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Certificate No: LR21287882TA Issue Date: 28/06/2021 Expiry Date: 27/06/2026

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 DK-LOK CORPORATION

Address 7, Golden root-ro 129beon-gil,, Juchon-myeon, Gimhae-si, Gyeongnam, 50969,

Republic of Korea

Type Compression Fittings

Description Stainless steel double ferrule compression type tube fittings, inch and metric

sizes

Trade Name DK-LOK Tube Fitting

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, sanitary, gas, steam and condensate.

Specified Standard Lloyd's Register's Rules and Regulations for the Classification of Ships, Part 5,

Chapter 12 - July 2020

JISB 2351 - 1990: 25 MPa bite type tube fittings for hydraulic use

Ratings Imperial Tubing:-

<u>Tube O.D. (inch)</u> <u>Nominal pressure ratings (psi)</u>

1/8 8,500 to 10,900

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71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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3/16	5,400 to 10,200
1/4	4,000 to 10,200
5/16	4,000 to 8,000
3/8	3,300 to 6,500
1/2	2,400 to 6,200
5/8	2,900 to 6,000
3/4	2,400 to 5,800
7/8	2,000 to 4,700
1	2,400 to 4,700
1-1/4	2,400 to 4,900
1-1/2	2,400 to 4,900
2	2,000 to 3,600

gs (psi)

Pressure-temperature ratings: see the producer's catalogue

Other Conditions

1) The fittings are to be installed in accordance with the manufacturer's instructions.

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2) Attention is drawn to Section 1.3.6 of IMO MSC/Circ.1321 – Guidelines for Measures to prevent Fires in Engine–Rooms and Cargo Pump-Rooms which describes that compression couplings require careful attention to tightening procedures and torques to avoid leaks or damage to the pipe when subjected to over-tightening and they should not be used in the fuel supply line of the (oil engine) injection pumps and spill system.

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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21287882TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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