DIN EN 1645-1:2008-09 (E)

Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety (includes Am endment A1:2008)

Contents

Page

Foreword 3

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Testing 5

5 Design and construction 6

6 Internal equipment 8

7 Drinking water supply, storage and disposal of waste water 10

8 Appliances 11

9 Classification of thermal insulation and heating 11

10 Installations 12

11 Ventilation 12

12 Fire precautions 12

13 Warning notice 16

14 User's handbook 17

Annex A (normative) Rigidity test (See 5.2) 18

Annex B (normative) Grab handle test (see 5.4) 19

Annex C (normative) Strength of Entrance Steps (see 5.5.3) 21

Annex D (normative) Slip resistance test (see 5.5.4) 22

Annex E (normative) Separate entrance step stability test (see 5.5.4.2) 24

Annex F (normative) Clear height over bunks (see 6.1.2) 25

Annex G (normative) Strength of protection against falling out of bunks (see 6.1.3.3) 26

Annex H (normative) Mechanical strength of bunks (see 6.1.4) 27

Annex I (normative) Security of folding bunks (see 6.1.5) 28

Annex J (normative) Safety of access to upper bunks (see 6.1.6) 29

Annex K (normative) Measurement of gaps (see 6.1.7) 31

Annex L (normative) Thermal insulation - Method of calculation (see clause 9) 33

Annex M (normative) Determination of the thermal transmittance for caravans - Test method (see clause 9) 39

Annex N (normative) Test equipment 41

Bibliography 44