural machinery — Safety — Part 10: Rotary tedders and rakes
	ISO 4254-11:2010	Agricultural machinery — Safety — Part 11: Pick-up balers
	ISO 4254-11:2010/Amd 1:2020	Agricultural machinery — Safety — Part 11: Pick-up balers — Amendment 1
	ISO 4254-12:2012	Agricultural machinery — Safety — Part 12: Rotary disc and drum mowers and flail mowers

ISO 4254-12:2012/Amd 1:2017	Agricultural machinery — Safety — Part 12: Rotary disc and drum mowers and flail mowers — Amendment 1
ISO 4254-13:2012	Agricultural machinery — Safety — Part 13: Large rotary mowers
ISO 4254-14:2016	Agricultural machinery — Safety — Part 14: Bale wrappers
ISO 4254-17:2022	Agricultural machinery — Safety — Part 17: Root crop harvesters
ISO 4254-7:2017	Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters
ISO 5687:2018	Equipment for harvesting — Combine harvesters — Determination and designation of grain tank capacity and unloading device performance
ISO 5702:1983	Equipment for harvesting — Combine harvester component parts — Equivalent terms
ISO 5715:1983	Equipment for harvesting — Dimensional compatibility of forage harvesting machinery
ISO 5718:2013	Harvesting equipment — Blades for agricultural rotary mowers — Requirements
ISO 5718:2013/Amd 1:2019	Harvesting equipment — Blades for agricultural rotary mowers — Requirements — Amendment 1
ISO 6689:2021	Equipment for harvesting — Combine harvesters and functional components — Vocabulary
ISO 8210:2021	Equipment for harvesting — Combine harvesters — Test procedure and performance assessment
ISO 8909-1:2021	Equipment for harvesting — Forage harvesters — Part 1: Vocabulary
ISO 8909-2:2021	Equipment for harvesting — Forage harvesters — Part 2: Specification of characteristics and performance
ISO 8909-3:2021	Equipment for harvesting — Forage harvesters — Part 3: Test methods

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/DIS 4254-13	Agricultural machinery — Safety — Part 13: Large rotary mowers	Lausuntovaihe rekisteröity	18.3.2022
ISO/DIS 5718-1	Harvesting equipment — Requirements for cutting elements — Part 1: Blades used on rotary disc mowers and rotary drum mowers	Lausuntovaihe rekisteröity	18.3.2022
ISO/DIS 5718-2	Harvesting equipment — Requirements for cutting elements — Part 2: Blades used on large rotary mowers	Lausuntovaihe rekisteröity	18.3.2022
ISO 4254-7:2017/CD Amd 1	Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters — Amendment 1: Amendment 1	Komiteavaihe päättyy	9.7.2021
ISO/CD 4254-20.2	Agricultural machinery — Safety — Part 20: Grape, olives and coffee harvesters	Komiteavaihe alkaa	12.2.2022
ISO/DIS 4254-18	Agricultural machinery — Safety — Part 18: Forage loader wagons and forage transport wagons	Työkohde keskeytetty	4.10.2021

8. ISO/TC 23/SC 13 Powered lawn and garden equipment

Julkaisut:

FI	Tunnus	Otsikko
	ISO 11449:1994	Walk-behind powered rotary tillers — Definitions, safety requirements and test procedures
	ISO 21299:2009	Powered ride-on turf care equipment — Roll-over protective structures (ROPS) — Test procedures and acceptance criteria
	ISO 21628:2020	Gardening machinery — Powered material-collecting systems — Safety
	ISO 5395-1:2013	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 1: Terminology and common tests
	ISO 5395-1:2013/Amd 1:2017	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 5395-2:2013	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 2: Pedestrian-controlled lawnmowers
	ISO 5395-2:2013/Amd 1:2016	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 2:2017	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 2: Pedestrian-controlled lawnmowers — Amendment 2: Cutting-means-enclosure guards
	ISO 5395-3:2013	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator
	ISO 5395-3:2013/Amd 1:2017	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 2:2017	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator — Amendment 2: Cutting means enclosure guards
	ISO 8437-1:2019	Snow throwers — Safety requirements and test procedures — Part 1: Terminology and common tests
	ISO 8437-2:2019	Snow throwers — Safety requirements and test procedures — Part 2: Pedestrian-controlled snow throwers
	ISO 8437-3:2019	Snow throwers — Safety requirements and test procedures — Part 3: Ride-on snow throwers
	ISO 8437-4:2019	Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements
	ISO 9191:1991	Lawn and garden ride-on (riding) tractors — Three-point hitch
	ISO 9192:1991	Lawn and garden ride-on (riding) tractors — One-point tubular sleeve hitch
	ISO/TS 15079:2001	Powered lawn, garden and horticultural equipment — Operator controls — Guidance on actuating forces, displacement, location and methods of operation

