APPENDIX DD  
ADOPTION PROPOSAL FORM

**CPR183/F12**

**KENYA BUREAU OF STANDARDS**

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| --- | --- | --- |
| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 30th January 2024 | 29th February 2024 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Betty Nkatha (**[nkathab**@kebs.org**](mailto:nkathab@kebs.org)**)** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below

**KEBS TC 124 TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY**

1. **Number:** ISO 4254-1:2013 to replace KS ISO 4254-1:2008

**Title:** Agricultural machinery - Safety - Part 1: General requirements

**Scope:**

This part of ISO 4254 specifies the safety requirements and the means of their verification for the design and construction of self-propelled ride-on machines, mounted, semi-mounted and trailed machines used in agriculture in order to deal with the hazards which are typical for most of the machines. In addition, it specifies the type of information on safe working practices including information about residual risks to be provided by the manufacturer.

This document deals with significant hazards, hazardous situations and events, as listed in Annex A, relevant to this agricultural machinery when used as intended and under the conditions of misuse foreseeable by the manufacturer during normal operation and service.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-1:ed-5:v1:en>

1. **Number:** ISO 4254-1:2013/Amd 1:2021

**Title:** Agricultural machinery - Safety - Part 1: General requirements

**Scope:**

This part of ISO 4254 specifies the safety requirements and the means of their verification for the design and construction of self-propelled ride-on machines, mounted, semi-mounted and trailed machines used in agriculture in order to deal with the hazards which are typical for most of the machines. In addition, it specifies the type of information on safe working practices including information about residual risks to be provided by the manufacturer.

This document deals with significant hazards, hazardous situations and events, as listed in Annex A, relevant to this agricultural machinery when used as intended and under the conditions of misuse foreseeable by the manufacturer during normal operation and service.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-1:ed-5:v1:amd:1:v1:en>

1. **Number**: ISO 11680-1:2021 to replace KS ISO 11680-1:2011

**Title:** Machinery for forestry -Safety requirements and testing for pole-mounted powered pruners

Part 1: Machines fitted with an integral combustion engine

**Scope**:

This document specifies safety requirements and measures for their verification for the design and construction of portable, hand-held, pole-mounted powered pruners (hereafter named “machine”), including extendable and telescopic machines, having an integral combustion engine as their power source. These machines use a power transmission shaft to transmit power to a cutting attachment consisting of a saw-chain and guide bar, a reciprocating saw blade or a single-piece circular saw blade with a 205 mm maximum outside diameter. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified.

This document deals with all significant hazards, hazardous situations or hazardous events with the exception of electric shock from contact with overhead electric lines (apart from warnings and advice for inclusion in the instructions), relevant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A).

This document is applicable to portable, hand-held, pole-mounted powered pruners manufactured after its date of publication.

Brush cutters with a circular saw blade are not included in the scope of this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:11680:-1:ed-3:v1:en>

1. **Number**: ISO 8759-1:2018 to replace KS ISO 8759-1:1998

**Title:** Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO

**Scope**:

This document specifies safety requirements for, and clearance zones around, front-mounted power take-offs (PTO) on agricultural tractors.

<https://www.iso.org/obp/ui/en/#iso:std:iso:8759:-1:ed-3:v1:en>

1. **Number**: ISO 5682-1:2017 to replace KS ISO 5682-1:1996

**Title:** Equipment for crop protection — Spraying equipment — Part 1: Test methods for sprayer nozzles

**Scope**:

This document specifies test methods to assess the performance of sprayer nozzles with the exception of droplet characteristics. Applicable tests by nozzle type are described in an informative annex as a guide, but this is not required for use of this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:5682:-1:ed-3:v1:en>

1. **Number**: ISO 730:2009 to replace KS ISO 730-1:1999 & KS ISO 730- 2:1999

**Title:** Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4

**Scope**:

This International Standard specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

<https://www.iso.org/obp/ui/en/#iso:std:iso:730:ed-1:v1:en>

1. **Number**: ISO 730:2009/Amd.1:2014

**Title:** Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 AMENDMENT 1

**Scope**:

This International Standard specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

<https://www.iso.org/obp/ui/en/#iso:std:iso:730:ed-1:v1:amd:1:v1:en>

1. **Number**: ISO 11450:1999/Amd 1:2016

**Title:** Equipment for harvesting and conservation - Round balers - Terminology and commercial specifications

**Scope**:

This International Standard establishes terminology and the content of commercial literature specifications for round balers as defined in 3.2.

