



In application of the directive 89/686/EEC of 21 December 1989 concerning the harmonisation of the Member States legislation relative to personal protective equipment, Centexbel Notified body 0493 authorised by decree AV/OA235/ST dated 94-05-25 of the Ministry of Employment and Labour has issued

CE TYPE EXAMINATION CERTIFICATE

Nr. 031/2017/1081

This CE Type examination certificate is valid until 03 Nov 2022

to: **ROOTS for Safety bv, Hoogvliet Rotterdam**

for: **Trousers FRACH-T-13 in combination with Jackets FRACH-J-13**

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Directive 89/686/EEC.

For the argumentation, the following standards are used:

EN 1149-5:2008	Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements
EN 13034:2005+A1:2009	Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6)
EN ISO 11611:2015	Protective clothing for use in welding and allied processes
EN ISO 11612:2015	Protective Clothing - Clothing to protect against heat and flame - Minimum performance requirements
EN ISO 13688:2013	Protective clothing - General requirements
IEC 61482-2:2009	Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements

This is PPE of category III, subject to regular checks in accordance with article 11 of the European PPE directive. In agreement with the manufacturer's choice random checks shall be carried out to assess the quality of the final product (art.11A). The manufacturer must be able, on request, to present the test report of this quality control check. A first quality control check shall be performed at the latest on 31 Dec 2018 and at least be repeated with intervals of one year.

This declaration applies to the equipment as submitted in the type testing and described in the manufacturer's technical file that is registered with number 8229.

Issued by Centexbel, Notified Body 0493^(*), in Ghent, on 03 Nov 2017
Jan Laperre
Certification Manager
Attached: 1 Annex

^{*}Recognized by decree AV/OA235/ST of 94-05-25 of the Ministry of Labor and Employment



ANNEX

CE TYPE EXAMINATION CERTIFICATE Nr. 031/2017/1081

1. Application

ROOTS for Safety bv
Mandenmakerstraat 51
3194 DA Hoogvliet Rotterdam
Netherlands

2. Description

EN 1149-5:2008



EN 13034:2005+A1:2009



Type 6

IEC61482-2:2009



Class 1

ATPV = 9,3 cal/m²

EN ISO 11612:2015



A1 A2 B1 C1 D0 E0 F1

EN ISO 11611:2015



Class 1 A1 A2

3. Materials and accessories

Outer fabric

- Kermel Alpha 4975

Lining pockets

- FLA 185 lining

Reflective Tape

- Gio-Lite FR120
- H001
- Loxy 9808
- Loxylight 9801
- MR-3591S

Zipper

- Metal Zipper Roots on Kermel Alpha
- Plastic Zipper Roots on Textreme 89416

Press button

- Metal Press button Roots on Kermel Alpha 4975
- Plastic button Roots (YKK) on Kermel Alpha

Seam

- kermel Alpha 4975

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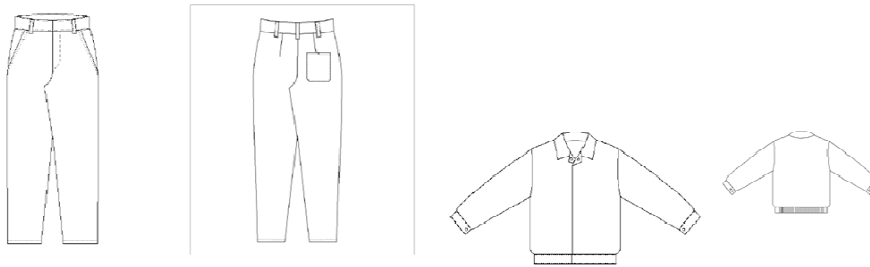
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Garment

- Kermel Alpha 4975 Garment

Description/Picture of article



The above picture is a general picture of the article. Possible variations of the above article can be present in the technical file.

Note :

Any modification in material, design, or other technical features must be brought to the attention of the Notified Body.

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