

EC TYPE EXAMINATION (module B) CERTIFICATE

Nr. MED_2022_0015_B

Expiry date: 08/12/2027

Name and address applicant:

SIOEN nv Fabriekstraat 23 8850 Ardooie België

Item:

MED/3.3 a) Fire-fighter's outfit: protective clothing (close proximity clothing) - Protective non-reflective clothing for firefighting

Product Designation:

Intervention garment 531/AS

Outer fabric: Sioen reference APVY - Composition = 75% m-aramide 23% p-aramide 2% AST Interior breathable antistatic lining: Sioen reference AIFQ - Composition = aramid + cotton

Specific Standard:

EN 469 : 2020 Protective clothing for firefighters - Performance requirements for protective clothing for firefighting

Requirements for type approval

Regulation. II-2/10 of SOLAS 74 Reg. X/3 of the SOLAS Convention 74 IMO Res. MSC.98(73) - (FSS Code) 3

Carrying requirements and operational standards

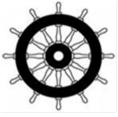
Regulation. II-2/10 of the SOLAS Convention 74 IMO Res. MSC.36(63) - (HSC Code 1994) 7 IMO Res. MSC.97(73) - (HSC Code 2000) 7 IMO Res. MSC.98(73) - (FSS Code) 3

This product has been assigned a **U.S. Coast Guard Module B number /EC0493 XXX** to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004





The above described article must be provided with the wheel mark in accordance with the rules laid out article 10 and annex I of the Directive 2014/90/EU.



0493/YY

0493: Notified body number undertaking surveillance module

yy: last two digits of year mark affixed

The mark shall be affixed to the equipment (together with the name and address of the manufacturer and type designation) or to its data plate so as to be visible, legible and indelible throughout the anticipated useful life of the equipment.

Name and address manufacturer:

SIOEN nv Fabriekstraat 23 8850 Ardooie Belgium

Type Examination documentation:

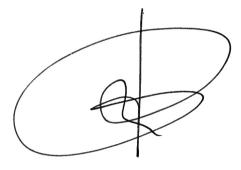
This declaration applies to the equipment submitted in the type testing and described in the manufacturer's technical file (Module B) that is registered with the number MED_2022_0015_B.





This certificate has been drawn up in accordance with the general certification regulation of Centexbel which is available via http://www.Centexbel.be

Issued by Centexbel, notified body 0493(*), in Ghent, on 08/12/2022



Jan Laperre Certification Manager

Centexbel

Notified Body N°: 0493

Annex: 2 pages

Note 1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Note 2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3. The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Note 4. In case limitations of use apply, these should be indicated of in the Annex.





Annex to the certificate: Nr. MED_2022_0015_B

Approval documentation

Article	Report Nr. Centexbel	Composition
Intervention garment	032/2022/1024	Outer fabric: Sioen reference APVY - Composition = 75% m-aramide 23% p-aramide 2% AST
531/AS	Technical File13368	Interior breathable antistatic lining: Sioen reference AIFQ - Composition = aramid + cotton

Places of production:

PRODUCTION SITE 1 : CTS 5 Impasse No 2 Rue de l'Energie Solaire La Charguia 2035 TUNIS - Tunisia

PRODUCTION SITE 2 : Sioen Tunisie 22 Impasse No 2 Rue de l'Energie Solaire La Charguia 2035 Tunis - Tunisia

PRODUCTION SITE 3 : Sioen Zaghouan Zone Industrielle

1100 Zaghouan - Tunisia

PRODUCTION SITE 4: PT SIOEN INDONESIA
Kawasan Berikat Nusantara
(KBN) Marunda
Jl. Pontianak
RI - 14120 Block C.02-03 Cilincing - Jakarta Indonesia

PRODUCTION SITE 5 : PT. Sioen Semarang Asia Kawasan Wijayakusuma, Jl. Industri Raya No.2A, Kelurahan Randu Garut, Kecamatan Tugu Kota Semarang 50153 - Indonesia





PRODUCTION SITE 6 : Sc. SIOROM Srl Calea Chisinaului, nr 43 Cladire technoton, etage 1 700179 - JUD IASI - ROMANIA