<https://www.iso.org/obp/ui/en/#iso:std:iso:11450:ed-1:v1:amd:1:v1:en>

1. **Number**: ISO 3767-2:2016 to replace KS ISO 3767-2:1991

**Title:** 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

**Scope**:

This document standardizes symbols for use on operator controls and other displays on agricultural tractors and machinery.

NOTE 1 ISO 3767-1 covers common symbols that apply to multiple types of agricultural tractors and machinery, forestry machinery, and powered lawn and garden equipment. ISO 3767-3 covers symbols for powered lawn and garden equipment. ISO 3767-4 covers symbols for forestry machinery. ISO 3767-5 covers symbols for manual portable forestry machines.

NOTE 2 ISO 7000 and IEC 60417 can be consulted for additional internationally standardized symbols of potential relevance to agricultural tractors and machinery.

<https://www.iso.org/obp/ui/en/#iso:std:iso:3767:-2:ed-4:v1:en>

1. **Number**: ISO 3767-2:2016/Amd 1:2020

**Title:** 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

**Scope**:

This document standardizes symbols for use on operator controls and other displays on agricultural tractors and machinery.

NOTE 1 ISO 3767-1 covers common symbols that apply to multiple types of agricultural tractors and machinery, forestry machinery, and powered lawn and garden equipment. ISO 3767-3 covers symbols for powered lawn and garden equipment. ISO 3767-4 covers symbols for forestry machinery. ISO 3767-5 covers symbols for manual portable forestry machines.

NOTE 2 ISO 7000 and IEC 60417 can be consulted for additional internationally standardized symbols of potential relevance to agricultural tractors and machinery.

<https://www.iso.org/obp/ui/en/#iso:std:iso:3767:-2:ed-4:v1:amd:1:v1:en>

1. **Number**: ISO 15077:2020 to replace KS ISO 3789-1:1982 & ISO 3789-2:1982

**Title:** Tractors and self-propelled machinery for agriculture - Operator controls

Actuating forces, displacement, location and method of operation

**Scope**:

This document specifies methods of operation and requirements related to manual (for example, hand-, finger-, foot-operated) controls as well as controls associated with virtual terminals intended for a seated operator.

It applies to controls installed on agricultural tractors and self-propelled agricultural machinery.

It also gives recommendations for the control actuating forces and torques, direction of motion and location of these manual controls.

This document also specifies the minimum information relevant to manual controls to be provided in the operator's manual, for use as intended by the manufacturer.

<https://www.iso.org/obp/ui/en/#iso:std:iso:15077:ed-2:v1:en>

1. **Number**: ISO 4254-8:2018 to replace KS ISO 4254-8:2009

**Title:** Agricultural machinery — Safety — Part 8: Solid fertilizer distributors

**Scope**: This document, intended to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed or self-propelled fertilizer distributors for solid fertilizer application in agriculture and to be used by one operator only, e.g. full width solid fertilizer distributors, solid fertilizer broadcasters, distributors with oscillating tube and line-distributors, as well as solid fertilizer distributors driven by an auxiliary engine. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-8:ed-2:v1:en>

1. **Number**: ISO 4254-9:2018 to replace KS ISO 4254-9:2008

**Title:** Agricultural machinery — Safety — Part 9: Seed drills

**Scope**: This document, intended to be used together with ISO 4254-1, specifies the safety requirements, and their verification for design and construction of mounted, semi-mounted, trailed or self-propelled seed drills, including the seeding function of combined seed and fertilizer drills, and seed drills with integrated and inseparable powered soil-working tools used in agriculture. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-9:ed-3:v1:en>

1. **Number**: ISO 500-1:2014 to replace KS ISO 500-1:2004

**Title:** 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

**Scope**: This part of ISO 500 gives general specifications, including speeds, safety requirements, the dimensions for master shield, and clearance zones for rear-mounted power take-offs (PTOs) of types 1, 2, 3, and 4 on agricultural tractors with a track setting of more than 1 150 mm (those with track setting width of 1 150 mm or less are covered in ISO 500-2).

