



## EC TYPE EXAMINATION (MODULE B) CERTIFICATE

No. 01-015819/0112264

**THIS IS TO CERTIFY:**

That Croatian Register of Shipping did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

**TYPE AND DESCRIPTION OF PRODUCT**

**Protective clothing for fire fighting**  
**FIRE-FIGHTER'S OUTFIT Type FYRPRO NXT and FYRPRO NXT-C**

**NUMBER AND ITEM DESIGNATION** (in accordance with Annex of Regulation (EU) 2022/1157)

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

**MANUFACTURER:**

**İ.S.T. İşçi Sağlığı Teçhizatı San. Ve Tic. Ltd. Şti.**  
 İvedik OSB Mah. 2269. Cad. No:42  
 Pk.06374 Yenimahalle/ANKARA  
 Turkey

Place of production (if different from above):

**REGULATIONS AND STANDARDS** (in accordance with Annex of Regulation (EU) 2022/1157)

SOLAS 74 as amended Reg. II-2/10 & X/3, IMO Res.MSC.98(73)-(FSS Code) 3,  
 IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7,  
 EN 469:2020

**NOTICE:**

- Further details of the product and conditions for certification are given overleaf.
- 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.
- 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.
- 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.
- In case limitations of use apply, these should be indicated of in the Schedule of Approval.



Issued by Croatian Register of Shipping, notified body number 2489.

This certificate is valid until: 2027-03-20

Place and date: Split, 2023-03-21

Seal

Signature  
 Marinko Popović, dipl.ing.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION

**FYRPRO NXT** (Art. No. 13152368) is fire fighter's suit consisting of jacket and trousers.

**FYRPRO NXT-C** (Art. No. 13152869) is fire fighter's suit consisting of one-piece coverall.

The fire fighter's suit material (fabric assembly) consists of the 4 layers:

Outer layer: textile fabric in various colours Nomex® NXT (75% Nomex®/23% Kevlar®/2% P140 – 195 g/m<sup>2</sup>) - Supplier Ibenatextilwerke GmbH

Moisture barrier: 80% meta-aramid, 20% para-aramid + PTFE membrane (170 g/m<sup>2</sup>) - Supplier China Top Safe

Heat barrier: 100% meta-aramid nonwoven (55 g/m<sup>2</sup>) quilted to the inner layer - Supplier Polystar

Inner layer: 50% aramid, 50% viscose FR (115 g/m<sup>2</sup>) - Supplier KARSU Textile

Jacket and coverall are made with Korean neck.

Retroreflective stripes 5 cm wide are placed on the outfits (on the chest, back, on each sleeve and on each leg).

All openings of coverall, jacket and trousers (pockets) are equipped with zipper covered by a flap stitched by Velcro.

Closure system: metal zip fastener by Kroko and plastic zip fastener by Kroko or by CTS

and Velcro flame retardant: Nylon FR by YKK

Cuffs: Meta-aramid knitted fabric, 98% aramid, 2% of antistatic fibre - Supplier KARSU Textile

Retroreflective material: YSL 306FR/YSL or YSL 202HFR/CUT

Seam material: Aramid by Durak or by Coats

Reinforcement material: Silicone/knitted aramid by Theodolf Fritsche GmbH

Performance levels: X2, Y2 and Z2.

### 2. APPLICATION/LIMITATION OF USE

The protective clothing (jacket and trousers, both must be worn together or one-piece coverall) shall be used with boots, gloves and helmet which have been approved in accordance with the MED.

### 3. DESIGN DRAWINGS AND SPECIFICATIONS

EU-Type Examination Certificate OZO283-CPT001/23 dated 2021-03-20 issued by the MIRTAKONTROL d.o.o. Certification Agency (Notified Body No.2474).

Technical file of FYRPRO NXT JACKETS-PANTS and NXT-C COVERALL, rev.01 dated February 2023.

### 4. TYPE TEST RECORDS/LABORATORY RECOGNITION STATUS

Test reports no. OZO283-R009/22 dated 2023-01-19 (EN 13688:2013), test reports no. OZO283-R010/22 dated 2023-01-19 (EN 469:2020) and test reports no. OZO283-R011/22 dated 2023-01-19 (EN 1149-5:2018) all issued by the MIRTAKONTROL d.o.o. Certification Agency (Notified Body No.2474).

### 5. MATERIALS OR COMPONENTS REQUIRED TO BE TYPE APPROVED OR TYPE TESTED

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### 6. OTHER MATERIALS AND/OR COMPONENT

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### 7. PRODUCTION SURVEY REQUIREMENTS

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### 8. ONBOARD INSTALLATION AND MAINTENANCE REQUIREMENTS

Detail User and Maintenance instructions are to be provided with each product.

Handling, cleaning, storage, use and restrictions for use to be in accordance with the manufacturer's instructions.

### 9. MARKING AND IDENTIFICATION



*Subject to compliance with the conditions in this Schedule of Approval which forms part of certificate, and those of Articles 9, 10 and 15 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.*

xxxx - the number of the Notified Body undertaking surveillance module (2489 in case of CRS)  
yy - the last two digits of year mark affixed

Each part of the suit shall be also marked in accordance with EN 469:2020, Ch.8.

### 10. OTHER

If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to being supplied to vessels to which the amended standards apply.

- END OF CERTIFICATE -