



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

13054FTS01rev3

for electrostatic dissipative protective clothing
against heat and flame, and thermal effects of electric arc
as defined in EN 1149-5:2008, EN ISO 11612:2008,
A1+A2 B1 C1, and EN 61482-1-2:2007 class 1 (4 kA)

Quality 269 SAFE:

**Woman Long johns 110, Long johns 124,
T-shirt 210, Shirts 220, 230, Zip neck 240, Boxer 146,
Collar 810, Hood 815, 816, Hood double 817,
Headover 840, Cap 900**

Devold of Norway AS
Langevåg, Norway

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

Helsinki, 9 February 2015
Expiry date: 8 February 2020

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Leading Specialist

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This certificate comprises 3 pages and an appendix.
This certificate replaces certificate 13054FTS01rev2, 2014-12-08

Finnish Institute of Occupational Health, Notified Body No. 0403,
Topeliuksenkatu 41 b, FI-00250 Helsinki, Finland



1. Applicant

Devold of Norway AS
Molværsvegen 12
N-6030 Langevåg
Norway

2. Description and identification of the product

- Type: Electrostatic dissipative protective clothing against heat and flame, and thermal effects of electric arc as defined in EN 1149-5:2008, EN ISO 11612:2008, A1+A2 B1 C1, and EN 61482-1-2:2007 class 1 (4 kA)
- Name: Quality 269 SAFE: Woman Long johns 110, Long johns 124, T-shirt 210, Shirts 220, 230, Zip neck 240, Boxer 146, Collar 810, Hood 815, 816, Hood double 817, Headover 840, Cap 900
- Description: Models are made in quality 269, 50% Viscose FR, 40% Merino Wool, 8% PA, 2% Negastat, 1:1 rib (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 and the products have 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

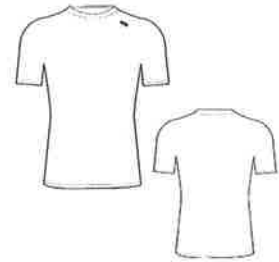
Woman Long johns 110



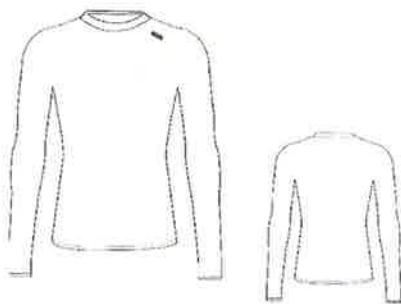
Long johns 124



T-shirt 210



Shirt 220



Shirt 230



Zip neck 240



Boxer 146



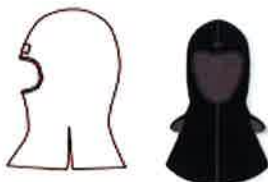
Collar 810



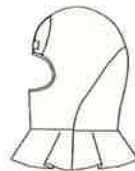
Cap 900



Hood 815



Hood 816



Hood double 817



Headover 840



Appendix 1. Technical documentation
End of EC type examination certificate 13054FTS01rev3.



Technical documentation regarding EC type examination certificate 13054FTS01rev3

Product name: Quality 269 SAFE: Woman Long Johns 110, Long Johns 124, T-shirt 210, Shirts 220, 230, Zip neck 240, Boxer 146, Collar 810, Hood 815, 816, Hood double 817, Headover 840, Cap 900

Applicant: Devold of Norway AS, Molværsvegen 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 | 2013-01-17 E-mail, 2014-06-06, 2014-11-24, 2015-02-03 | |
| 2. Product drawing, construction, and material list | Folder summaries, 2011-07-07 Safe Zip neck 269-240, 2013-01-17 Shirt with high neck 269-230, 2014-06-06 Boxer 269-146, 2014-06-05 Hood 269-816, 2014-10-07 Stamp report - Storyboard, 2013-05-16 Cap 900, 2014-11-24 | 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 3.1-3.7 | |
| 3.1 FIOH assessment of relevant Directive basic requirements | 2015-02-09 | The applied harmonised standards EN ISO 13688:2013, EN 1149-5:2008 and EN ISO 11612:2008 support the relevant requirements of the Directive |
| 3.2 FIOH test report | 10592T01, 2010-12-02 10592T02, 2011-01-31 Quality 169, knitted material and flat lock seam (same as 269 without antistatic fiber) | Material meets the requirements of EN ISO 11612:2008, performance levels A1+A2 B1 C1. Seam meets requirements of A1+A2 for flame spread |
| 3.3 STFI test report | No. 2012 2538, 2012-12-27 Art. Safe 269 | Material meets the requirements of EN ISO 11612:2008 for flame spread and requirements of EN 1149-5:2008 |
| 3.4 Aitex test report | No. 2013EP0611, 2013-05-14 Quality 269 | Material meets the requirements of EN ISO 11612:2008 for dimensional change (domestic washing at 60°C) |
| 3.5 Aitex test report | No. 2013EP0351, 2013-03 Quality 269, Zip neck 269-240 | Material and garments meet the requirements of EN 61482-1-2:2007 class 1 (4 kA). Garment shall be cover the whole body to get full protection |
| 3.6 Draft information sheet | Bruker informasjon for verneklær Bruker informasjon for antistatisk verneklær | Document meets the requirements of the directive, EN ISO 13688:2013, EN 1149-5:2008 and EN ISO 11612:2008 |
| 3.7 Product markings | Labels in folder summaries | Markings meet the requirements of EN ISO 13688:2013, EN 1149-5:2008 and EN ISO 11612:2008 |
| 4. Description of the production quality system and related product control and test facilities | ISO 9001:2008 Certificate No. 78392-2010-AQ-FIN-FINAS, Norske Veritas, UAB Devold | Adequate to category III products |