<https://www.iso.org/obp/ui/en/#iso:std:iso:500:-1:ed-2:v1:en>

1. **Number**: ISO 500-3:2014 to replace KS ISO 500-3:2004

**Title:** 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

**Scope**: This part of ISO 500 gives general specifications, including speeds, safety requirements, the dimensions for master shield, and clearance zones for rear-mounted power take-offs (PTOs) of types 1, 2, 3, and 4 on agricultural tractors with a track setting of more than 1 150 mm (those with track setting width of 1 150 mm or less are covered in ISO 500-2).

<https://www.iso.org/obp/ui/en/#iso:std:iso:500:-1:ed-2:v1:en>

1. **Number**: ISO 8909-1:2021 to replace KS ISO 8909-1:1994

**Title:** Equipment for harvesting — Forage harvesters — Part 1: Vocabulary

**Scope**:

This document specifies terms and definitions related to forage harvesters and their component parts.

This document identifies dimensions and other characteristics aimed at allowing comparison of operations of the machines and to improve communication among engineers and researchers, in association with ISO 8909-2, which lays down methods of measuring characteristics and performance requirements for the term defined.

<https://www.iso.org/obp/ui/en/#iso:std:iso:8909:-1:ed-2:v1:en>

1. **Number**: ISO 26322-1:2008 to replace KS ISO 4254-3:1992

**Title:** Tractors for agriculture and forestry — Safety — Part 1: Standard tractors

**Scope**:

This part of ISO 26322 specifies general safety requirements and their verification for the design and construction of standard tractors used in agriculture and forestry. These tractors have at least two axles for pneumatic-tyred wheels, with the smallest track gauge of the rear axle exceeding 1 150 mm, or tracks instead of wheels, with their unballasted tractor mass being greater than 600 kg.

NOTE Tractors having an unballasted mass not greater than 600 kg and a smallest adjustable track gauge of the axle bearing the larger tyres of ≤ 1 150 mm are dealt with in ISO 26322-2.

In addition, this part of ISO 26322 specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer, as well as technical means for improving the degree of personal safety of the operator and others involved in a tractor’s normal operation, maintenance and use.

It is not applicable to vibration or braking.

<https://www.iso.org/obp/ui/en/#iso:std:iso:26322:-1:ed-1:v1:en>

1. **Number**: ISO 8909-3:2021 to replace KS ISO 8909-3:1994

**Title:** Equipment for harvesting — Forage harvesters — Part 3: Test methods

**Scope**:

This document specifies test methods for evaluations of forage harvester function and performance, covering forage harvesters which cut the crop directly at full width or from spaced-apart plant rows, or which pick up pre-cut crop.

It applies to forage harvesters with driven knives for chopping and which deliver the chopped crop into a container or a separate vehicle or trailer. The forage harvesters can be tractor-mounted, trailed or self-propelled.

<https://www.iso.org/obp/ui/en/#iso:std:iso:8909:-3:ed-2:v1:en>

1. **Number**: ISO 8909-2:2021 to replace KS ISO 8909-2:1994

**Title:** Equipment for harvesting - Forage harvesters - Part 2: Specification of characteristics and performance

**Scope**:

This document specifies the methods and requirements in assessing the dimensions and performance of a forage harvester, as defined in ISO 8909-1, and its functional components. It also allows comparison of forage harvester performance through comparative testing.

