ISO 5700:2006-11 (E)

Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Static test method and acceptance conditions

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 3

5 Apparatus 3
5.1 Horizontal loading tests 3
5.2 Crushing tests 7

6 Preparation of tractor and ROPS for testing 8

7 Test procedures 8
7.1 Sequence of tests 8
7.2 Horizontal loading from rear, front and side 9
7.3 Crushing tests 10
7.4 Second longitudinal loading 11

8 Seat index point 11

9 Clearance zone 11

10 Tolerances 13

11 Acceptance conditions 13
11.1 General 13
11.2 Clearance zone 14
11.3 Required force 14
11.4 Overload test 14
11.5 Cold weather embrittlement 14

12 Extension to other tractor models 16

13 Labelling 17

14 Test report 17

Annex A (normative) Requirements for providing resistance to brittle fracture of ROPS at reduced operation temperature 18

Annex B (normative) Test report for roll-over protective structure 20

Bibliography 27