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO 8437-1:2019/ DAmd 1	Snow throwers — Safety requirements and test procedures — Part 1: Terminology and common tests — Amendment 1	Lausuntovaihe rekisteröity	17.3.2022
ISO 8437-2:2019/ DAmd 1	Snow throwers — Safety requirements and test procedures — Part 2: Pedestrian-controlled snow throwers — Amendment 1	Lausuntovaihe rekisteröity	17.3.2022
ISO 8437-3:2019/ DAmd 1	Snow throwers — Safety requirements and test procedures — Part 3: Ride-on snow throwers — Amendment 1	Lausuntovaihe rekisteröity	17.3.2022
ISO 8437-4:2019/AWI Amd 1	Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements — Amendment 1	Hyväksytty työkohteeksi	13.2.2020

9. ISO/TC 23/SC 14 Operator controls, operator symbols and other displays, operator manuals

Julkaisut:

FI	Tunnus	Otsikko
FI	ISO 11684:1995	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Safety signs and hazard pictorials — General principles
	ISO 17080:2005	Manually portable agricultural and forestry machines and powered lawn and garden equipment — Design principles for single-panel product safety labels
FI	ISO 3600:2015	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Operator's manuals — Content and format
	ISO 3767-1:2016	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 1: Common symbols
	ISO 3767-1:2016/Amd 1:2020	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 1: Common symbols — Amendment 1
FI	ISO 3767-2:2016	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 2: Symbols for agricultural tractors and machinery
	ISO 3767-2:2016/Amd 1:2020	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 2: Symbols for agricultural tractors and machinery — Amendment 1
	ISO 3767-3:2016	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 3: Symbols for powered lawn and garden equipment
	ISO 3767-4:2016	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 4: Symbols for forestry machinery
	ISO 3767-5:2016	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 5: Symbols for manual portable forestry machines

FI ISO 11684:1995

Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Safety signs and hazard pictorials — General principles

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/DIS 11684	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Safety signs and hazard pictorials — General principles	Lausuntovaihe päättyy	21.1.2022
ISO/DIS 3767-5	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 5: Symbols for manual portable forestry machines	Lausuntovaihe päättyy	17.8.2021
ISO/DIS 3600	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Operator's manuals — Content and format	Lausuntovaihe alkaa	17.3.2022

10.ISO/TC 23/SC 17 Manually portable forest machinery

Julkaisut:

FI	Tunnus	Otsikko
	ISO 10517:2019	Powered hand-held hedge trimmers — Safety
	ISO 10726:2020	Portable chain-saws — Chain catcher — Dimensions and mechanical strength
	ISO 11680-1:2021	Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners — Part 1: Machines fitted with an integral combustion engine
	ISO 11680-2:2021	Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners — Part 2: Machines for use with back-pack power source
	ISO 11681-1:2022	Machinery for forestry — Portable chain-saw safety requirements and testing — Part 1: Chain-saws for forest service
	ISO 11681-2:2022	Machinery for forestry — Portable chain-saw safety requirements and testing — Part 2: Chain-saws for tree service
	ISO 11789:1999	Powered edgers with rigid cutting means — Definitions, safety requirements and test procedures
	ISO 11806-1:2022	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 11806-2:2022	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 13772:2018	Forestry machinery — Portable chain-saws — Non-manually actuated chain brake performance
	ISO 13772:2018/Amd 1:2020	Forestry machinery — Portable chain-saws — Non-manually actuated chain brake performance — Amendment 1

