

# ISO 19432:2006-03 (E)

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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>List of significant hazards .....</b>	<b>4</b>
<b>5</b>	<b>Safety requirements and verification .....</b>	<b>5</b>
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
<b>6</b>	<b>Information for use .....</b>	<b>15</b>
6.1	Instruction handbook .....	15
6.2	Markings .....	18
6.3	Warnings .....	18
<b>Annex A (normative) Strength test of cut-off wheel guard .....</b>		<b>19</b>
<b>Annex B (normative) Noise test code -- Engineering method (grade 2 of accuracy) .....</b>		<b>21</b>
<b>Annex C (normative) Measurement of vibration values at the handles .....</b>		<b>29</b>
<b>Annex D (informative) Recommended pictorials and symbols .....</b>		<b>36</b>
<b>Bibliography .....</b>		<b>37</b>