Certificate No: LR26241227TA
Issue Date: 28/03/2026
Expiry Date: 27/03/2031

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	**BMT Co., Ltd.**
Address	17, Sinsojaesandan 2-ro, Jang-an-eup, Busan, 46031, South Korea
Type	Compression Fittings
Description	Double ferrule type and bite type compression tube fittings for stainless steel pipes
Trade Name	SUPERLOK and Bite Type (DIN 2353)
Application	High pressure tube connections for use in marine, offshore and industrial piping systems with hydraulic system fluids, fuel oil, lubricating oil, fresh water, salt water and gas.
Specified Standard	Lloyd's Register (LR) Rules and Regulations for the Classification of Ships, July 2025, IACS UR P2.1 (Rev.3 October 2023), LR test Specification Number 2, October 2024
Ratings	Maximum Pressure : 2180 psi (15 MPa) ~ 10800 psi (74.46 MPa) Max. tube outside diameter : 51 mm
Additional Tests	1. Repeated assembly test

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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

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2. Burst pressure test
3. Vibration test
4. Pressure pulsation test
5. Tightness test (Leak test)
6. Pull Out Test

Other Conditions

Where the tube fittings are intended to be installed on a ship classed with LR, the following conditions of acceptance will be applicable:-

1. The tube fittings are to be installed and tested in accordance with Part 5, Chapter 13, Section 2, of the Rules and Regulations for the Classification of Ships in so far as applicable.
2. The tube fittings are to be made, installed and tested to appropriate pipe class requirements in accordance with Part 5, Chapter 12 of the Rules and Regulations for the Classification of Shipsin so far as applicable.
3. If technical joints include any components which readily deteriorate in case of fire, fire endurance test is required in accordance with Part 5, Chapter 12, Section 2.12 Table 12.2.8
4. Maximum Pressures of each tube fittings with each materials are to be indicated for each parts numbers in each parts tables of each catalogues respectively.
5. The materials used for compression fittings shall be compatible with the piping material, as well as with the internal and external media.
6. Where the use of compression fittings leads to a reduction in pipe wall thickness—such as from bite-type rings or other structural components—this reduction shall be considered when determining the minimum pipe wall thickness required to withstand the design pressure

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.

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The Design Appraisal Document LR26241227TA_DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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