



EC TYPE EXAMINATION (MODULE B) CERTIFICATE

No. 01-013517/019997

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

Reflective clothing for specialised fire-fighting
FIRE-FIGHTER'S OUTFIT Type FYRAL 9000

NUMBER AND ITEM DESIGNATION (in accordance with Annex of Regulation (EU) 2018/773)

MED/3.3 Fire-fighter's outfit: protective clothing (close proximity clothing)

MANUFACTURER:

I.S.T. Isci Sagligi Tehizati Sanayi ve Ticaret Ltd. Sti.
 Ostim Mahallesi Melih Gökçek Bulv, 2269.
 Sokak No.42/1-2, Ivedik Organize Sanayi Bolgesi Pk.06374, Yenimahalle
 Ankara , Turkey

REGULATIONS AND STANDARDS (in accordance with Annex of Regulation (EU) 2018/773)

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 1486:2007

NOTICE:

1. Further details of the product and conditions for certification are given overleaf.
2. 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.
3. 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.
4. 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.
5. 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: 2023-06-28

Place and date: Split, 2019-06-28



Signature

Marinko Popović, dipl.ing.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION

Fire-fighter's outfit type FYRAL 9000, Product Code no. 13303900 is comprised of:

- 1) JACKET made with assembly of materials, collar, front opening closed by double flap and hook and loop tape, long sleeves and cuff adjustable by frog fastening by hook and loop tape,
- 2) TROUSER with bib and adjustable shoulders straps with plastic closure, central openings covered by flap closed by hook and loop tape,
- 3) 5-FINGER GLOVES with hose adjustable by hook and loop tape,
- 4) Protective OVER BOOTS and
- 5) HOOD inside helmet fastened with snaps, adjustable straps under the armpits with plastic closure (glass screen/Visor: article no. ZFKGL203)

Material of all items:

Outer layer/side: Woven glass fabric with aluminized coating, item GLASS FABRIC (mass per unit area 500 g/m²)

Heat barrier (intermediate layer): 4 layers 100% aramid non woven fabric, item KERMEL SPUNLACE (mass per unit area of single layer 150 g/m²)

Inner layer/side: Woven fabric, item ALEX 200 declared composition : 65% Lenzing FR, 22% Aramid, 12% Poliamide and 1% Beltron (mass per unit area 200 g/m²)

2. APPLICATION/LIMITATION OF USE

The protective clothing shall be worn together with boots and helmet which have been approved in accordance with the MED.

3. DESIGN DRAWINGS AND SPECIFICATIONS

EU Type-examination certificate No. CE 0996190106-00-00

Technical documentation for FYRAL 9000, code 13303900, rev. no. 00 dated 2019-01-30.

4. TYPE TEST RECORDS/LABORATORY RECOGNITION STATUS

Test reports no. 18RA02727 dated 2018-03-05, no.18RA13534 and 18RA13537 dated 2018-10-11, no. 18RA13542 dated 2018-10-18, no. 18RA13536 dated 2018-10-23, no. 18RA14512 dated 2018-11-07, no. 18RA15875 dated 2018-12-07 and no. 19RA00351 dated 2019-01-17 issued by CENTROCOT (*Accreditation certificate, ACCREDIA No. 0033*).

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



xxxx/yy

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 1486 (item 9).

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 -