



In application of the Regulation (EU) 2016/425 of 9 March 2016 concerning the harmonization of the Member States legislation relative to personal protective equipment, Centexbel Notified body 0493 authorized by the FPS Economy (Federal Public Services) has issued the following:

EU TYPE EXAMINATION CERTIFICATE

Nr. 031/2019/1393

This EU Type examination certificate is valid until 09 Sep 2024

to: **ROOTS for Safety bv, Hoogvliet Rotterdam**
for: **Jacket HVFRACH-J2-13 in combination with Trousers HVFRACH-T1-13**

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Regulation (EU) 2016/425.

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 and Type PB[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
EN ISO 20471:2013+A1:2016	High visibility clothing - Test methods and requirements
IEC 61482-2:2009	Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements

If there is a former EC Type examination certificate according to the Directive 89/686/EEC this certificate remains valid until 21 April 2023 unless it expires before that date, for products that were manufactured before the issuance of this new EU Type examination certificate according to the Regulation (EU) 2016/425.

This is PPE of category III, subject to regular checks in accordance with article 19 of the European PPE Regulation. In agreement with the manufacturer's choice audits of the production process shall be carried out to assess the Conformity of type (Module D). The manufacturer must be able, on request, to present the audit report. A first audit shall be performed at the latest on 31 Dec 2020 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 documentation (As described in 2016/425 Annex III) that is registered with number 11146.

Issued by Centexbel, Notified Body 0493, in Ghent, on 09 Sep 2019



Inge De Witte
Certification Manager

Attached: 1 Annex



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ANNEX

EU TYPE EXAMINATION CERTIFICATE Nr. 031/2019/1393

1. Applicant

ROOTS for Safety bv
Mandenmakerstraat 51
3194 DA Hoogvliet Rotterdam
Netherlands

2. Description

EN 1149-5:2008



EN 13034:2005+A1:2009



Type 6

IEC 61482-2:2009



class 1 ATPV: 10.2 cal/cm²

EN ISO 11612:2015



A1 A2 B1 C2 D0 E3 F1

EN ISO 11611:2015



A1 + A2 Class 2

EN ISO 20471:2013+A1:2016



Jacket

EN ISO 20471:2013+A1:2016



Trousers

3. Materials and accessories

Outer fabric

- FLC320

Lining

- FLA 185



- Winter lining with FR padding

Reflective Tape

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

Embroidery

- Embroidery Roots

Zipper

- Plastic zipper Roots

Press button

- FLC320 with plastic press button YKK
- Plastic press button Roots (KAM CH17)

Seam

- FLC320 seam

Assembly

- FLC 320 + Winter lining with FR padding
- FLC320WP+FLA185

Garment

- FLC320 + Winter lining met FR padding

Fluorescent material

- FLC320 HV yellow

Contrast fabric outer

- FLC320 navy
- FLC320 orange
- FLC320 red
- FLC320 royal

Contrast fabric inner

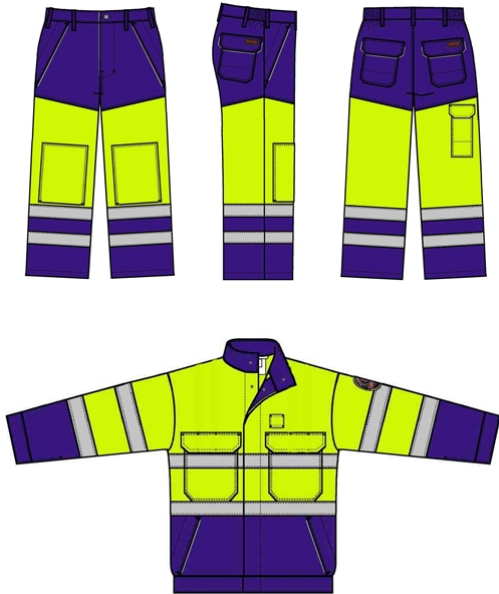
- FLA 185 lining Black
- Winter lining with FR padding

Exterior accessory

- FB205 with heatseal logo
- FLC320 with Roots rubber badge

Description/Picture of article

Article **Jacket HVFRACH-J2-13 in combination with Trousers HVFRACH-T1-13**



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.