

Maatalouskonestandardien tilannekatsaus

Tässä tilannekatsauksessa esitetään teknisten komiteoiden CEN/TC 144 (pl. WG 8), ISO/TC 347 ja ISO/TC 23 sekä sen 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 (2024-02-28) 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.

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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
	EN 17750:2023	Agricultural and forestry machinery - Installation of lighting and light signalling devices on mounted implements
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 11681-1:2022	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO 11681-1:2022)
MD	EN ISO 11681-2:2022	Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2022)
MD	EN 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 11806-1:2022)
MD	EN 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 11806-2:2022, Corrected version 2022-04)
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)
	EN ISO 16119-5:2023	Agricultural and forestry machinery - Environmental requirements for sprayers - Part 5: Aerial spray systems (ISO 16119-5:2023)
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 18497-1:2024	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 1: Machine design principles and vocabulary (ISO 18497-1:2024)
MD	EN ISO 18497-2:2024	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 2: Design principles for obstacle protection systems (ISO 18497-2:2024)
MD	EN ISO 18497-3:2024	Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods - Amendment 1 (ISO 28139:2019/Amd 1:2024)
MD	EN ISO 18497-4:2024	Agricultural machinery and tractors - Safety of partially automated, semi-autonomous and autonomous machinery - Part 3: Autonomous operating zones (ISO 18497-3:2024)
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 25119-1:2023	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)
MD	EN ISO 25119-1:2023/A1:2023	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)
MD	EN ISO 25119-2:2023	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 2: Concept phase (ISO 25119-2:2019)
MD	EN ISO 25119-3:2023	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)
MD	EN ISO 25119-3:2023/A1:2023	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software - Amendment 1 (ISO 25119-3:2018/Amd 1:2020)
MD	EN ISO 25119-4:2023	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)
MD	EN ISO 25119-4:2023/A1:2023	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)
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 28139:2021/A1:2024	Equipment for crop protection - Knapsack combustion engine-driven airblast sprayers - Safety and environmental requirements and test methods - Amendment 1 (ISO 28139:2019/Amd 1:2024)
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 4254-17:2022	Agricultural machinery - Safety - Part 17: Root crop harvesters (ISO 4254-17:2022)
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 13684:2018/FprA1	Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety	Loppuäänestys alkaa	11.7.2024
MD	EN 12965:2019/FprA1	Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety	Äänestysluonnos lähetetty CENiin	29.7.2024
MD	EN ISO 4254-7:2017/prA1	Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters - Amendment 1 (ISO 4254-7:2017/DAM 1:2022)	Äänestysluonnos lähetetty CENiin	31.3.2023
MD	EN ISO 8437-1:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 1: Terminology and common tests - Amendment 1: Scope clarification (ISO 8437-1:2019/DAM 1:2022)	Äänestysluonnos lähetetty CENiin	13.11.2023
MD	EN ISO 8437-2:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 2: Pedestrian-controlled snow throwers	Äänestysluonnos lähetetty CENiin	13.11.2023

		- Amendment 1 (ISO 8437-2:2019/DAM 1:2022)		
MD	EN ISO 8437-3:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 3: Ride-on snow throwers - Amendment 1 (ISO 8437-3:2019/DAM 1:2022)	Äänestysluonnos lähetetty CENiin	13.11.2023
MD	EN ISO 8437-4:2021/prA1	Snow throwers - Safety requirements and test procedures - Part 4: Additional national and regional requirements - Amendment 1 (ISO 8437-4:2019/DAM 1:2022)	Äänestysluonnos lähetetty CENiin	13.11.2023
MD	FprEN 17744	Agricultural and forestry machinery - Environmental requirements for dusters	Äänestysluonnos lähetetty CENiin	26.8.2024
MD	FprEN 17745	Agricultural and forestry machinery - Environmental requirements for granule applicator of Plant Protection Products	Äänestysluonnos lähetetty CENiin	26.8.2024
MD	FprEN 17923	Equipment for vine cultivation and wine making - Safety - Must and grape harvest pumps	Äänestysluonnos lähetetty CENiin	24.11.2023
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
SUPD	prEN ISO 16122-1	Agricultural and forestry machinery - Inspection of sprayers in use - Part 1: General (ISO/DIS 16122-1:2022)	Äänestysluonnos lähetetty CENiin	10.7.2024
SUPD	prEN ISO 16122-2	Agricultural and forestry machinery - Inspection of sprayers in use - Part 2: Horizontal boom sprayers (ISO/DIS 16122-2:2022)	Äänestysluonnos lähetetty CENiin	10.7.2024
SUPD	prEN ISO 16122-3	Agricultural and forestry machinery - Inspection of sprayers in use - Part 3: Sprayers for bush and tree crops	Äänestysluonnos lähetetty CENiin	10.7.2024
SUPD	prEN ISO 16122-4	Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers	Äänestysluonnos lähetetty CENiin	10.7.2024
MD	prEN ISO 19932-1	Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO/DIS 19932-1:2022)	Äänestysluonnos lähetetty CENiin	10.7.2024
MD	prEN ISO 19932-2	Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO/DIS 19932-2:2022)	Äänestysluonnos lähetetty CENiin	10.7.2024

