ISO 19432:2006-03 (E)

Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements and testing

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 List of significant hazards 4

5 Safety requirements and verification 5
5.1 General 5
5.2 Handles 6
5.3 Speed 6
5.4 Engine stopping device 7
5.5 Throttle control 7
5.6 Clutch 8
5.7 Exhaust gases 8
5.8 Cutting debris discharge 8
5.9 Tank openings 9
5.10 Protection against contact with parts under high voltage 9
5.11 Transmission cover(s) 9
5.12 Protection against contact with hot parts 9
5.13 Cut-off wheel guard 11
5.14 Flange locking device 12
5.15 Flange assembly 13
5.16 Spindle diameter 14
5.17 Special tools 14
5.18 Noise 14
5.19 Vibration 14

6 Information for use 15
6.1 Instruction handbook 15
6.2 Markings 18
6.3 Warnings 18

Annex A (normative) Strength test of cut-off wheel guard 19

Annex B (normative) Noise test code -- Engineering method (grade 2 of accuracy) 21

Annex C (normative) Measurement of vibration values at the handles 29

Annex D (informative) Recommended pictorials and symbols 36

Bibliography 37