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