DIN EN 1176-4:2019-05 (E)

Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways (includes Amendment :2019)

Contents

Page

European foreword 3

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Safety requirements 7
4.1 General 7
4.2 Framework and fixing points for the cable 7
4.3 Calculation of forces acting on the cable of a cableway 7
4.4 Stops 7
4.5 Traveller 7
4.6 Suspension assembly 7
4.7 Cableways arranged in parallel 7
4.8 Grips 7
4.9 Seats 8
4.10 Speed 8
4.11 Free height of fall 8
4.12 Ground clearance 9
4.13 Cable length 9
4.14 Falling space and impact area 9

5 Test report 12

6 Information to be provided by the supplier/manufacturer 12

7 Marking 12

Annex A (normative) Method for the determination of performance of stops 13

A.1 Principle 13
A.2 Apparatus 13
A.3 Procedure 13

Annex B (normative) Method for the determination of the maximum speed of the traveller 14

B.1 Principle 14
B.2 Apparatus 14
B.3 Procedure 14

Annex C (informative) A-deviations 15