

# DIN EN 358:2019-02 (E)

## Personal protective equipment for work positioning and prevention of falls from a height - Belts and lanyards for work positioning or restraint

Contents	Page
European foreword .....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Requirements .....	8
4.1 Design, construction and ergonomics .....	8
4.1.1 Waist belts .....	8
4.1.2 Fastening and adjustment elements of the waist belt .....	8
4.1.3 Work positioning and restraint lanyards .....	9
4.1.4 Length adjustment device .....	9
4.2 Materials .....	10
4.3 Connectors .....	10
4.4 Static strength .....	10
4.5 Dynamic strength .....	10
4.6 Corrosion resistance .....	11
4.7 Marking and information supplied by the manufacturer .....	11
5 Test methods .....	11
5.1 Examination of design and construction for waist belts .....	11
5.2 Examination of design and construction for fastening and adjustment elements .....	11
5.3 Examination of design and construction for work positioning and restraint lanyards .....	12
5.4 Examination of design and construction for length adjustment devices .....	13
5.5 Examination of materials .....	13
5.6 Static strength and slippage .....	13
5.6.1 Test apparatus .....	13
5.6.2 Waist belt .....	13
5.6.3 Waist belt with integrated lanyard with a length adjustment device .....	14
5.6.4 Waist belt with integrated restraint lanyard with a fixed length .....	15
5.6.5 Work positioning and restraint lanyard with a length adjustment device .....	16
5.7 Dynamic strength .....	17
5.7.1 Test apparatus .....	17
5.7.2 Waist belt .....	17
5.7.3 Waist belt with integrated lanyard .....	20
5.7.4 Lanyard with a length adjustment device .....	23
5.8 Corrosion resistance .....	25
6 Marking .....	25
7 Information supplied by the manufacturer .....	25
Annex A (informative) Significant changes between this document and the edition of EN 358:1999 .....	27
Annex B (informative) Background and rationale for this European Standard .....	31
Annex C (informative) Overview of the design/configuration and the range of requirements .....	33

<b>DIN EN 358:2019-02 EN 358:2018 (E) Annex ZA (informative) Relationship between this European Standard and the essential requirements of EU Directive 89/686/EEC aimed to be covered .....</b>	<b>34</b>
<b>Annex ZB (informative) Relationship between this European Standard and the essential requirements of EU Regulation (EU) 2016/425 aimed to be covered .....</b>	<b>36</b>
<b>Bibliography .....</b>	<b>38</b>