<https://www.iso.org/obp/ui/en/#iso:std:iso:8909:-2:ed-2:v1:en>

1. **Number**: ISO 4254-7:2017 to replace KS ISO 4254-7:2008

**Title:** Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters

**Scope**:

This document, when used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters. It describes methods for the elimination or reduction of hazards arising from the intended use of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-7:ed-3:v2:en>

1. **Number**: ISO 19472:2006 to replace KS ISO 4254-4:1990

**Title:** Machinery for forestry – Winches - Dimensions, performance and safety

**Scope**:

This International Standard defines dimensions and specifies performance and safety requirements for winches used in forestry. It is applicable to fixed and detachable winches and their components mounted on mobile and self-propelled forestry machinery such as skidders and forwarders as defined in ISO 6814 and on agricultural tractors used for skidding in forestry operations. It is not applicable to winches used for hoisting operations on cranes, draglines, high lead logging, cable logging systems or yarding.

<https://www.iso.org/obp/ui/en/#iso:std:iso:19472:ed-1:v1:en>

1. **Number**: ISO 19472:2006/Cor 1:2006

**Title:** Machinery for forestry — Winches — Dimensions, performance and safety TECHNICAL CORRIGENDUM 1

**Scope**:

This International Standard defines dimensions and specifies performance and safety requirements for winches used in forestry. It is applicable to fixed and detachable winches and their components mounted on mobile and self-propelled forestry machinery such as skidders and forwarders as defined in ISO 6814 and on agricultural tractors used for skidding in forestry operations. It is not applicable to winches used for hoisting operations on cranes, draglines, high lead logging, cable logging systems or yarding.

<https://www.iso.org/obp/ui/en/#iso:std:iso:19472:ed-1:v1:cor:1:v1:en>

1. **Number:** ISO 4254-6:2020 to replace KS ISO 4254-6:2009

**Title:** Agricultural machinery — Safety — Part 6: Sprayers and liquid fertilizer distributors

**Scope:** This document, to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed and self-propelled agricultural sprayers for use with plant protection products (PPP) and liquid fertilizer application, as placed on the market by the manufacturer and designed for a single operator only. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

When requirements of this document are different from those which are stated in ISO 4254-1, the requirements of this document take precedence over the requirements of ISO 4254-1 for machines that have been designed and built according to the provisions of this document.

This document, taken together with ISO 4254-1, deals with significant hazards, hazardous situations and events relevant to sprayers and liquid fertilizer distributors when they are used as intended and under the conditions foreseeable by the manufacturer (see Annex A), excepting the hazards arising from:

— protection of the driver against spray when spraying (see Foreword);

— automatically actuated height adjustment systems;

— the environment, other than noise;

— moving parts for power transmission except strength requirements for guards and barriers.

This document is not applicable to sprayers and liquid fertilizer distributors which are manufactured before the date of publication of this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-6:ed-3:v1:en>

1. **Number:** ISO 4254-5:2018 to replace KS ISO 4254-5:2008

**Title:** Agricultural machinery — Safety — Part 5: Power-driven soil-working machines

**Scope:** This document, intended to be used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted and trailed power-driven soil-working machines used in agriculture. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

This document deals with significant hazards (as listed in Annex A), hazardous situations and events relevant to power-driven soil-working machines used as intended and under the conditions foreseeable by the manufacturer (see Clause 4).

This document is not applicable to

— spading machines, and

— machines fitted with a retractable device making them capable of working between two successive plants in the same row.

This document is not applicable to environmental hazards. It is not applicable to hazards related to moving parts for power transmission (except for strength requirements for guards and barriers) or to maintenance or repairs carried out by professional service personnel.

NOTE 1 Specific requirements related to road traffic regulations are not taken into account in this document.

NOTE 2 Vibrations are not regarded as a significant hazard in the case of mounted, semi-mounted or trailed machines.

This document is not applicable to power-driven soil-working machines which are manufactured before the date of its publication.

