ISO 12161:2006-09 (E)

Road vehicles - Endurance braking systems of motor vehicles and towed vehicles - Test procedures

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 5

5 General test conditions 6
5.1 Ambient conditions 6
5.2 Test site 6
5.3 Vehicle preparation 6

6 Downhill test 7
6.1 General 7
6.2 Downhill test track 8
6.3 Normal test parameters 8
6.4 Determination of specific test parameters 9
6.5 Conducting the downhill test 12
6.6 Presentation of results 14

7 Drag test (gradient simulation test) 14
7.1 General 14
7.2 Drag test track 14
7.3 Regular test parameters 14
7.4 Determination of specific test parameters 15
7.5 Conducting the drag test 15
7.6 Data processing and presentation of results 16

8 Indoor vehicle test on a test bench (gradient simulation test) 17
8.1 General 17
8.2 Description of the test bench 17
8.3 Normal test parameters 18
8.4 Determination of specific test parameters 19
8.5 Conducting the dynamometer test 19
8.6 Data processing and presentation of results 20

Annex A (normative) Vehicle data 22

Annex B (normative) Test reports 23

Bibliography 26