



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: **Sioen nv**
Fabriekstraat 23
8850 Ardoois
Belgium

CE TYPE EXAMINATION CERTIFICATE

Nr. 03209379

for: **Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33**

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Directive.


For the argumentation, the following standards are used:

EN 340:2003:	Protective clothing - general requirements
EN 343:2003 +A1:2007:	Protection against foul weather (see annex)
EN 471:2003 +A1:2007:	High visibility warning clothing (see annex)
EN 531:1995:	Protective clothing for industrial workers exposed to heat (see annex)
EN 1149-5:2008:	Protective clothing - electrostatic properties - requirements (see annex)
EN 13034:2005 type PB[6]:	Protective equipment for protection against chemicals Type PB[6]
EN ISO 14116:2008:	Protective clothing - protection against heat and flame - limited flame spread materials, material assemblies and clothing (see annex)

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 audits shall be carried out to assess the quality control system (art.11B). The manufacturer must be able, on request, to present the audit report. A first audit shall be performed at the latest on 31.12.2010 and at least be repeated with intervals of one year.

The technical file is registered with number 4071


Fred Foubert
certification officer

24 July 2009

Jan Laperre
general manager

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Annex to certificate 03209379

Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 fulfil the requirements of EN 343:2003 +A1:2007

to use the following pictogram:



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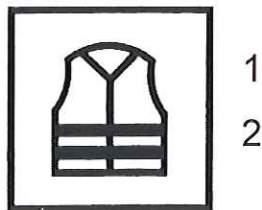
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Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 fulfil the requirements of EN 471:2003 +A1:2007

to use the following pictogram



A handwritten signature in black ink, located to the left of the pictogram.

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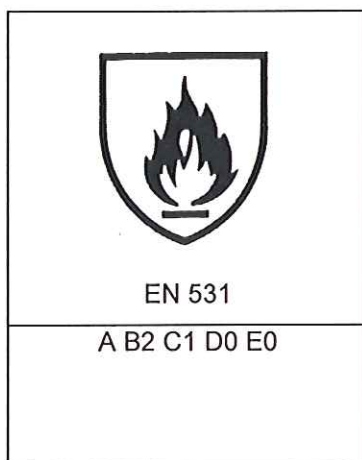
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Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 fulfil the requirements of EN 531:1995

to use the following pictogram:



A handwritten signature in black ink, located to the left of the pictogram.

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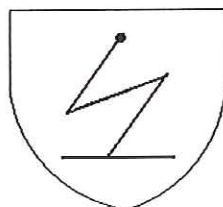
The Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 comply with the most recent understanding as written in EN 1149-5:2008

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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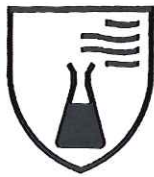
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Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 fulfil the requirements of EN 13034:2005 type PB[6]

to use the following pictogram:



Siopor FR Ast

class 6 for the abrasion resistance
class 4 for the tearing resistance
class 6 for the tensile strength
class 3 for the puncture resistance
class 3 for the repulsion of H₂SO₄ 30%
class 3 for the repulsion of NaOH 10%
class 1 for the repulsion of o-Xyleen
class 2 for the repulsion of Butan-1-ol
class 3 for the penetration of H₂SO₄ 30%
class 3 for the penetration of NaOH 10%
class 1 for the penetration of o-Xyleen
class 3 for the penetration of Butan-1-ol
class 5 for the seam strength

Siostart FR Ast + FR cotton

class 6 for the abrasion resistance
class 3 for the tearing resistance
class 6 for the tensile strength
class 3 for the puncture resistance
class 3 for the repulsion of H₂SO₄ 30%
class 3 for the repulsion of NaOH 10%
class 3 for the repulsion of o-Xyleen
class 3 for the repulsion of Butan-1-ol

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class 3 for the penetration of H₂SO₄ 30%

class 3 for the penetration of NaOH 10%

class 3 for the penetration of o-Xyleen

class 3 for the penetration of Butan-1-ol

class 5 for the seam strength

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Trousers CHLST/FB2C1/FR1+3/AS/HV12/WR33 fulfil the requirements of EN ISO 14116:2008 as follow:



Siopor FR Ast

Outer layer : Index 1/12H/40

Inner layer : Index 3/25H/40

Siostart FR Ast + FR cotton

Outer layer : Index 1/5H/40

Inner layer : Index 3/12H/75

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