

ISO 11806-1:2011-12 (E)

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Safety requirements and/or protective measures	4
4.1 General	4
4.2 Handles	5
4.3 Barrier and distance to cutting attachment for brush-cutters	6
4.4 Harness	7
4.5 Balance	8
4.6 Cutting-attachment strength	8
4.7 Cutting-attachment retention	8
4.8 Cutting-attachment guards	9
4.9 Transport cover	9
4.10 Length of flexible cutting lines	10
4.11 Engine starting device	10
4.12 Engine stopping device	10
4.13 Throttle control	10
4.14 Clutch	12
4.15 Tanks	12
4.16 Protection against contact with parts under high voltage	13
4.17 Protection against contact with hot parts	13
4.18 Exhaust gases	14
4.19 Vibration	14
4.20 Noise	14
4.21 Electromagnetic immunity	15
5 Information for use	15
5.1 Instruction handbook	15
5.2 Marking	17
5.3 Warnings	18
5.4 Test of labels	19
Annex A (normative) Cutting-attachment impact test	21
Annex B (normative) Thrown objects test	23
Annex C (informative) List of significant hazards	27
Bibliography	29