



Finnish Institute of  
Occupational Health

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

# EC TYPE EXAMINATION CERTIFICATE

17331HDS01

for protective clothing against heat and flame,  
and for use in welding and allied processes  
as defined in EN ISO 11612:2015, A1 B1 C2 F1,  
and EN ISO 11611:2015 class 2 A1

**Welding Hood 76859**

Red Wing Shoe Company Inc.  
Minnesota, USA

This product complies with Directive 89/686/EEC,  
as amended

Helsinki, 24 August 2017  
Expiry date: 23 August 2022

Minna Torenius  
Specialist

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Senior Specialist

This certificate comprises 3 pages and one appendix.

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



## 1. Applicant

Red Wing Shoe Company Inc.  
314 Main Street  
Red Wing  
55066 Minnesota  
USA

## 2. Description and identification of the product

Type: Protective clothing against heat and flame, and for use in welding  
and allied processes as defined in EN ISO 11612:2015 and EN ISO 11611:2015

EN ISO 11612: Performance levels A1 B1 C2 F1  
EN ISO 11611: Class 2 A1

Name: Welding Hood 76859

Description: Hood is made of Quality 36, Art# 104231, 100% CO, 450 g/m<sup>2</sup>  
(Daletec AS, Norway).

Representative in Europe:  
Red Wing Shoe BV, Van Diemenstraat 272, NL-1013 CR Amsterdam, Netherlands

Picture of the product is 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 product have been tested in accordance with harmonized European standards EN ISO 11612:2015 and EN ISO 11611:2015 by accredited testing laboratories. The model of the product supplied by the applicant conforms to the technical documentation.

## 4. Compliance with basic health and safety requirements

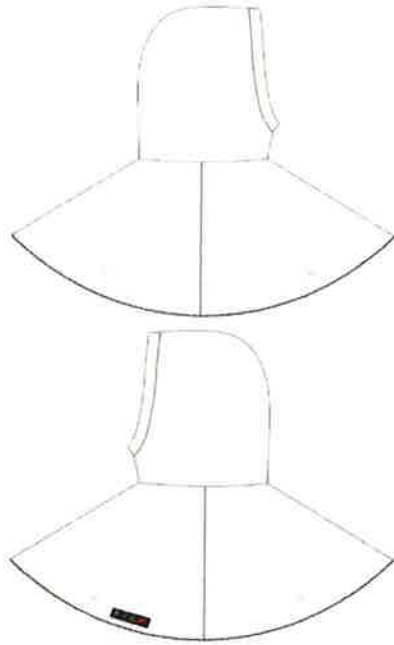
The product and the technical documentation relating to it comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended, last amended by 96/58/EC.

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



Picture of the product

Welding Hood 76859



Appendix 1. Technical documentation

End of EC type examination certificate 17331HDS01.



### Technical documentation regarding EC type examination certificate 17331HDS01

Product name: Welding Hood 76859

Applicant: Red Wing Shoe Company Inc., 314 Main Street, Red Wing, 55066 Minnesota, USA

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	2018-08-17	
2. Product drawing, construction, and material list	Garment specification, RW 76859 Welding Hood, 2017-08-17	Product is identified and described, materials are specified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.6	
3.1 FIOH assessment of relevant Directive basic requirements	2017-08-24	The applied harmonised standards EN ISO 13688:2013, EN ISO 11612:2015 and EN ISO 11611:2015 support the relevant requirements
3.2 West Yorkshire Materials Testing Service test report	No. 38545 & 44831, 2010-10-21 No. 38545-01, 2009-06-15 Dale Art. 104231 (quality 36)	Material meets the requirements of EN ISO 11612:2015, A1 A2 B1 C2 E2 F1 and EN ISO 11611:2015, class 2 A1 A2
3.3 FIOH test report	No. 163633T01rev1, 2011-06-30 Seam, chain stitch with overlocking and two stitchings	Seam meets the requirements of EN ISO 11612:2015 for limited flame spread A1+A2 and for seam strength
3.4 FIOH test record	Assessment of the design, 2018-08-22	Hood meets the design requirements of EN ISO 11612:2015 and EN ISO 11611:2015
3.5 Draft information sheet	User information	Document meets the requirements of the Directive, EN ISO 13688:2013, EN ISO 11612:2015 and EN ISO 11611:2015
3.6 Product markings	Label	Marking meets the requirements of EN ISO 13688:2013, EN ISO 11612:2015 and EN ISO 11611:2015
4. Description of the production quality system and related product control and test facilities	ISO 9001:2008 Certificate No. 43276, 2012-05-21	Adequate for cat II products