PRODUCTION SITE 7 : Sioen Myanmar Ltd Plot No.75 and Plot No.102, Mah Kha yar Min Thar Gyi Mg Pyoe Street, Hlaing Tharyar Industrial Zone-2, Hlaing Tharyar Township 11401 Yangon - MYANMAR

PRODUCTION SITE 8 - DPC - (SIOEN IRELAND) DHUN NA NGALL TEO BUNBEG, INDUSTRIAL ESTATE - IRELAND

PRODUCTION SITE 9 : SIOEN N.V. FABRIEKSTRAAT 23 B-8850 ARDOOIE - BELGIUM

PRODUCTION SITE 10 : VIDAL – SIOEN FRANCE Zone Industrielle 4, passage Jean-Rostand BP 167, 81304 Graulhet Cedex - France

Restrictions:

None applicable





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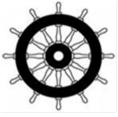
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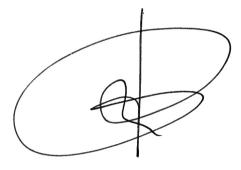
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Jan Laperre Certification Manager

Centexbel

Notified Body N°: 0493

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PRODUCTION SITE 10 : VIDAL – SIOEN FRANCE Zone Industrielle 4, passage Jean-Rostand BP 167, 81304 Graulhet Cedex - France

Restrictions:

None applicable





EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.: **MEDB0000655** Revision no.: **2**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the Fire-fighter's outfit: - helmet

with type designation(s)

PAB Fire Compact - ProBuddy

issued to

PAB Akrapovic d.o.o.

Buzet, Croatia

is found to comply with the Implementing Regulation (EU) 2024/1975 for Item no. MED/3.6 (Row 1 of 1)

according to the following requirements:

SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. II-2/15, IMO Res. MSC.4(48)-(IBC Code) 11, IMO Res. MSC.5(48)-(IGC Code) 11, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7, IMO Res. MSC.98(73)-(FSS Code) 3, SOLAS 74 Reg. X/3IMO Res. MSC.98(73)-(FSS Code) 3

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2024-12-24**Expiry date: **2029-12-23**

DNV local unit: **Rijeka**

Approval Engineer: Karolina Kusmider



Notified Body No.: **0575** for **DNV AS**

Digitally Signed By: Permoda, Jowita on behalf of

Christine Mydlak-Röder Head of Notified Body



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved type. The manufacturer shall inform DNV AS of any changes to the approved the conformation of the conformation of the provided by the conformation of the provided that the conformation of the provided that the provided the conformation of the provided that t

equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Form code: MED 2101.NOR Revision: 2024-11 www.dnv.com Page 1 of 2



Certificate no.: MEDB0000655

Revision no.: 2

Product description

"PAB Fire Compact – ProBuddy", adjustable fire helmet for fire-fighters, composed of:

- outer shell made of thermoplastic
- internal goggle
- external visor FC
- neck protector made of ALU textile
- lamp holder as optional

The helmet protects head, face and neck (area 1a, 1b, 2, 3a and 3b).

Application/Limitation

Approved for use as helmet for fire-fighters.

Each product is to be supplied with information, instructions and statements from the manufacturer in accordance with EN 443:2008 Section 7.

Type Examination documentation

Document No.	Rev.	Document type	Title	Date
0160\ME\DPI\19		REPORT	Fire test report from CSI, Bollate Milano, Italy.	2014-11-04
0092\ME\DPI\14		REPORT	Fire test report from CSI, Bollate Milano, Italy.	2019-10-27

Tests carried out

Tested according to EN 443:2008.

Marking of product

The product is to be marked according to EN 443:2008 Section 6 and the MED Mark of Conformity (see first page).

Form code: MED 2101.NOR Revision: 2024-11 www.dnv.com Page 2 of 2



EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED050922XP

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2021/1158.