When requirements of this document are different from those which are stated in ISO 4254-1, the requirements of this document take precedence over the requirements of ISO 4254-1 for machines that have been designed and built according to the provisions of this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-5:ed-3:v1:en>

1. **Number:** ISO 11681-2:2022 to replace KS ISO 11681-2:2011

**Title:** Machinery for forestry — Portable chain-saw safety requirements and testing — Part 2: Chain-saws for tree service

**Scope:** This document specifies safety requirements and measures for verification for the design, construction, transporting and commissioning for tree service of portable, combustion-engine, hand-held chain-saws having a maximum mass of 4,3 kg (without the guide bar and saw-chain and with tanks empty).

The chain-saws are intended to be used, with the right hand on the rear handle and left hand on the front handle, by a trained operator.

Dismantling and scrapping of the product is not covered by this document. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified.

This document deals with all significant hazards, hazardous situations and hazardous events relevant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex B).

This document is applicable to chain-saws manufactured after its date of publication.

[**https://www.iso.org/obp/ui/en/#iso:std:iso:11681:-2:ed-4:v1:en**](https://www.iso.org/obp/ui/en/#iso:std:iso:11681:-2:ed-4:v1:en)

1. **Number:** ISO 11681-1:2022 to replace KS ISO 11681-1:2011

**Title:** Machinery for forestry — Portable chain-saw safety requirements and testing — Part 1: Chain-saws for forest service

**Scope:** This document specifies safety requirements and measures for verification for the design, construction, transporting and commissioning of portable, combustion-engine, hand-held chain-saws. The chain-saws are intended to be used for forest work by only one operator, with the right hand on the rear handle and left hand on the front handle.

Dismantling and scrapping of the product is not covered by this document. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified.

This document deals with all significant hazards, hazardous situations and hazardous events, with the exception of kickback and balance for machines with an engine displacement of more than 80 cm3, relevant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A).

This document is applicable to chain-saws manufactured after its date of publication.

<https://www.iso.org/obp/ui/en/#iso:std:iso:11681:-1:ed-4:v1:en>

1. **Number:** ISO 11680-2:2021 to replace KS ISO 11680-2:2011

**Title:** Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners — Part 2: Machines for use with backpack power source

**Scope:** This document specifies safety requirements and measures for their verification for the design and construction of portable, hand-held, pole-mounted powered pruners with a backpack power unit (hereafter referred to as “machine”). These machines use a power transmission shaft to transmit power to a cutting attachment consisting of a combination of saw-chain and guide bar, a reciprocating saw blade or a single-piece circular saw blade with a 205 mm maximum outside diameter. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified.

This document, together with the relevant sections of ISO 11680-1:2021, deals with all significant hazards, hazardous situations or hazardous events, with the exception of electric shock from contact with overhead electric lines (apart from warnings and advices for inclusion in the instructions) and whole-body vibration from the backpack power unit, relevant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

NOTE 1 A standardized test procedure for measuring whole-body vibration from the backpack power unit is not available at the date of publication.

NOTE 2 See Annex A for a list of significant hazards.

This document is applicable to portable, hand-held, pole-mounted powered pruners with backpack power unit manufactured after its date of publication.

<https://www.iso.org/obp/ui/en/#iso:std:iso:11680:-2:ed-3:v1:en>

1. **Number:** ISO 4254-13:2023 to replace KS ISO 4254-13:2012

**Title:** Agricultural machinery — Safety — Part 13: Large rotary mowers

**Scope:** This document, when used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of towed, semi-mounted, or mounted large rotary mowers with single or multiple cutting elements which have a cutting element tip circle of 1 000 mm or greater for any single cutting-element assembly, mounted on a propelling tractor or machine, intended for agricultural mowing equipment and designed for shredding crop residue, grass and small brush by impact. It describes methods for the elimination or reduction of hazards arising from the intended use and reasonably foreseeable misuse of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

NOTE 1 When used outside of agriculture, additional requirements not specified in this document can be applicable.

