DIN EN 16139:2014-03 (E)

Furniture - Strength, durability and safety - Requirements for non-domestic seating (includes Corrigendum :2013)

Contents

Page

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Safety 8
4.1 General 8
4.2 Shear and squeeze points 8
4.2.1 Shear and squeeze points when setting up and folding 8
4.2.2 Shear and squeeze points under influence of powered mechanism 8
4.2.3 Shear and squeeze points during use 8
4.3 Stability 8
4.3.1 General 8
4.3.2 Swivelling chairs 9
4.3.3 Non swivelling chairs 9
4.4 Rolling resistance of the unloaded chair 9
4.5 Safety of the construction 9

5 Safety, strength and durability requirements 9

6 Test methods 10

7 Information for use 11

8 Test report 12

Annex A (informative) Additional tests 13

Annex B (informative) Test severity in relation to applications 14

Annex C (informative) Dimensional requirements for office visitor chairs 15

C.1 General 15
C.2 Dimensional requirements 15
C.2.1 Seat height [a] 15
C.2.2 Seat depth [b] 15
C.2.3 Seat width [d] 15
C.2.4 Distance between arm rests [r] 15
C.3 Determination of reference points 15
C.3.1 Point "A" 15
C.3.2 Back supporting point "S" 15
C.4 Determination of dimensions 15
C.4.1 Seat height [a] 15
C.4.2 Seat depth [b] 16
C.4.3 Seat width [d] 16
C.4.4 Distance between arm rests [r] 16

Bibliography 17