



Finnish Institute of
Occupational Health

FIOH

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

EC TYPE EXAMINATION CERTIFICATE

13363GVS01rev1

for high visibility clothing
as defined in EN ISO 20471:2013
class 2

Stihl X-fit Jacket
art. 7001 871 00 (07-12)
Andreas Stihl Norden AB
Stenkullen, Sweden

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

Helsinki, 20 November 2018
Expiry date: 21 April 2023

Minna Torenius
Specialist

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1. Applicant

Andreas Stihl Norden AB
Glimmervägen 6
SE-44361 Stenkullen
Sweden

2. Description and identification of the products

Type: High visibility clothing as defined in EN ISO 20471:2013

Class 2 for the minimum areas of visible materials

Name: Stihl X-fit Jacket art. 7001 871 00 (07-12)

Size range: XS ->

Description: Jacket is partly made of a fluorescent orange softshell fabric art. 81032, 66% PES, 34% Elastomultiester EME, 190 g/m² (Schoeller Textil AG, Switzerland).

Non-fluorescent material is quality 81029, 90% PA, 10% EL, 240 g/m², in black (Schoeller Textil AG).

Retroreflective material is Loxy 9901 Silver (Loxy AS, Norway).

Manufacturer: Synfiber AS, Brennaveien 6, N-1481 Hagan, Norway

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 a harmonized European standard EN ISO 20471:2013 amended with EN ISO 20471:2013/A1:2016 by accredited testing laboratories.

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.

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

Stihl X-fit Jacket art. 700187100 07-12



Appendix 1. Technical documentation

End of EC type examination certificate 13363GCS01rev1.



Technical documentation regarding EC type examination certificate 13363GVS01rev1

Product name: Stihl X-fit Jacket art. 7001 871 00 (07-12)

Applicant: Andreas Stihl Norden AB, Glimmervägen 6, SE-44361 Stenkullen, Sweden

| <i>Item of technical documentation</i> | <i>Document identification</i> | <i>Assessment</i> |
|---|--|--|
| 1. Application for the EC type examination | 2013-09-06 Renewal application, 2018-11-15 | |
| 2. Product drawing, construction, and material list | Garment sketch, X-fit jacket art. 700187100 Material list | Product is described and materials are specified |
| 3. Compliance with Directive 89/686/EEC relevant basic requirements | The compliance assessment is based on reports mentioned below items 3.1-3.8 | |
| 3.1 FIOH assessment of relevant Directive basic requirements | 2018-11-20 | The applied harmonised standards EN ISO 13688:2013 and EN ISO 20471:2013 support the relevant requirements |
| 3.2 STFI Zertifikat | No. Z 7225/17-8838/18, 2018-01-30 Art. 81032, HV Orange | Material meets the requirements of EN ISO 20471:2013 |
| 3.3 STFI test report | No. 0127.1/10, 2010-03-10 Art. 81029, black | Non-fluorescent material meets the requirements of EN ISO 20471:2013 |
| 3.4 Testex certificate | Oeko-Tex Standard 100 CXX 11462, 2013-07-16 Schoeller Textil AG Woven and knitted fabrics | Materials meet the requirements of EN ISO 13688:2013 for innocuousness |
| 3.5 FIOH certificate of test | No. 325535A01, 2016-11-21 Loxy 9901, sew-on reflective material | Material meets the requirements of EN ISO 20471:2013 (100 x 60°C) |
| 3.6 FIOH test record | Assessment of the design and measurement of areas, 2013-09-19, 2018-10-30 | Jacket meets the requirements of class 2 as defined in EN ISO 20471:2013. Areas in size XS: reflex 0.17 m ² , fluorescent 0.62 m ² |
| 3.7 Draft information sheet | Recommendations for use of retroreflective clothing | Document meets the requirements of the Directive, EN ISO 13688:2013 and EN ISO 20471:2013 |
| 3.8 Product markings | Care label art. 700187100 XX | Marking meets the requirements of EN ISO 13688:2013 and EN ISO 20471:2013 |
| 4. Description of the production quality system and related product control and test facilities | Bureau Veritas ISO 9001:2008 Certificate No. DNKFRC95580A, 2012-06-12 SIA "SRC Brasa" | Adequate for category II products |