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

GB/T 18960-2023

Replacing GB/T 18960-2012

Potable china-saws - Vocabulary

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Table of Contents

foreword
1 Scope
2 Normative references
3 Terms and Definitions

foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents"

drafting:

This document replaces GB/T 18960-2012 "Vocabulary of Portable Chainsaws for Forestry Machinery": Compared with GB/T 18960-2012, except

Apart from structural adjustments and editorial changes, the main technical changes are as follows:

a) Changed "Logging", "Limbing", "Lumbering", "Rebound", "Drive Sprocket", "Saw Chain Pitch", "Saw Cut Length", "Front Hand Guard", "Guard Bar Head Guard"

Cover", "rear hand guard", "choke", "throttle trigger" and "clutch" (see 3:1:1, 3:1:2, 3:1:3, 3:1:6, 3:3:3,

3:3:6, 3:3:7, 3:4:2:1, 3:4:3, 3:4:6, 3:5:2, 3:5:8, 3:9:1, 2:1:1, 2:1:2, 2:1:3, 2:1:6 of the:2012 edition ,

2:3:3, 2:3:6, 2:3:7, 2:4:3:1, 2:4:4, 2:4:7, 2:5:3, 2:5:10, 2:9:1);

b) Change the term "plunge sawing" to "grooving" and change its definition (see 3:1:5, 2:1:5 of the:2012 edition);

c) Added "Clamping Kickback" "Manual Triggered Saw Chain Brake" "Calculated Kickback Angle" "Calculated Kickback When Saw Chain Brake Triggered"

Bar stop angle""Bounce back bar stop angle calculated when the saw chain brake is not activated""Kickback angle calculated with the saw chain stopped""Bounce back

"equipment" terms and definitions (see 3:1:7, 3:4:1:1, 3:9:10, 3:9:10:1, 3:9:10:2, 3:9:10:3, 3:9:11);

d) Change the term "passive saw chain brake" to "non-manually triggered saw chain brake" and change its definition (see

3:4:1:2, 2:4:2 of the:2012 edition);

e) Change the term "starting throttle locking device" to "throttle control lock" and change its definition (see 3:5:7,;:2012 edition

2:5:9);

f) Change the term "hand pull back rope starter" to "rebound rope starter" (see 3:5:9, 2:5:11 of the:2012 edition);

g) Change the term "electric starter" to "electric starter" and change its definition (see 3:5:10, 2:5:12 of the:2012 edition);

h) Deleted the terms and definitions of "high chainsaw" (see 2:2:1:3 of the:2012 edition):

This document is equivalent to ISO 6531:2017 "Vocabulary of Portable Chain Saws for Forestry Machinery":

The following minimal editorial changes have been made to this document:

--- In order to coordinate with existing standards, change the name of the standard to "Portable Chainsaw Vocabulary":

---Terms "saw chain brake handle", "throttle trigger", "idle speed regulator", "low speed mixture regulator", "high speed mixture regulator" added

Note;

--- Added index:

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document defines terms for the mechanical aspects of portable chain saws, saw chains and bars:

See Appendix A for the various stations of the chainsaw:

2 Normative references

This document has no normative references:

3 Terms and Definitions

3:1 Homework

3:1:1

logging

The work of separating a standing tree from its roots:

3:1:2

delimbing

The work of removing branches from a tree trunk or branches:

3:1:3

Bucking, slashing

The work of cutting felled or uprooted trees or parts of trees into different lengths:

3:1:4

Timber splitting

The operation of sawing a tree trunk or a section of tree trunk longitudinally into several boards:

3:1:5

Grooving boring

process of cutting a groove with a saw chain (3:3:1) at the head of a guide bar (3:3:5)

3:1:6

rebound kickback

When the saw chain (3:3:1) above the head of the running bar (3:3:5) comes into contact with objects such as logs/twigs, rapid upward movement may occur:

and/or backward motion:

3:1:7

pinch kickback pinchkickback

When the moving saw chain (3:3:1) on a chainsaw cuts into wood and the chain on the upper side of the guide bar (3:3:5) becomes clamped, chain

The saw moves back quickly: