Certificate No: LR25439557TA
Issue Date: 31/12/2025
Expiry Date: 30/12/2030

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	**Yangzhong Zhongyang Electric Plastic Factory**
Address	No.3399, Yangzhong Avenue, Youfang Village, Youfang Town, Yangzhong City, Zhenjiang City, Jiangsu, 212200, China
Place of Production	Yangzhong Zhongyang Electric Plastic Factory No.3399, Yangzhong Avenue, Youfang Village, Youfang Town, Yangzhong City, Zhenjiang City, Jiangsu, 212200, China
Type	Mechanical Pipe Joints
Description	Straight Through Pipe Joints (STPJ), Tee Pipe Joints (TPJ), Through-hull Fitting (THF)
Trade Name	Compression Fittings (L Type - Stainless Steel 316L)
Application	Marine (Water, Oil and Compressed air)
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships (July 2025) Lloyd's Register Type Approval System Test Specification 2 (October 2024) GB/T3737:2008, GB/T3745:2008, GB/T3757:2008
Ratings	1. Straight Through Pipe Joints:
	Type: STPJ (L series) Min./Max. Working Temperature: -40 °C /+120 °C

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Mandar Ojale
Engineering Piping - Specialist to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

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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Seal Type:	Ferrule Seal
Material:	316L
Nominal Diameter and Design Pressure:	
– 25MPa	i. Ø6, Ø8, Ø10, Ø12, Ø14, Ø15, Ø16 ii. Ø18, Ø22 – 16MPa iii. Ø28, Ø35, Ø42 – 10MPa

2. Tee Pipe Joints:

Type:	TPJ (L series)
Min./Max. Working Temperature:	-40 °C /+120 °C
Seal Type: Ferrule Seal	
Material:	316L
Nominal Diameters and Design Pressure:	
– 25MPa	i. Ø6, Ø8, Ø10, Ø12, Ø14, Ø15, Ø16 ii. Ø18 – 16MPa

3. Through-hull Fitting:

Type:	THF (L series)
Min./Max. Working Temperature:	-40 °C /+120 °C
Seal Type:	Ferrule Seal
Material:	316L
Nominal Diameters and Design Pressure:	
– 25MPa	i. Ø6, Ø8, Ø10, Ø12, Ø14, Ø15, Ø16 ii. Ø18, Ø22 – 16MPa

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Other Conditions

1. Mechanical joints are to be used within their specified pressure and temperature rating for all normal operating conditions and are to be suitable for the intended purpose.

2. The product type selection and installation are to be in accordance with the manufacturer's instructions.

3. Where the tube fittings are intended to be installed on ship classed with LR, the application of the joints is to be in accordance with Part 5, Chapter 12, Table 12.2.8 Application of mechanical joints of LR Ship Rules.

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 LR25439557TA_DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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