



In application of the directive 89/686/EEG 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

to: **ROOTS for Safety bv**

Mandenmakerstraat 41  
3194 DA Hoogvliet Rotterdam  
Nederland

## CE TYPE EXAMINATION CERTIFICATE

Nr. 03111007

This CE Type examination certificate is valid until 4/01/2016

for: 1 or 2 piece suits FRA-14

The personal protective equipment above mentioned satisfies the applicable essential safety For the argumentation, the following standards are used:

- EN 340:2003: Protective clothing - general requirements
- EN 1149-5:2008: Protective clothing - electrostatic properties - requirements (see annex)
- EN ISO 11611:2007: Protective clothing for use in welding and allied processes (see annex)
- EN ISO 11612:2008: Protective clothing - clothing to protect against heat and flame (see annex)
- 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 31.12.2012 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 4813 issued by Centexbel, Notified Body 0493<sup>(\*)</sup>, in Ghent, on

  
Inge De Witte  
Certification Manager

4 January 2011, updated 28.09.2012

  
Jan Leperre  
directeur/generaal

attached: Annex 4 pages

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

**Annex to certificate 03111007**

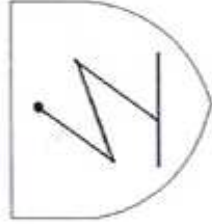
The 1 or 2 piece suits FRA-14 comply with the most recent understanding as written in EN 1149-5:2008

These requirements are as follows:

- The electrostatic dissipative clothing shall cover permanently all non complying materials during normal use.
- If the electrostatic dissipative protective clothing comprises multiple layers, the outermost material shall meet the material requirements.
- Thin, non-dissipative attachments such as labels, reflective stripes, etc., are permitted provided they are permanently attached so as to avoid significant separation between the attachment and the electrostatic dissipative clothing.
- Conductive parts (zippers, buttons ...) are permitted provided that they are properly covered by the outermost material when the clothing is worn in flammable or explosive atmospheres.

On homogenous materials the test is carried out according to EN 1149-1:2006.

On non-homogenous materials the test is carried out according to EN 1149-3:2004.



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**CENTEXBEL GENT**

Technologiepark 7, BE-9052 Zwijnaarde (Gent)

tel. + 32 9 220 41 51

fax + 32 9 220 49 55

e-mail [gent@centexbel.be](mailto:gent@centexbel.be)

BTW BE 0459 218 289 - fin.rek. 210-0472965-45 - IBAN BE 44 2100 4729 6545

[www.centexbel.be](http://www.centexbel.be)





Annex to certificate 03111007

1 or 2 piece suits FRA-14 fulfil the requirements of EN ISO 11612:2008

to use the following pictogram:



EN ISO 11612:2008  
A1 B1 C2 D0 E3 F1

*(Handwritten signature)*

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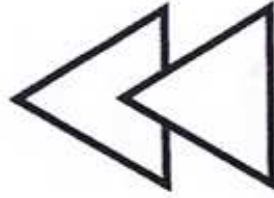




Annex to certificate 03111007

1 or 2 piece suits FRA-14 fulfil the requirements of IEC 61482-2:2009

to use the following pictogram:



IEC 61482-2:2009

ATPV = 8.1 cal/cm<sup>2</sup>

Class 1

A handwritten signature in blue ink, appearing to be 'A'.

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