



Finnish Institute of  
Occupational Health

FIOH

notified by the Ministry of Social Affairs and Health  
and identified under 0403 grants

# EC TYPE EXAMINATION CERTIFICATE

12059HDS01rev1

for electrostatic dissipative protective clothing  
against heat and flame  
as defined in EN 1149-5:2008  
and EN ISO 11612:2008, A1 B1 C2,  
made in material complying with EN 61482-1-2:2007  
class 1 (4 kA) against thermal effects of electric arc

**Quality 173 SHIELD:**

**Pants 129, Sweater 220, Zip neck 241, Jacket 250**

Devold of Norway AS

Langevåg, Norway

These products comply with Directive 89/686/EEC,  
as amended

Helsinki, 11 November 2014  
Expiry date: 10 November 2019

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## 1. Applicant

Devold of Norway AS  
Molvervegen 12  
N-6030 Langevåg  
Norway

## 2. Description and identification of the product

Type: Electrostatic dissipative protective clothing against heat and flame as defined in EN 1149-5:2008 and EN ISO 11612:2008, performance levels A1 B1 C2, made in material complying with EN 61482-1-2:2007 class 1 (4 kA) against thermal effects of electric arc

Name: Quality 173 SHIELD: Pants 129, Sweater 220, Zip neck 241, Jacket 250

Description: Models are made in quality 173, 49% Viscose/39% Merino Wool/10% PA/2% negastat, single jersey terry, 280 g/m<sup>2</sup> (Devold).

Manufacturer: UAB Devold, Lithuania

Pictures of the models are on page 3.

## 3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. Material of the products has been tested in accordance with harmonized European standards EN ISO 11612:2008, EN 1149-5:2008 and EN 61482-1-2:2007 by accredited testing laboratories. The models of the products supplied by the applicant conform to the technical documentation.

## 4. Compliance with basic health and safety requirements

The products and the technical documentation relating to them comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended.

Note: Any modification in design, materials, or in the technical documentation, carried out on these type examined products must be brought to the attention of FIOH.



Pictures of the products

Pants 129



Sweater 220



Zip neck 241



Jacket 250



Appendix 1. Technical documentation

End of EC type examination certificate 12059HDS01rev1.



**Technical documentation regarding EC type examination certificate 12059HDS01rev1**

Product name: Quality 173 SHIELD: Pants 129, Sweater 220, Zip neck 241, Jacket 250

Applicant: Devold of Norway AS, Molvervegen 12, N-6030 Langevåg, Norway

| <i>Item of technical documentation</i>  | <i>Document identification</i>  | <i>Assessment</i>   |
|---|---|---|
| 1. Application for the EC type examination  | 2012-02-17<br>E-mail, 2014-11-06  |   |
| 2. Product drawing, construction, and material list   | Folder summaries, 2012-02-17<br>Product specification:<br>• Quality 173, 2010-04-10             | Material and models are specified   |
| 3. Compliance with Directive 89/686/EEC relevant basic requirements                             | The compliance assessment is based on reports mentioned below items 3.1-3.5                     |   |
| 3.1 FIOH assessment of relevant Directive basic requirements                                    | 2014-11-11  | The applied harmonised standards EN ISO 20471:2013, EN ISO 11612:2008 and EN 1149-5:2008 support the relevant requirements of the Directive |
| 3.2 FIOH test report  | No. 187091T01, 2012-02-23<br>Quality 173, knitted fabric, flat lock seam                        | Material meets the requirements of EN ISO 11612:2008, performance levels A1 B1 C2. Seam meets the requirements of A1 for flame spread       |
| 3.3 STFI test report  | No. 2011 2540, 2012-01-31<br>Quality 173  | Material meets the requirements of EN 61482-1-2:2007 class 1 (4 kA) and EN 1149-5:2008 for charge decay                                     |
| 3.4 Draft information sheet   | Bruker informasjon for verneklær  | Document meets the requirements of the directive, EN ISO 20471:2013, EN ISO 11612:2008 and EN 1149-5:2008                                   |
| 3.5 Product markings  | Wash labels, 2012-02-17   | Markings meet the requirements of EN ISO 20471:2013, EN ISO 11612:2008 and EN 1149-5:2008   |
| 4. Description of the production quality system and related product control and test facilities | Norske Veritas ISO 9001:2008<br>Certificate No. 78392-2010-AQ-FIN-FINAS, 2010-05-26, UAB Devold | Certificate is valid for the production and sales of knitted goods  |