

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Ilta Inox S.p.A.
Address	Strada Statale 45 bis, Robecco D'Oglio Cr, 26010, Italy
Place of Production	Ilta Inox S.p.A. Production Unit CHIBRO, Via Valtellin 15, Montano Lucino, 22070, Italy
Type	Pipes And Crimped Fittings
Description	Piping system of stainless steel pipes and fittings, with an integral rubber O-ring seal which is pressed onto the pipes using a portable pressing tool.
Trade Name	Chibro Pressfitting
Application	Marine and offshore piping systems for the following services: <ul style="list-style-type: none">- Potable and domestic hot and cold water;- Freshwater cooling for main and auxiliary machinery;- Freshwater for wet type sprinkler systems (and dry systems with diameter <= 54mm);- Hot and chilled water for air conditioning plants;- Condensate;- Compressed air for deck services and control systems;- Class III oil fuel piping

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Specified Standard LR Rules & Regulations for the Classification of Ships, Part 5, Chapter 12.
IACS Unified Requirements, P2

Ratings

Pipe diameter	15-108 mm outside dia.
Maximum working pressure	16 bar
Temperature range	-20 to 120°C
Short term peak temperature	150°C

Other Conditions The pipes and fittings are to be installed and supported in strict accordance with the manufacturer's instructions.
The piping systems is not to be utilised where high amplitude and rapid pulsation of pressure are anticipated.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 01/00107(E4)

The Design Appraisal Document LR2288376DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.