SUPD	prEN ISO 19932-3	Equipment for crop protection - Knapsack sprayers - Part 3: Inspection of knapsack sprayers in use (ISO/DIS 19932-3:2022)	Äänestysluonnos lähetetty CENiin	22.8.2024
MD	prEN ISO 3991	Agricultural machinery - Robotic feed systems – Safety (ISO/DIS 3991:2023)	Äänestysluonnos lähetetty CENiin	13.11.2023
MD	prEN ISO 4254-20	Agricultural machinery - Safety - Part 20: Grape, olives and coffee harvesters (ISO/DIS 4254-20:2022)	Äänestysluonnos lähetetty CENiin	24.2.2023
MD	FprEN ISO 5674	Tractors and machinery for agriculture and forestry - Guards for power take-off (PTO) drive-shafts - Strength and wear tests and acceptance criteria (ISO/FDIS 5674:2022)	Lausuntokierros päättyy	26.7.2022
MD	prEN 18068	Agricultural machinery - Safety - Compact carriers	Lausuntokierros päättyy	11.7.2024
MD	prEN ISO 11680	Machinery for forestry - Machinery for forestry - Safety requirements and testing for portable pole mounted powered pruners (ISO/DIS 11680:2024)	Lausuntokierros päättyy	25.7.2024
MD	prEN 12525	Agricultural machinery - Front loaders - Safety	CENin käänös alkaa	29.7.2024
-	prEN ISO 4254-6 rev	Agricultural machinery -" Safety -" Part 6: Sprayers and liquid fertilizer distributors	Työkohte hyväksytty	3.5.2024
MR		Agricultural machinery -" Flax harvesting and packaging machinery -" Safety requirements	Työkohte hyväksytty	5.3.2024
MD		Tractors and agricultural machines -" Visibility of self-propelled machinery -" Part 1: General design requirements	Alustava työkohte	24.11.2023
MD		Tractors and agricultural machines -" Visibility of self-propelled machinery -" Part 2: Specific requirements and test of self-propelled machinery	Alustava työkohte	24.11.2023

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/PWI 21355	Tractors and machinery for agriculture and forestry - Milking machines	Alustava työkohde rekisteröity	29.11.2023

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/FDIS 5674	Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria	Loppuäänestys rekisteröity	17.7.2023
ISO/DIS 5700	Tractors for agriculture and forestry — Roll-over protective structures — Static test method and acceptance conditions	Lausuntovaihe päättyy	4.5.2024
ISO/AWI 3020-1	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver)	Työkohde rekisteröity	8.4.2024

	against hazardous substances — Part 1: Terminology and overview		
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	Työkohde rekisteröity	8.4.2024
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	Työkohde rekisteröity	8.4.2024
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	Työkohde rekisteröity	8.4.2024
ISO/AWI 3020-5	Agricultural tractors and self-propelled sprayers — Protection of the Operator (driver) against hazardous substances — Part 5: System validation	Työkohde rekisteröity	8.4.2024

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/FDIS 3991	Agricultural machinery — Robotic feed systems — Safety	Loppuäänestys rekisteröity	27.10.2023

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 5676:2023	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 6489-5:2019/DAMD 1	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 5: Specifications for non-swivel clevis couplings — Amendment 1	Lausuntovaihe alkaa	12.6.2024
ISO/CD 20383	Tractors and machinery for agriculture and forestry — Speed Identification Sign (SIS)	Komiteavaihe rekisteröity	26.7.2024

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 16119-5:2023	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 5: Aerial spray systems
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 23117-1:2023	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 1: Environmental requirements
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 28139:2019 /Amd 1:2024	Equipment for crop protection — Knapsack combustion engine-driven airblast sprayers — Safety and environmental requirements and test methods — Amendment 1
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 4444:2022	Agricultural sprayers — Recording of Spray Drift Parameters
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 16122-1	Agricultural and forestry machinery — Inspection of sprayers in use — Part 1: General	Loppuäänestys rekisteröity	5.7.2024
ISO/FDIS 16122-2	Agricultural and forestry machinery — Inspection of sprayers in use — Part 2: Horizontal boom sprayers	Loppuäänestys rekisteröity	5.7.2024

