



Finnish Institute of
Occupational Health

FIOH

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

EC TYPE EXAMINATION CERTIFICATE

10437DVS01rev1

for protective clothing against heat and flame,
and thermal effects of electric arc
as defined in EN ISO 11612:2008, A1 B1 C1,
IEC 61482-2:2009 class 1 (4 kA),
material complies with EN ISO 14116:2008,
index 3/5H/40

Quality 109:

**100 Long Johns, 145 Boxer-shorts, 210 T-shirt,
220 Shirt, 240 Zip-neck Shirt, 810 Collar,
815 Hood single layer, Hoods 816, 817, double layer**

Devold of Norway AS
Langevåg, Norway

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

Helsinki, 4 February 2015
Expiry date: 3 February 2020

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1. Applicant

Devold of Norway AS
Molvaersvegen 12
N-6030 Langevåg
Norway

2. Description and identification of the product

Type: Protective clothing against heat and flame and thermal effects of electric arc as defined in EN ISO 11612:2008, A1 B1 C1, IEC 61482-2:2009 class 1 (4 kA) with material complying with EN ISO 14116:2008 index 3/5H/40

Name: Quality 109: 100 Long Johns, 145 Boxer-shorts, 210 T-shirt, 220 Shirt, 240 Zip neck Shirt, 810 Collar, 815 Hood single layer, Hoods 816, 817, double layer

Description: Models are made in quality 109, 50% Wool, 50% FR Viscose, 1:1 rib, 215 g/m² (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 61482-1-2:2007 and EN ISO 14116:2008 by an accredited testing laboratory. 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.

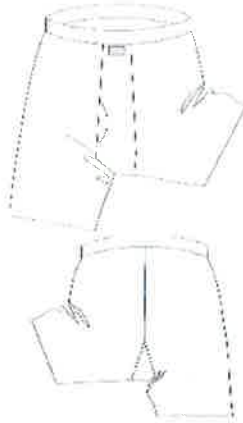


Pictures of the products

100 Longs M/gylf



145 Boxer-shorts



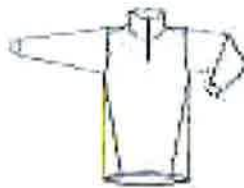
210 T-shirt



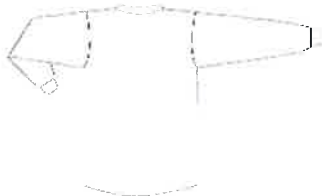
220 Shirt w/creck neck



240 Zip-neck Shirt



810 Collar



815 Hood single layer,
face opening



Hood 816, 817 double layer,
eye opening



Appendix 1. Technical documentation

End of EC type examination certificate 10437DVS01rev1.



Technical documentation regarding EC type examination certificate 10437DVS01rev1

Product name: Quality 109: 100 Long Johns, 145 Boxer-shorts, 210 T-shirt, 220 Shirt,
240 Zip-neck Shirt, 810 Collar, 815 Hood single layer, Hoods 816, 817, double layer

Applicant: Devold of Norway AS, Molvaersvegen 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	2010-07-05 E-mail, 2015-01-26	
2. Product drawing, construction, and material list	Product specification, Quality 109, rev 2010-04-10 Models in fabric quality 109 (Stamp Report), 2010-07-01 Folder summaries: <ul style="list-style-type: none">• Total Longs Johns 109-100, 2010-07-01• Boxershorts 109-145, 2006-09-18• T-shirt 109-210, 2006-09-18• Shirt w/crew neck 109-220, 2006-09-18• Collar 109-810, 2006-09-18• Headover 109-815, 2006-09-18• Headover 109-816, 2006-09-18	Material is specified, models are identified and described
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.6	
3.1 FIOH assessment of relevant Directive basic requirements	2015-02-04	The applied harmonised standards EN ISO 13688:2013 and EN ISO 11612:2008 support the relevant requirements of the Directive
3.2 FIOH test report	Certificate of Test 10401A01, 2010-08-26 Test Report 10401T01, 2010-08-26 Quality 109, knitted fabric	Material meets the requirements of EN ISO 11612:2008, A1 B1 C1, and complies with EN ISO 14116:2007, index 3/5H/40. Seams meet the flame spread and strength requirements of EN ISO 11612:2008
3.3 Aitex test report	No. 2014EP2215, 2014-10-30 Knitted fabric 109	Material meets the requirements of EN 61482-1-2:2007 class 1 (4 kA)
3.4 STFI test report	No. 1431.5/07, 2007-07-17 Transfer ref LT	Transfer meets the requirements of EN ISO 11612:2008 for flame spread
3.5 Draft information sheet	Standards applied by Devold of Norway	Document meets the requirements of the directive, EN ISO 13688:2013 and EN ISO 11612:2008
3.6 Product markings	Drafts for labels, 2015-02-04	Markings meet the requirements of EN ISO 13688:2013 and EN ISO 11612:2008
4. Description of the production quality system and related product control and test facilities	Det Norske Veritas Management System Certificate No. 78392-2010-AQ-FIN-FINAS, 2010-05-26 UAB Devold	Adequate to category III products