This document is not applicable to:

— rotary disc mowers, rotary drum mowers, and flail mowers designed for forage crop harvesting as covered by ISO 4254-12;

— arm-type large rotary mowers;

— pedestrian-controlled motor mowers;

— lawn mowers covered by the ISO 5395 series.

When requirements of this document are different from those which are stated in ISO 4254-1, the requirements of this document take precedence over the provisions of ISO 4254-1 for machines that have been designed and built according to the provisions of this document.

This document is also not applicable to environmental hazards, road safety, electromagnetic compatibility, vibration and hazards related to moving parts for power transmission. It is also not applicable to hazards related to maintenance or repairs to be carried out by professional service personnel.

This document, taken together with ISO 4254-1, deals with all the significant hazards, hazardous situations and events relevant to large rotary mowers used as intended and under the conditions foreseen by the manufacturer. (A list of significant hazards is provided in Annex A.)

NOTE 2 Example illustrations of two mowers (a rigid-deck large rotary mower and a trail-type multi-section, foldable-wing large rotary mower) dealt with in this document are shown in Annex C, C.1.

NOTE 3 Example illustrations of mowers not dealt with in this document are shown in Annex C, C.2.

NOTE 4 ISO 14982 specifies test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile agricultural machinery.

This document is not applicable to large rotary mowers which are manufactured before the date of publication.

<https://www.iso.org/obp/ui/en/#iso:std:iso:4254:-13:ed-2:v1:en>

1. **Number:** ISO 28139:2019 to replace KS 1SO 10988:2011

**Title:** Equipment for crop protection — Knapsack combustion engine-driven airblast sprayers — Safety and environmental requirements and test methods

**Scope:** This document specifies safety requirements and their verification, environmental requirements and related test methods, and minimum performance limits, for the design and construction of knapsack combustion engine-driven airblast sprayers as defined in 3.9.

It describes methods for the elimination or reduction of hazards arising from their use. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

It addresses general operating parameters as well as the potential deposition of spray droplets under specified controlled conditions.

This document deals with all significant hazards, hazardous situations and events, excepting those arising from vibration transmitted to the back of the operator.

It is applicable to knapsack combustion engine-driven airblast sprayers when they are used as intended and under the conditions foreseeable by the manufacturer (see Table A.1).

It is not applicable to:

— hydraulic pressure sprayers;

— thermal sprayers;

— cold foggers;

— sprayers adapted for the application of dry material.

It is not applicable to knapsack combustion engine-driven airblast sprayers manufactured before the date of its publication. The requirements of this document applies to products manufactured 18 months after publication.

<https://www.iso.org/obp/ui/en/#iso:std:iso:28139:ed-2:v1:en>

1. **Number:** ISO 11795:2018 to replace KS ISO 11795:1997

**Title:** Agricultural tractor drive wheel tyres — Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference

**Scope:** This document specifies the method for measuring rolling circumference for new tyres, under loaded conditions, made for use on agricultural tractors and machines, and applies to agricultural tractor drive wheel tyres in diagonal and radial construction. It also includes an explanation of the rolling circumference index (RCI) and speed radius index (SRI).

<https://www.iso.org/obp/ui/en/#iso:std:iso:11795:ed-2:v1:en>

1. **Number:** ISO 19472:2006 to replace KS ISO 4254-4:1990

**Title:** Machinery for forestry — Winches — Dimensions, performance and safety

**Scope:** This International Standard defines dimensions and specifies performance and safety requirements for winches used in forestry. It is applicable to fixed and detachable winches and their components mounted on mobile and self-propelled forestry machinery such as skidders and forwarders as defined in ISO 6814 and on agricultural tractors used for skidding in forestry operations. It is not applicable to winches used for hoisting operations on cranes, draglines, high lead logging, cable logging systems or yarding.

We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

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Adoption proposal not acceptable because of the reason(s) below

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Our Recommendations are as follows

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Name and Signature (of respondent): ................................................

Position (of respondent): .....................................

On behalf of ......................................................................................... (Name of organization)

Date .........................................................................

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.