



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB029724MI**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Welded stainless steel pipes and tubes
<i>Type</i>	Austenitic
	O.D. from 6 to 120 mm
	W.Thk from 0.75 to 4 mm
<i>Manufacturer</i>	ILTA INOX S.P.A.
<i>Place of manufacture</i>	STRADA STATALE 45 BIS
	26010 Robecco D'Oglio (CR)
	ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Milan Marine** on **March 25, 2024**. *This Certificate is valid until* **March 23, 2029**

RINA Services S.p.A.
Michele Fusco

This certificate consists of this page and 1 enclosure

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB029724MI

Enclosure - Page 1 of 1

O.D. from 16 to 120 mm

W.Thk from 0.75 to 4 mm

APPROVAL CONDITIONS

Steel Types:

(Stainless Steel) ASTM A312 Tp 316L - ASTM A249 Tp 316L - EN10217 Part 7 1.4404.

Product Making Process:

Laser Equipment according to Manufr Proc.N. GQ 751.02 in force.

Heat Treatment Condition:

Bright Annealing Solution (1050 - 1100 ° C).

NDE on Welded Seam:

Eddy Current in lieu of Hydraulic Test according to Manufr Proc.N. GQ 824.03 in force.

Survey Conditions:

the subject material to be in compliance, in all respects, with the requirements specified in RINA Rules Part D Ch.2 Sect.2 and shall be tested accordingly.

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

**RINA Milan Marine March 25,
2024**

