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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19726.2-2020

Replacing GB 19726.2-2013

**Machinery for forestry - Portable chain-saw safety requirements
and testing - Part 2: Chainsaws for tree service**

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1 .2015, IDT)

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Foreword

GB/T 19726 "Safety Requirements and Tests of Portable Chainsaws for Forestry Machinery" is divided into the following two parts.

--- Part 1. Forest saws;

--- Part 2. Pruning chainsaw.

This part is Part 2 of GB/T 19726.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces GB 19726.2-2013 "Safety Requirements and Tests of Portable Chainsaws for Forestry Machinery Part 2. Pruning Chainsaws",

Compared with GB 19726.2-2013, the main technical content has not changed.

The translation method used in this part is equivalent to the use of ISO 11681-2..2011 "Safety Requirements and Tests for Portable Chainsaws of Forestry Machinery Part 2"

Points. Pruning Chainsaw.

The documents in China that have a consistent correspondence with the normatively cited international documents in this section are as follows.

--- GB/T 5390-2013 Forestry and garden machinery noise measurement rules for portable handheld operating machinery powered by internal combustion engine

Fan engineering method (level 2 accuracy) (ISO 22868..2011, IDT)

--- GB/T 5395-2014 Forestry and garden machinery vibration measurement gauge for portable handheld operating machinery powered by internal combustion engine

Fan handle vibration (ISO 22867..2011, IDT)

--- GB/T 15706-2012 General principles of machinery safety design risk assessment and risk reduction (ISO 12100..2010, IDT)

--- GB/T 16855.1-2018 Safety related parts of machinery safety control system Part 1. General rules for design (ISO 13849-

1 .2015, IDT)

--- GB/T 16855.2-2015 Safety related parts of machinery safety control system Part 2. Confirmation (ISO 13849-2.

2012, IDT)

--- GB/T 18960-2012 Forestry machinery portable chain saw vocabulary (ISO 6531..2008, IDT)

--- GB/T 20456-2012 Forestry machinery portable chain saw passive chain brake performance requirements and test methods (ISO

13772 .2009, IDT)

--- GB/T 21398-2008 Agricultural and forestry machinery electromagnetic compatibility test methods and acceptance rules (ISO 14982..1998, IDT)

--- LY/T 1166-2015 Forestry machinery portable chain saw hand guard mechanical strength (ISO 6534..2007, IDT)

--- LY/T 1167-2014 Forestry machinery portable chain saw front hand guard size and clearance (ISO 6533..2012, IDT)

--- LY/T 1346-2011 Forestry machinery portable chain saw balance and maximum grip torque determination (ISO 8334..2007,

IDT)

--- LY/T 1347-1999 Forestry machinery chain saw handle strength determination (idtISO 7915..1991)

--- LY/T 1348-2015 Forestry machinery portable chain saw handle minimum clearance and size (ISO 7914..2002, IDT)

--- LY/T 1578-2000 size and mechanical strength of portable chain saw stop pin (eqvISO 10726..1992)

--- LY/T 1593-2001 Portable chain saw engine performance and fuel consumption (eqvISO 7293..1997)

--- LY/T 2725-2016 Forestry machinery portable chain saw rebound test (ISO 9518..1998, MOD)

--- LY/T 2890-2017 Portable chain saw chain brake performance test method (ISO 6535..2015, IDT)

For ease of use, the following editorial changes have been made in this section.

--- Incorporating the contents of ISO 11681-2..2011 amendment 1 ISO 11681-2..2011/Amd1..2017, the amendment

The terms involved in the content have been marked by a vertical double line (||) in the margin of the outer margin.

Please note that some content of this document may involve patents. The issuer of this document does not assume responsibility for identifying these patents.

This part is proposed by the State Forestry and Grassland Bureau.

This part is under the jurisdiction of the National Forestry Machinery Standardization Technical Committee (SAC/TC61).

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1 Scope

This part of GB/T 19726 specifies a portable pruning chain saw powered by an internal combustion engine (hereinafter referred to as pruning chain saw) (see Figure 1).

Safety requirements and test methods for design and structure. This section applies to the safety instructions in the instruction manual that have been trained and have been read and understood

Full requirements, while using the correct personal protection device, the operator holds the rear handle in the right hand and the front handle in the left hand, and does not include the saw chain and

Use a pruning saw to trim the canopy whose net mass is not more than 4.3 kg when the guide plate and oil tank are empty. This section describes the elimination or reduction of pruning

The methods of various hazards produced by chain saws stipulate the requirements for information about safe operation provided by manufacturers.

This section gives all serious hazards related to pruning saws, normal use and reasonable and predictable misuse.

Note. Appendix B lists a list of serious hazards.

This section applies to pruning saws produced after its implementation.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article

Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 23821-2009 Safety of machinery to prevent the upper and lower limbs from reaching the safe distance of the hazardous area (ISO 13857..2008, IDT)

ISO 6531..2008 Forestry machinery portable chain saw vocabulary
(Machineryforforestry-Portablechain-saws-Vocabulary)

ISO 6533 size and clearance of front hand guard of chain saw
(Forestrymachinery-Portablechain-sawfronthand-guard-Dimensionsandclearances)

ISO 6534 Forestry Machinery Portable Chainsaw Handguard Mechanical Strength
(Forestrymachinery-Portablechain-sawhandguards-Mechanicalstrength)

ISO 6535 portable chain saw chain brake performance
(Portablechain-saws-Chainbrakeperformance)

ISO 7010 safety symbols and safety signs for graphical symbols are registered safety signs
(Graphicalsymbols-Safetycoloursandsafety signs-Registered safety signs)

ISO 7293 Forestry machinery portable chain saw engine performance and fuel consumption (Forestrymachinery-Portable chain-saws-Engineperformanceandfuelconsumption)

ISO 7914..2002 Forestry machinery portable chain saw handle minimum clearance and size (Forestrymachinery-Portable chain-saws-Minimumhandleclearanceandsizes)

ISO 7915 Determination of the strength of forestry machinery chainsaw handlebars
(Forestrymachinery-Portablechain-saws-Determinationofhandlestrength)