



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. 031/2017/0795

This CE Type examination certificate is valid until 04 Aug 2022

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

for: **Trousers HVFRACHR-T1-02 in combination with Jacket HVFRACHR-J3-02**

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

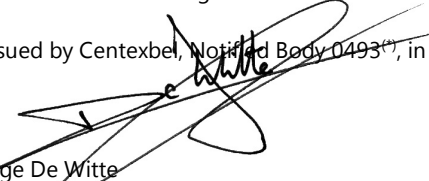
For the argumentation, the following standards are used:

EN 1149-5:2008	Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements
IEC 61482-2:2009	Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements
EN 343:2003+A1:2007	Protective clothing - Protection against rain
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 20471:2013	High visibility clothing - Test methods and requirements
EN ISO 13688:2013	Protective clothing - General requirements
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

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 7375_2.

Issued by Centexbel, Notified Body 0493^(*), in Ghent, on 04 Aug 2017


Inge De Witte
Certification Manager
Attached: 1 Annex

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



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ANNEX

CE TYPE EXAMINATION CERTIFICATE Nr. 031/2017/0795

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

EN 343:2003+A1:2007



3

2



Trousers HVFRACHR-T1-02 :

EN ISO 20471:2013



Jacket HVFRACHR-J3-02 :

EN ISO 20471:2013



IEC61482-2:2009



Class 2

ATPV = 35.2cal/cm²

EN ISO 11612:2015



A1 B1 C1 E3 F1

EN ISO 11611:2015



A1 Class 2

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3. Materials and accessories

Outer fabric

- SBXWP

Lining

- FLA 185 lining

Reflective Tape

- FR-120 reflective tape
- Loxylight 9801
- MR-3591S
- StoNor ref. 9808 trim
- Vizlite 301

Transfert

- Roots FR Rubber Badge

Embroidery

- Embroidery Roots

Press button

- Press Button Roots

Button

- Plastic button Roots (YKK)

Seam

- SBXWP seam

Assembly

- SBXWP + FLA185 lining

Garment

- Coverall/Jacket/Trousers HVFRACHR-02

Fluorescent material

- SBXWP HV Yellow

Contrast fabric outer

- SBXWP Navy

Contrast fabric inner

- FLA 185 lining Black

Description/Picture of article