ISO/FDIS 16122-3	Agricultural and forestry machinery — Inspection of sprayers in use — Part 3: Sprayers for bush and tree crops	Loppuäänestys rekisteröity	5.7.2024
ISO/FDIS 16122-4	Agricultural and forestry machines — Inspection of sprayers in use — Part 4: Fixed and semi-mobile sprayers	Loppuäänestys rekisteröity	5.7.2024
ISO/FDIS 19932-1	Equipment for crop protection — Knapsack sprayers — Part 1: Safety and environmental requirements	Loppuäänestys rekisteröity	1.7.2024
ISO/FDIS 19932-2	Equipment for crop protection — Knapsack sprayers — Part 2: Test methods	Loppuäänestys rekisteröity	1.7.2024
ISO/FDIS 19932-3	Equipment for crop protection — Knapsack sprayers — Part 3: Inspection of knapsack sprayers in use	Loppuäänestys rekisteröity	22.8.2024
ISO/DIS 23117-2	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 2: Test methods to assess the horizontal transverse spray deposition	Hyväksytty loppuäänestykseen	24.6.2024
ISO/CD 22368-1	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 1: Internal cleaning of complete sprayers	Komiteavaihe päättyy	13.7.2023
ISO/CD 4254-6	Agricultural machinery — Safety — Part 6: Sprayers and liquid fertilizer distributors	Komiteavaihe rekisteröity	2.5.2024
ISO/NP 16119-1	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 1: General	Työkohteäänestys alkaa	27.6.2024
ISO/NP 16119-2	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 2: Horizontal boom sprayers	Työkohteäänestys alkaa	27.6.2024
ISO/NP 16119-3	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 3: Sprayers for bush and tree crops	Työkohteäänestys alkaa	1.7.2024
ISO/NP 16119-4	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 4: Fixed and semi-mobile sprayers	Työkohteäänestys alkaa	27.6.2024
ISO/PWI 22856	Equipment for crop protection — Methods for the laboratory measurement of spray drift — Wind tunnels	Alustava työkohte rekisteröity	19.9.2023
ISO/PWI 22368-2	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 2: External cleaning of sprayers	Työkohte keskeytetty	6.7.2024
ISO/PWI 22368-3	Crop protection equipment — Test methods for the evaluation of cleaning systems — Part 3: Internal cleaning of tank	Työkohte keskeytetty	6.7.2024

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 4254-13:2023	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 5718-1:2023	Harvesting equipment — Requirements for cutting elements — Part 1: Blades used on rotary disc mowers and rotary drum mowers
	ISO 5718-2:2023	Harvesting equipment — Requirements for cutting elements — Part 2: Blades used on large rotary mowers
	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
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ISO 4254-7:2017/FDAmd 1	Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters — Amendment 1: Amendment 1	Loppuäänestys rekisteröity	31.3.2023
ISO/FDIS 4254-20	Agricultural machinery — Safety — Part 20: Grape, olives and coffee harvesters	Loppuäänestys rekisteröity	24.2.2023
ISO/AWI 4254-18	Agricultural machinery — Safety — Part 18: Forage loader and forage transport wagons	Työkohde rekisteröity	17.4.2024
ISO/PWI 4254-15	Agricultural machinery — Safety — Part 15: Part 15: Large flail mowers	Alustavan työkohteen äänestys päättyy	1.11.2022

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/ FDAMd 1	Snow throwers — Safety requirements and test procedures — Part 1: Terminology and common tests — Amendment 1	Loppuäänestys rekisteröity	10.11.2023
ISO 8437-2:2019/ FDAMd 1	Snow throwers — Safety requirements and test procedures — Part 2: Pedestrian-controlled snow throwers — Amendment 1	Loppuäänestys rekisteröity	10.11.2023
ISO 8437-3:2019/ FDAMd 1	Snow throwers — Safety requirements and test procedures — Part 3: Ride-on snow throwers — Amendment 1	Loppuäänestys rekisteröity	10.11.2023
ISO 8437-4:2019/ FDAMd 1	Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements — Amendment 1	Loppuäänestys rekisteröity	10.11.2023
ISO/PWI 18460	Powered lawn and garden equipment — Internal-combustion engine-powered Autonomous lawnmowers	Alustava työkohde rekisteröity	29.6.2022

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

Julkaisut:

