



Finnish Institute of
Occupational Health

FIOH

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

EC TYPE EXAMINATION CERTIFICATE

14140CPS01

for high visibility clothing
as defined in EN ISO 20471:2013
class 2 for minimum areas of visible materials

Stihl Warnschutzjacke Vent471

art. 0088 326 0044-0068

Synfiber AS
Oslo, Norway

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

Helsinki, 17 October 2014
Expiry date: 16 October 2019

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Technical documentation regarding EC type examination certificate 14140CPS01

Product name: Stihl Warnschutzjacke Vent471 art. 0088 326 0044-0068

Applicant: Synfiber AS, Professor Birkelandsvej 35, N-1081 Oslo, Norway

Item of technical documentation	Document identification	Assessment
1. Application for the EC type examination	2014-08-22	
2. Product drawing, construction, and material list	Sketch of the product Data sheet	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 3.1-3.9	
3.1 FIOH assessment of relevant Directive basic requirements	2014-10-17	The applied harmonised standards EN ISO 13688:2013 and EN ISO 20471:2013 support the relevant requirements
3.2 MTL test report	Certificate of Test, 2003-11-04 Knitted fabric, HV Orange	Material meets the requirements of EN 471:2003 for chromaticity as received and xenon
3.3 FIOH test report	No. 266466T01, 2014-10-15 Bird-eye knitted fabric, HV Orange	Fluorescent material meets the requirements for chromaticity after 5 wash cycles at 60° and colour fastness to washing
3.4 SGS test report	No. 2681472, 2014-04-11 No. 2702899, 2014-05-19 Knitted fabric, 100% PES popcorn, HV Orange	Material meets the requirements of EN 471:2003 for colour fastness, dimensional change and bursting strength
3.5 SGS test report	No. 2681472, 2014-04-11 No. 2709257, 2014-05-27 90% PES, 10% Spandex, black	Non-fluorescent material meets the requirements of EN ISO 20471:2013
3.6 Satra test report	Ref: SPC0218279/1338/1, Issue 2, 2013-11-06 LOXY 9901, Silver	Reflective material meets the requirements of EN ISO 20471:2013
3.7 FIOH test record	Assessment of the design and measurement of areas, 2014-06-012	Jacket in size XS meets the requirements of class 2 as defined in EN ISO 20471:2013. Area of retroreflective material 0.2 m ² , area of fluorescent material 0.53 m ²
3.8 Draft information sheet	User information, Andreas Stihl, 2014	Document meets the requirements of the Directive, EN ISO 13688:2013 and EN ISO 20471:2013
3.9 Product markings	Care label Stihl	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	Product quality control points, Synfiber Workwear	Adequate for category II products



1. Applicant

Synfiber AS
Professor Birkelandsvej 35
N-1081 Oslo
Norway

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 material

Name: Stihl Warnschutzjacke Vent471 art. 0088 326 0044-0068

Size range: XS ->

Description: Jacket is partly made of a fluorescent orange knitted fabric, 100% PES,
135 g/m² (Grandeur Fiber Co. Ltd., Thailand).

Non-fluorescent material is fabric 90% PES, 2% Spandex, 170 g/m²,
in black.

Retroreflective material is Loxy 9901 Silver (Sto-Nor Industri AS, Norway).

Manufacturer: Sonny-Tex Co., Ltd, Thailand

Representative: Andreas Stihl AG & Co. KG

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 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 Warnschutzjacke Vent471 art. 0088 326 0044-0068



Appendix 1. Technical documentation

End of EC type examination certificate 14140CPS01.



Konformitätserklärung

Diese Konformitätserklärung gilt nur für die Länder der Europäischen Union.

Konformitätserklärung des Herstellers (übereinstimmt mit der Richtlinie 89/686/EEC)

Der Hersteller,

Synfiber AS
Professor Birkelandsvei 35
NO-1081 Oslo

erklärt hiermit, dass die nachstehend beschriebene neue PSA

Typ: **Warnschutz-Jacke, Vent 471**
Marke: **STIHL®**
Artikelnummer: **0088 326 00..**

übereinstimmt mit den Bestimmungen der Richtlinie 89/686/EEC .

Das Erzeugnis, entwickelt und gefertigt in Übereinstimmung mit der folgenden Norm:

EN ISO 20471:2013, DIN EN 13688

ist identisch mit der PSA für die EU-Konformitätsbescheinigung.

Prüfnummer: **14140CPS01 / October 17, 2014**

Prüfinstitut: **FIOH – Finnish Institute of Occupational Health**
Topeliuksenkatu 41b
FI-00250 Helsinki

Oslo, 19.01.2017

Synfiber AS
Professor Birkelandsvei 35
NO-1081 Oslo

John Bror Skoglund
Managing Director



Synfiber AS
Postboks 12 Leirdal
1008 Oslo



Declaration of Conformity

This Declaration of Conformity applies only in the countries of the European Union.

Declaration of Conformity (in accordance with the Directive 89/686/EEC)

The manufacturer,

Synfiber AS
Professor Birkelandsvei 35
NO-1081 Oslo

declares that the new PPE described below

Category: **high-visibility jacket, Vent 471**
Brand: **STIHL®**
Article Number: **0088 326 00..**

is in conformance with the Directive 89/686/EEC.

The product is developed and manufactured in compliance with the following standard:

EN ISO 20471:2013, DIN EN 13688

and is identical to the PPE for which the EU type examination certificate..

Certificate Number: **14140CPS01 / October 17, 2014**

Test Institute: **FIOH – Finnish Institute of Occupational Health**
Topeliuksenkatu 41b
FI-00250 Helsinki

Oslo, 19.01.2017

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Professor Birkelandsvei 35
NO-1081 Oslo


John Bror Skoglund
Managing Director



Synfiber AS
Postboks 12 Leirdal
1008 Oslo



Déclaration de Conformité

Cette Déclaration de conformité n'est valable que pour les pays de la Communauté Européenne

Déclaration de conformité du fabricant (coïncide avec la directive 89/686 / EEC).

Le fabricant,

Synfiber AS
Professor Birkelandsvei 35
NO-1081 Oslo

Déclare que l'EPI neuf décrit ci-après

Genre de dispositif: **Veste de signalisation, Vent 471**
Marque de fabrique: **STIHL®**
Numéro de commande: **0088 326 00..**

coïncide avec la directive 89/686 / EEC.

Le produit en question, développé et fabriqué conformément à la norme suivante:

EN ISO 20471:2013, DIN EN 13688

est identique à l'EPI de la déclaration de conformité CE.

numéro: **14140CPS01 / October 17, 2014**

délivrée par: **FIOH – Finnish Institute of Occupational Health**
Topeliuksenkatu 41b
FI-00250 Helsinki

Oslo, 19.01.2017

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