

DIN EN 354:2010-11 (E)

Personal fall protection equipment - Lanyards

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Requirements	5
4.1	Design and ergonomics	5
4.2	Materials	5
4.3	Terminations	5
4.4	Slippage for lanyards with length adjustment device	6
4.5	Static strength	6
4.6	Dynamic strength for lanyards with a length adjustment device	6
4.7	Corrosion resistance	6
4.8	Marking and information	6
5	Test methods	6
5.1	General	6
5.2	Conditioning	7
5.2.1	General conditioning	7
5.2.2	Conditioning to wet and cold	7
5.2.3	Conditioning to very cold	7
5.3	Examination of design	7
5.4	Examination of materials	7
5.5	Examination of terminations	8
5.6	Slippage test for lanyards with a length adjustment device	8
5.7	Static strength test	8
5.7.1	Apparatus	8
5.7.2	Method	8
5.7.3	Static test for lanyard with a length adjustment device after the dynamic test	9
5.8	Dynamic strength test for lanyards with a length adjustment device	9
5.8.1	Apparatus	9
5.8.2	Test procedure	10
5.9	Corrosion resistance test	12
6	Marking	12
7	Information supplied by the manufacturer	12
8	Packaging	13
Annex A (informative)	Significant technical changes between this European Standard and the Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC	16
Figures	Figure 1 -- Measurement of the lanyard length	7
Figure 2 -- Example of a lanyard with more than two terminations, showing the terminations to be tested		9

Figure 3 -- Bowline knot	10
Figure 4 -- Test lanyard	10
Figure 5 -- Dynamic strength test for lanyards with a length adjustment device	11