MED Item N° MED/3.5

Description Fire-fighter's outfit: gloves

Type PalmBuddy

Applicant P G PRODUCTS LTD

1 FOLGATE ROAD LYNGATE INDUSTRIAL ESTATE NORFOLK

NR28 0AJ North Walsham

UNITED KINGDOM

Testing standards EN 659:2003 incl. A1:2008 and AC:2009

Reference standards SOLAS 74 Reg.II-2/10, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO

Res.MSC.97(73)-(2000 HSC Code) 7, IMO Res.MSC.98(73)-(FSS Code) 3.

Issued in Gdańsk on June 20, 2022

This Certificate is valid until
June 19, 2027

This Certificate consists of this sheet plus an attachment

Jaroslaw Kondracki

RINA Services S.p.A.





ATTACHMENT TO CERTIFICATE No. MED050922XP Page 1 of 2

Manufacturer
P G PRODUCTS LTD

Place of Manufacturer

1 FOLGATE ROAD LYNGATE INDUSTRIAL ESTATE NORFOLK
NR28 0AJ North Walsham
UNITED KINGDOM

Name & place of Authorised Representative Elliot Simpson

UNITED KINGDOM

Product Description

The construction of the gloves has three layers:

Leather outer Cow split suede

Moisture barrier insert
Lining fabric
Cuff
Hipora
Knitted Kevlar
Knitted Kevlar

Application

Approved as fire-fighter's gloves complying with the provisions of the Fire Safety Systems Code in combination with MED approved fire-fighter's outfit, boots, and helmet together to provide the required protection. Number of protective equipment and use on board ships to comply with SOLAS Convention including amendments to the satisfaction of the Administration.

Use and restrictions according to manufacturer's instructions.

Each gloves are to be supplied with its instructions for use, storing, care and maintenance. These instructions are to be kept on board.

Reference Documents

- Technical file dated 16/01/2012 issued by P G Products Ltd filled by RINA with No. PLFP/2299
- Risk assessment dated 01/05/2022 issue by P G Products Ltd filled by RINA with No. PLFP/2298
- EC Declaration of Conformity dated 23/01/2022 issue by P G Products Ltd filled by RINA with No. PLFP/2296

Test Report

Test reports No. 30/05786/1 issued on 22/12/2011 by BTTG, filed by RINA with No. PLFP/2294 Test reports No. 30/05786/2 issued on 22/12/2011 by BTTG, filed by RINA with No. PLFP/2295





ATTACHMENT TO CERTIFICATE No. MED050922XP

Page 2 of 3

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YYYY The year in which the mark is affixed

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules

f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Jaroslaw Kondracki

RI A



EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED124124XG

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2023/1667.

MED Item N^o MED/3.4

DescriptionFire-fighter's outfit: bootsTypeWorkmaster Isotec boots

Applicant Respirex International Ltd

Unit F Kingsfield Business Center Philanthropic road Redhill

RH1 4DP Surrey
UNITED KINGDOM

Testing standards EN 15090:2012

Reference standards Reg. II-2/10 of SOLAS '74 as amended, IMO Res.MSC.36(63)-(1994 HSC

Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7, IMO Res.

MSC.98(73)-(FSS Code) 3

Issued in Hamburg on This Certificate is valid until April 17, 2024 April 16, 2029

This Certificate consists of this sheet plus an attachment

 RINA Services S.p.A.	



ATTACHMENT TO CERTIFICATE No. MED124124XG Page 1 of 2

Manufacturer
Respirex International Ltd

Place of Manufacturer
Kemblok House
Fleming Way
Crawley RH109JY UNITED KINGDOM

Product description

Respirex Isotec boots knee-height consisting of:
Steel toe cap (522), Workmaster mould,
Stainless Steel stepped midsole,
Yellow Hazmax material,
Black Isotec Upper,
Rubex Vulcanised Rubber sole.

Product size: UK size 3 to 15 (EU size 35-50).

Application / Limitation of use

The Workmaster Isotec boots intended for Firefighters comply with the requirements of the standard EN 15090:2012.

Reference documents

Isotec boots data sheet;
Respirex test list and material list.

Test report

Test reports filed by RINA with n° HMFP/4433.

Remarks

-

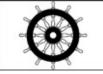




ATTACHMENT TO CERTIFICATE No. MED124124XG Page 2 of 2

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Notified Body



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Sureppe Runo

RINA Services S.p.A.