

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 Ardoonie
Belgium

CE TYPE EXAMINATION CERTIFICATE

Nr. 03208059

for: bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23


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 531:1995: protective clothing for industrial workers exposed to heat (see annex)
- EN 533:1997: protection against heat and flame, limited flame spread material assembly (see annex)
- EN 471:2003: high visibility warning clothing (see annex)
- EN 14058:2004: protective clothing against moderate cold (see annex)
- prEN 1149-5:2007: protective clothing - Electrostatic properties - Part 5: performance requirements
- EN 13034:2005 type PB[6]: protective equipment for protection against chemicals Type PB[6]

The technical file is registered with number 3452

11 February 2008


Fred Foubert
certification officer


Jan Laperre
general manager

CENTEXBEL GENT

Technologiepark 7, BE-9052 Zwijnaarde (Gent)

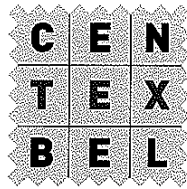
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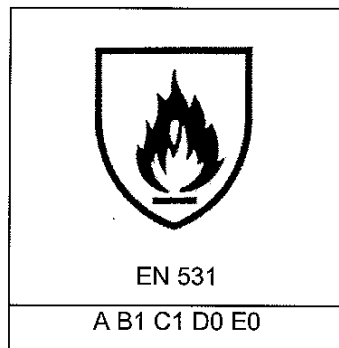
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The bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 fulfils the requirements of EN 531:1995

to use the following pictogram:



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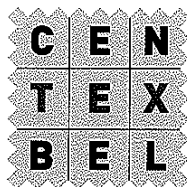
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The fabric which is used for the production of bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 fulfils the requirements of EN 533:1997 3/5X50



3/5X50

INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ÉTABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

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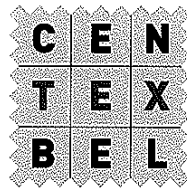
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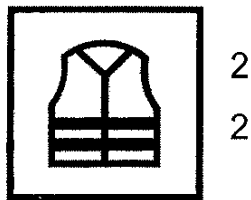
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The bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 fulfils the requirements of EN 471:2003

to use the following pictogram



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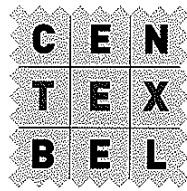
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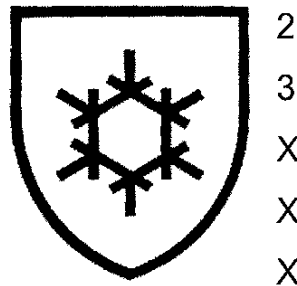
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The bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 fulfils the requirements of EN 14058:2004

to use the following pictogram:



INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ÉTABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

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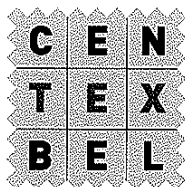
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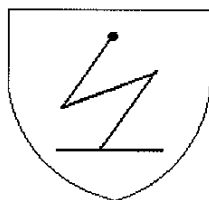
The bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 complies with the most recent understanding as written in prEN 1149-5:2007

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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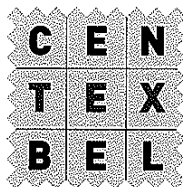
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The bodywarmer CHLST/FB1C1/FR3/AS/HV22/LC23 fulfils the requirements of EN 13034:2005 type PB[6]

to use the following pictogram:



- class 6 for the abrasion resistance
- class 2 for the tearing resistance
- class 5 for the tensile strength
- class 2 for the puncture resistance
- class 3 for the repulsion of H₂SO₄ 30%, NaOH 10%, isopropanol
- class 2 for the repulsion of heptane
- class 3 for the penetration of H₂SO₄ 30%, NaOH 10%, heptane and isopropanol
- class 5 for the seam strength

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