FI	Tunnus	Otsikko
FI	ISO 11684:2023	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Safety labels — 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
	ISO 3600:2022	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

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
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10.ISO/TC 23/SC 17 Manually portable (hand-held) powered lawn and garden equipment and 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 6534:2023	Forestry machinery — Portable chain-saw hand-guards — Mechanical strength
	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 7914:2023	Forestry machinery — Portable chain-saws — Minimum handle clearance and sizes
	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 9467:2023	Exhaust system for multi position small engine machines — Test procedures and performance requirements for spark arrestors
	ISO 9518:2018	Forestry machinery — Portable chain-saws — Kickback test
	ISO/TS 19858:2024	Forestry machines — Portable chain-saws — Test method for evaluating saw chain lubricity

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO/ FDIS 6531	Machinery for forestry — Portable chain-saws — Vocabulary	Loppuäänestys alkaa	18.7.2024
ISO/ FDIS 20599	Forestry machinery — Manually portable (hand-held) powered lawn and garden equipment and forest machinery — Engine performance and fuel consumption	Loppuäänestys rekisteröity	13.8.2024

ISO/DIS 11680	Machinery for forestry — Safety requirements and testing for portable pole mounted powered pruners	Lausuntovaihe päättyy	26.7.2024
ISO/AWI 9518	Forestry machinery — Portable chain-saws — Kickback test	Työkohde rekisteröity	19.4.2024
ISO/PWI 13772	Forestry machinery — Portable chain-saws — Non-manually actuated chain brake performance	Alustava työkohde rekisteröity	11.12.2023

11.ISO/TC 23/SC 19 Agricultural electronics

Julkaisut:

FI	Tunnus	Otsikko
	ISO 10975:2023	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 11783-13:2022	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 11783-7:2022	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer
	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 18497-1:2024	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 1: Machine design principles and vocabulary
ISO 18497-2:2024	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 2: Design principles for obstacle protection systems
ISO 18497-3:2024	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 3: Autonomous operating zones
ISO 18497-4:2024	Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 4: Verification methods and validation principles
ISO 20112-1:2018	Tractors and machinery for agriculture and forestry — Camera interface between tractor and implement — Part 1: Analogue camera interface

ISO 23316-1:2022	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 1: General
ISO 23316-2:2023	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 2: Physical interface
ISO 23316-3:2023	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 3: Safety requirements
ISO 23316-4:2023	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 4: AC operation mode
ISO 23316-5:2023	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 5: DC operation mode
ISO 23316-6:2024	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 6: Communication signals
ISO 23316-7:2023	Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 7: Mechanical integration
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
ISO 5231:2022	Extended Farm Management Information Systems Data Interface (EFDI)
ISO 6881:2023	Radio-frequency identification of animals — Code structure ultra high frequency transponders

Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
ISO 11784	Radio frequency identification of animals — Code structure	Rekisteröity julkaistavaksi	7.8.2024
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	Hyväksytty loppuäänestykseen	15.4.2024
ISO/DIS 24631-1	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)	Lausuntovaihe päättyy	31.7.2024
ISO/DIS 7673-1	Agricultural Irrigation — Part 1: Data Exchange — Core Concepts	Lausuntovaihe alkaa	12.8.2024
ISO/DIS 7673-2	Agricultural Irrigation — Part 2: Data Exchange — Operations	Lausuntovaihe alkaa	12.8.2024
ISO/DIS 7673-3	Agricultural Irrigation — Part 3: Data Exchange — Operations	Lausuntovaihe alkaa	12.8.2024
ISO/CD 11783-12	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 12: Diagnostics services	Työkohde hyväksytty lausuntovaiheeseen	26.6.2024
ISO/CD 11783-3	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 3: Data link layer	Työkohde hyväksytty lausuntovaiheeseen	15.4.2024
ISO/CD 11783-6	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 6: Virtual terminal	Työkohde hyväksytty lausuntovaiheeseen	26.6.2024
ISO/CD 24631-3	Radiofrequency identification of animals — Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785	Työkohde hyväksytty lausuntovaiheeseen	15.4.2024
ISO/WD 24882	Agricultural Machinery and Tractors — Cybersecurity Engineering	Luonnoksen kommentointi päättyy	5.6.2024
ISO/AWI 11783-10	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 10: Task controller and management information system data interchange	Työkohde rekisteröity	26.6.2024

12.ISO/TC 347 Data-driven agrifood systems

Julkaisut:

FI	Tunnus	Otsikko
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Tekeillä:

Tunnus	Otsikko	Vaihe	Vaiheen pvm
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