Certificate No: LR25344259TA
Issue Date: 12/04/2024
Expiry Date: 11/04/2029

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 **Calistri Giacinto & C. snc**

Address via del Redolone 57, Serravalle Pistoiese, 51034, Italy

Place of Production Calistri Giacinto S.a.s. di Calistri Claudio e Sauro & C.

Via del Redolone 57/A, 51034 Casalguidi – Serravalle P.se (PT), 51034, Italy

Type Watertight Doors And Hatches

Trade Name Hinged Manual Watertight Doors and Hatches

Application

Item	Clear Opening	Material	Design Head (Metres)	Number of cleats	Number of hinges
Door	1970 x 560	Inox AISI316L	3	6	3
Door	1970 x 560	Steel AH36	3	6	3
Door	1120 x 600	Steel AH36	5	6	3
Hatch	900 x 900	Steel AH36	5	4	2
Hatch	600 x 600	Aluminium	3	4	2

Specified Standard Rules and Regulations for the Classification of Special Service Craft, Part 3, Chapter 4, Section 2.2, 2.3, 5, July 2023
Rules and Regulations for the Classification of Special Service Craft, Part 4, Chapter 2, July 2023

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Satya Gupta

Specialist - Ship Structure - In-Service & MEC to Lloyd's Register Marine and Offshore India LLP

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Ratings

- Examines for locations where design pressures do not exceed values indicated on the table below.
- Material properties to be as a minimum those indicated on the table below.
- Installation on Yacht of length less than 90 metres.
- Installation on yacht classified in accordance with Large Commercial Yacht Code 3 and Red Ensigned Group Yacht Code A.
- Acceptance by the Flag Administration which the Yacht is registered on.
- Acceptance by the LR plan approval office examining the Yacht structure.

Item	Clear Opening	Material	Design Head (Metres)	Material properties (N/mm^2)	
				σ yield	UTS
Door	1970 x 560	Inox AISI316L	3	282	590
Door	1970 x 560	Steel AH36	3	375	491
Door	1120 x 600	Steel AH36	5	375	491
Hatch	900 x 900	Steel AH36	5	463	527
Hatch	600 x 600	Aluminium	3	150	296

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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR25344259TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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