ISO 17314:2008	Manually portable forest machinery — Recyclability and recoverability — Calculation method
ISO 22867:2021	Forestry and gardening machinery — Vibration test code for portable hand-held machines with internal combustion engine — Vibration at the handles
ISO 22868:2021	Forestry and gardening machinery — Noise test code for portable hand-held machines with internal combustion engine — Engineering method (Grade 2 accuracy)
FI ISO 6531:2017	Machinery for forestry — Portable chain-saws — Vocabulary
ISO 6533:2020	Forestry machinery — Portable chain-saw front hand-guard — Dimensions and clearances
ISO 6534:2007	Forestry machinery — Portable chain-saw hand-guards — Mechanical strength
ISO 6534:2007/Amd 1:2012	Forestry machinery — Portable chain-saw hand-guards — Mechanical strength — Amendment 1
ISO 6535:2015	Portable chain-saws — Chain brake performance
FI ISO 7112:2018	Machinery for forestry — Portable brush-cutters and grass-trimmers — Vocabulary
ISO 7113:1999	Portable hand-held forestry machines — Cutting attachments for brush cutters — Single-piece metal blades
ISO 7293:2021	Forestry machinery — Portable chain saws — Engine performance and fuel consumption
ISO 7914:2002	Forestry machinery — Portable chain-saws — Minimum handle clearance and sizes
ISO 7914:2002/Amd 1:2012	Forestry machinery — Portable chain-saws — Minimum handle clearance and sizes — Amendment 1
ISO 7915:2021	Forestry machinery — Portable chain-saws — Determination of handle strength
ISO 7918:1995	Forestry machinery — Portable brush-cutters and grass-trimmers — Cutting attachment guard dimensions
ISO 8334:2007	Forestry machinery — Portable chain-saws — Determination of balance and maximum holding moment
ISO 8380:1993	Forestry machinery — Portable brush-cutters and grass-trimmers — Cutting attachment guard strength
ISO 8893:2021	Forestry machinery — Portable brush-cutters and grass-trimmers — Engine performance and fuel consumption
ISO 9467:1993	Forestry machinery — Portable chain-saws and brush-cutters — Exhaust system-caused fire risk
ISO 9518:2018	Forestry machinery — Portable chain-saws — Kickback test
ISO/TS 19858:2015	Forestry machines — Portable chain-saws — Test method for evaluating saw chain oil lubricity

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/CD 6534	Forestry machinery — Portable chain-saw hand-guards — Mechanical strength	Komiteavaihe alkaa	8.3.2022
ISO/CD 7914	Forestry machinery — Portable chain-saws — Minimum handle clearance and sizes	Komiteavaihe alkaa	8.3.2022
ISO/CD 9467	Manually portable forest machinery – Chain-saws, brush cutters, blowers, hedge trimmers, cut-off saws, multi-task tools and	Komiteavaihe rekisteröity	25.10.2021

multi position small engine powered
equipment – Exhaust system caused fire risk

11.ISO/TC 23/SC 19 Agricultural electronics

Julkaisut:

FI	Tunnus	Otsikko
	ISO 10975:2009	Tractors and machinery for agriculture — Auto-guidance systems for operator-controlled tractors and self-propelled machines — Safety requirements
	ISO 11783-1:2017	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 1: General standard for mobile data communication
	ISO 11783-10:2015	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 10: Task controller and management information system data interchange
	ISO 11783-11:2011	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 11: Mobile data element dictionary
	ISO 11783-12:2019	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 12: Diagnostics services
	ISO 11783-13:2011	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 13: File server
	ISO 11783-14:2013	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 14: Sequence control
	ISO 11783-2:2019	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 2: Physical layer
	ISO 11783-3:2018	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 3: Data link layer
	ISO 11783-4:2011	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 4: Network layer
	ISO 11783-5:2019	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 5: Network management
	ISO 11783-6:2018	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 6: Virtual terminal
	ISO 11783-7:2015	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer
	ISO 11783-7:2015/Amd 1:2018	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer — Amendment 1
	ISO 11783-8:2006	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 8: Power train messages
	ISO 11783-9:2012	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 9: Tractor ECU
	ISO 11784:1996	Radio frequency identification of animals — Code structure
	ISO 11784:1996/Amd 1:2004	Radio frequency identification of animals — Code structure — Amendment 1
	ISO 11784:1996/Amd 2:2010	Radio frequency identification of animals — Code structure — Amendment 2: Indication of an advanced transponder

