Certificate No: LR25375657TA
Issue Date: 08/03/2025
Expiry Date: 07/03/2030

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	**Chibro Srl**
Address	via Valtellina, 15, Montano Lucino, Como, 22070, Italy
Type	Pipes and Fittings
Description	Gravity and vacuum piping systems, with socket and spigot joints.
Trade Name	TURBO DRAIN
Application	Gravity or vacuum drainage on ships and offshore installations Classed with Lloyd's Register.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2025 DIN EN 1124-1:2004-12, DIN EN 1124-2:2014-08, DIN EN 1124-3:2009-02, DIN EN 1124-4:2014-02

Ratings

Pipe diameter	(under vacuum):	42 to 73 mm
	(under gravity):	up to 219 mm
Maximum working pressure		5 bar
Maximum temperature		95°C
Material	Pipe & Fittings:	Stainless steel AISI 304/316L
	Seals:	EPDM (o.d. 42-219 mm) BUNA Rubber (o.d. 88.9-219 mm)

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Mattia Macri

Engineering Piping– Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

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Other Conditions

1. TURBO DRAIN are to be selected and installed in accordance with the manufacturer's instructions and recommendations.
2. Use is restricted to within watertight compartments, in machinery spaces and above freeboard deck, without connection to outboard drains.

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: LR2013986TA-02

The Design Appraisal Document LR25375657DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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