DIN EN ISO 27065:2018-04 (E)

Protective clothing - Performance requirements for protective clothing worn by operators applying pesticides a nd for re-entry workers (ISO 27065:2017)

Contents

Page

European foreword ... **3**

Annex ZA (informative) **Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered** ... **4**

Foreword ... **6**

Introduction ... **7**

1 Scope ... **8**

2 Normative references ... **8**

3 Terms and definitions ... **9**

4 Classification and testing requirements ... **10**

5 Pre-treatment and conditioning ... **12**
5.1 Pre-treatment by cleaning ... 12
5.2 Conditioning ... 12

6 Performance requirements of protective clothing materials ... **12**
6.1 General ... 12
6.2 Material resistance to penetration (pipette test) ... 13
6.3 Material Repellency (pipette test) ... 13
6.4 Material resistance to permeation ... 14
6.5 Material tensile strength ... 14
6.6 Material tear resistance ... 14
6.7 Material puncture resistance ... 15

7 Performance requirements of seams ... **15**
7.1 General ... 15
7.2 Seam resistance to penetration ... 15
7.3 Seam resistance to permeation ... 15
7.4 Seam tensile strength ... 16

8 Performance requirements of protective clothing ... **16**
8.1 General ... 16
8.2 Ergonomic tests (practical performance) ... 16
8.3 Liquid penetration resistance ... 16
8.3.1 Low-level spray test ... 16
8.3.2 High-level spray test ... 17

9 Marking ... **17**
9.1 General ... 17
9.2 Specific ... 17

10 Information supplied by the manufacturer ... **17**

Annex A (normative) **Test subject exercises for practical performance evaluation** ... **19**

Annex B (normative) **Testing requirements for Levels C1, C2 and C3 protective clothing** ... **20**

Annex C (informative) **Selection of test chemical for penetration tests** ... **21**

Annex D (informative) **Material water-vapour resistance (optional)** ... **22**

Annex E (informative) **Food and Agricultural Organization (FAO) Pesticide Labelling Pictograms** ... **23**

Annex F (informative) **Risk assessment — PPE to mitigate risk** ... **24**

Bibliography ... **25**