Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	**47 925 - 03 HH**
Company	**DK Tech. Corporation** **7, Golden root-ro 129 beon-gil Juchon-Myeon, Gimhae-City, Gyeongnam 621-842, REPUBLIC OF KOREA**
Product Description	**PIPE UNION**
Type	**DK-Lok TUBE FITTING**
Environmental Category	**None**
Technical Data / Range of Application	**Material: Brass** **Temperature range: - 55 [°C] to + 175 [°C]** **Elastomere seals: NBR FPM PTFE** **Temperature range [°C]: - 40 to +100 - 20 to +175 - 55 to +175** **Nominal pressure PN [bar]: According to page 2 of this certificate**

LIMITATIONS:
The Dk-Lok tube fittings made of brass may be used in piping system where pressure pulsation is not expected. Pipe unions with elastomer seals are not approved within machinery spaces for the use in fuel-, lubricating-, hydraulic oil, sea water and bilge piping systems. Threaded bulkhead pipe unions are not approved through watertight bulkheads.

Test Standard	**VI-7-8 Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology**
Documents	**Test reports of tests , Catalogue No. 01-3**
Remarks	**The selection of the pipe unions and the installation has to be in accordance with the instructions of the manufacturer.**

Valid until **2019-03-06**
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File No. **II.C.05**

Type Approval Symbol GL

Hamburg, 2014-03-13

Germanischer Lloyd

i.V. Olaf Drews

i.A. Christian Kaemmer

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".

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TECHNICAL DATA:

Tube O.D. [mm]	Nominal Pressure PN [bar]
6	293
8	195
10	195
12	159
14	210
16	181
18	159
22	126
25	109

The pressure reduction due to to temperature specified in the catalogue no. 01-3, is to be observed.

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