



**EC TYPE EXAMINATION (MODULE B)**  
**CERTIFICATE No. MED105323XP**

***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) 2022/1157.*

*MED Item N°*

**MED/3.3a**

*Description*

**Fire-fighter's outfit: protective clothing (close proximity clothing): (a) Protective non reflective clothing for fire fighting FireBuddy Plus 2020**

*Type*

*Applicant*

**P G PRODUCTS LTD**

**1 FOLGATE ROAD LYGATE INDUSTRIAL ESTATE NORFOLK  
NR28 0AJ North Walsham  
UNITED KINGDOM  
EN 469:2020**

*Testing standards*

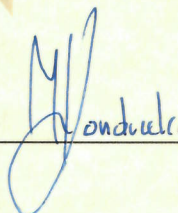
*Reference standards*

**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 Gdańsk on*  
**August 3, 2023**

*This Certificate is valid until*  
**August 4, 2028**

*This Certificate consists of this sheet plus an attachment*

  
J. Ondulak







**ATTACHMENT TO  
CERTIFICATE No. MED105323XP**

**Page 1 of 2**

**Manufacturer**

Šatrija  
Šatrija str. 3  
60180 Raseiniai  
Republic of Lithuania

**Product Description**

Two piece garment consisting of jacket and trousers with optional retro-reflective tapes.  
The outer surface is water repellent.

- One 4-layer assembly comprising:
  - Aramid outer shell.
  - PU breathable waterproof membrane.
  - Meta-Aramid felt.
  - Meta-Aramid/Viscose quilted lining.
- Colour: Red, other colours optional
- Sizes: small, medium, large, extra large double extra large

**Application**

Approved as personal protective equipment for fire-fighter's outfit complying with the provisions of the Fire Safety Systems Code. The two-piece garment composed by a jacket and trousers, both must be worn together and must be used in combination with MED approved boots, gloves and helmet together to provide the required protection.

Number of protective suits 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 protective clothing is to be supplied with its instructions for use, storing, care and maintenance instructions. These instructions are to be kept on board.

**Reference Documents**

- Technical file issue by P G Products Ltd filled by RINA with No. PLFP/2603,
- Risk assessment dated 14/07/2023 issue by P G Products Ltd filled by RINA with No. PLFP/2602,
- EC Declaration of Conformity issue by P G Products Ltd filled by RINA with No. PLFP/2601

**Test Report**

Test reports No. E-029850 issued on 05/05/2023 by BTTG filed by RINA with No. PLFP/2603.

Test reports No.LEI23062032A issued on 30/04/2023 by Intertek filed by RINA with No.PLFP/2604 .

The suit FireBuddy Plus 2020 meets requirements: Xf2, XR2, Y2 and Z2.

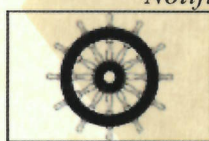






**ATTACHMENT TO  
CERTIFICATE No. MED105323XP  
Page 2 of 3**

*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 not 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.

*M. Sander*







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*MED Item N°*

**MED/3.3a**

*Description*

**Fire-fighter's outfit: protective clothing (close proximity clothing): (a) Protective non reflective clothing for fire fighting FireBuddy Plus 2020**

*Type*

*Applicant*

**P G PRODUCTS LTD**

**1 FOLGATE ROAD LYGATE INDUSTRIAL ESTATE NORFOLK  
NR28 0AJ North Walsham  
UNITED KINGDOM  
EN 469:2020**

*Testing standards*

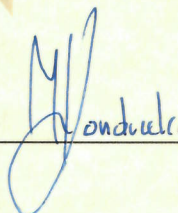
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*Issued in Gdańsk on*  
**August 3, 2023**

*This Certificate is valid until*  
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J. Ondulak







**ATTACHMENT TO  
CERTIFICATE No. MED105323XP**

**Page 1 of 2**

**Manufacturer**

Šatrija  
Šatrija str. 3  
60180 Raseiniai  
Republic of Lithuania

**Product Description**

Two piece garment consisting of jacket and trousers with optional retro-reflective tapes.  
The outer surface is water repellent.

- One 4-layer assembly comprising:
  - Aramid outer shell.
  - PU breathable waterproof membrane.
  - Meta-Aramid felt.
  - Meta-Aramid/Viscose quilted lining.
- Colour: Red, other colours optional
- Sizes: small, medium, large, extra large double extra large

**Application**

Approved as personal protective equipment for fire-fighter's outfit complying with the provisions of the Fire Safety Systems Code. The two-piece garment composed by a jacket and trousers, both must be worn together and must be used in combination with MED approved boots, gloves and helmet together to provide the required protection.

Number of protective suits 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 protective clothing is to be supplied with its instructions for use, storing, care and maintenance instructions. These instructions are to be kept on board.

**Reference Documents**

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The suit FireBuddy Plus 2020 meets requirements: Xf2, XR2, Y2 and Z2.

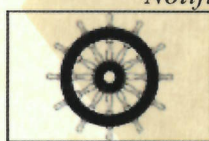






**ATTACHMENT TO  
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Page 2 of 3**

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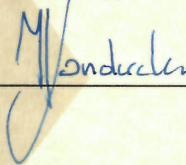
**XXXX/YYYY**

**"WHEELMARK FORMAT"**

XXXX      *Notified Body number undertaking surveillance module*  
YYYY      *The year in which the mark is affixed*

***General conditions for the approval***

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- 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 not 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.

  
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# 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**

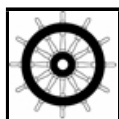
Further details of the equipment and conditions for certification are given overleaf.

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 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.

### 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).





**EC TYPE EXAMINATION (MODULE B)**  
**CERTIFICATE No. MED050922XP**

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*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 | Hipora          |
| Lining fabric           | Knitted Kevlar  |
| Cuff                    | 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



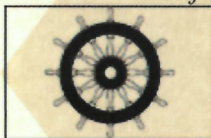




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**Page 2 of 3**

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**XXXX/YYYY**

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**Jaroslaw Kondracki**







**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°*

**MED/3.4**

*Description*

**Fire-fighter's outfit: boots**

*Type*

**Workmaster 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*  
April 17, 2024

*This Certificate is valid until*  
April 16, 2029

*This Certificate consists of this sheet plus an attachment*

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**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**

-

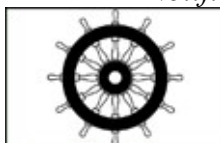




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**RINA Services S.p.A.**