ISO 11785:1996	Radio frequency identification of animals — Technical concept
ISO 11785:1996/Cor 1:2008	Radio frequency identification of animals — Technical concept — Technical Corrigendum 1
ISO 11786:1995	Agricultural tractors and machinery — Tractor-mounted sensor interface — Specifications
ISO 12188-1:2010	Tractors and machinery for agriculture and forestry — Test procedures for positioning and guidance systems in agriculture — Part 1: Dynamic testing of satellite-based positioning devices
ISO 12188-2:2012	Tractors and machinery for agriculture and forestry — Test procedures for positioning and guidance systems in agriculture — Part 2: Testing of satellite-based auto-guidance systems during straight and level travel
ISO 14223-1:2011	Radiofrequency identification of animals — Advanced transponders — Part 1: Air interface
ISO 14223-2:2010	Radiofrequency identification of animals — Advanced transponders — Part 2: Code and command structure
ISO 14223-3:2018	Radiofrequency identification of animals — Advanced transponders — Part 3: Applications
ISO 15003:2019	Agricultural engineering — Electrical and electronic equipment — Testing resistance to environmental conditions
ISO 15639-1:2015	Radio frequency identification of animals — Standardization of injection sites for different animal species — Part 1: Companion animals (cats and dogs)
ISO 15639-2:2021	Radio frequency identification of animals — Standardization of injection sites for different animal species — Part 2: Equine (horses, donkeys and zebras)
ISO 16230-1:2015	Agricultural machinery and tractors — Safety of higher voltage electrical and electronic components and systems — Part 1: General requirements
ISO 17532:2007	Stationary equipment for agriculture — Data communications network for livestock farming
ISO 18497:2018	Agricultural machinery and tractors — Safety of highly automated agricultural machines — Principles for design
ISO 20112-1:2018	Tractors and machinery for agriculture and forestry — Camera interface between tractor and implement — Part 1: Analogue camera interface
ISO 24631-1:2017	Radiofrequency identification of animals — Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)
ISO 24631-2:2017	Radiofrequency identification of animals — Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785
ISO 24631-3:2017	Radiofrequency identification of animals — Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785
ISO 24631-4:2017	Radiofrequency identification of animals — Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785
ISO 24631-5:2014	Radio frequency identification of animals — Part 5: Procedure for testing the capability of RFID transceivers of reading ISO 11784 and ISO 11785 transponders
ISO 24631-6:2011	Radiofrequency identification of animals — Part 6: Representation of animal identification information (visual display/data transfer)
ISO 24631-7:2012	Radiofrequency identification of animals — Part 7: Synchronization of ISO 11785 identification systems
ISO 25119-1:2018	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/Amd 1:2020	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 1: General principles for design and development — Amendment 1
ISO 25119-2:2019	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 2: Concept phase
ISO 25119-3:2018	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 3: Series development, hardware and software
ISO 25119-4:2018	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/Amd 1:2020	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 4: Production, operation, modification and supporting processes — Amendment 1

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/PRF 11783-13	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 13: File server	Oikoluvussa	17.3.2022
ISO/DIS 5231	Extended Farm Management Information Systems Data Interface (EFDI)	Hyväksytty loppuäänestykseen	13.3.2022
ISO/DIS 11783-7	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer	Lausuntovaihe alkaa	3.2.2022
ISO/DIS 18497-1	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 1: Machine design principles and vocabulary	Lausuntovaihe alkaa	14.2.2022
ISO/DIS 23316-1	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 1: General description	Lausuntovaihe alkaa	24.12.2021
ISO/CD 10975	Tractors and machinery for agriculture — Auto-guidance systems for operator-controlled tractors and self-propelled machines — Safety requirements	Työkohde hyväksytty lausuntovaiheeseen	15.2.2022
ISO/CD 18497-2	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 2: Design principles for obstacle protection systems	Työkohde hyväksytty lausuntovaiheeseen	15.2.2022
ISO/CD 23316-2	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 2: Physical interface	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020

ISO/CD 23316-3	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 3: Safety requirements	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020
ISO/CD 23316-4	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 4: AC operation mode	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020
ISO/CD 23316-5	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 5: DC operation mode	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020
ISO/CD 23316-6	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 6: Controls communication	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020
ISO/CD 23316-7	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 7: Mechanical integration	Työkohde hyväksytty lausuntovaiheeseen	5.2.2020
ISO/CD 6881	International Numbering for official animal identification schemes	Komiteavaihe rekisteröity	10.1.2022
ISO/AWI 11784	Radio frequency identification of animals — Code structure	Työkohde rekisteröity	17.1.2022
ISO/AWI 18497-3	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 3: Design principles for autonomous operating areas	Työkohde rekisteröity	21.2.2022
ISO/AWI 7673-1	Agricultural Irrigation — Part 1: Data Exchange — Core Concepts	Työkohde rekisteröity	10.11.2021
ISO/AWI 7673-2	Agricultural Irrigation — Part 2: Data Exchange — Operations	Työkohde rekisteröity	10.11.2021
ISO/AWI 7673-3	Agricultural Irrigation — Part 3: Data Exchange — Operations	Työkohde rekisteröity	10.11.2021
ISO/NP 18497-4	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 4: Verification methods and principles	Työkohdeäänestys alkaa	15.3.2022
ISO/NP 23285	Agricultural machinery, tractors, and earthmoving machinery — Safety of electrical and electronic components and systems operating at 32 to 75 VDC and 21 to 50 VAC	Työkohdeäänestys alkaa	17.2.2022
ISO/NP 9829	Agricultural Irrigation	Työkohdeäänestys alkaa	17.8.2021
ISO/PWI 18497-5	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 5: open	Alustava työkohde rekisteröity	3.3.2021

ISO/DIS 23285	Agricultural machinery, tractors, and earthmoving machinery — Safety of electrical and electronic components and systems operating at 32 to 75 VDC and 21 to 50 VAC	Työkohde keskeytetty	17.2.2022
---------------	---	----------------------	-----------