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.	**44 880 - 07 HH**
Company	**BMT Co., Ltd.** **21-1 Bukjeong-dong Yangsan** **Gyeongsangnamdo 626-110, KOREA, REPUBLIC OF**
Product Description	**PIPE UNIONS**
Type	**Superlok Tube Fittings**
Environmental Category	**None**
Technical Data / Range of Application	**TECHNICAL DATA** **Material:** **Stainless steel SS316** **Metallic sealing with cutting ring** **Temperature range [°C]:** **-55 up to +400** **Nominal Pressure PN [bar]:** **refer to page 2** **RANGE OF APPLICATION** **The above mentioned pipe unions of type superlok are type approved as compression coupling for the use in piping systems according the Rules I-1-2 Machinery Installations, Section 11, Table 11.13 / 11.14,compression coupling, bite type, fire resistant.** **LIMITATIONS** **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, Edition 2008.**
Documents	**- Test report BTR-S070430-01** **- Manufacturing Inspection and Test Plan BMT-ITP-601** **- Product catalogue BMT CTF-3 (05.01.06)** **- GL Apporval Ref.-No.: 12-050446**
Remarks	**The selection of the pipe unions for the corresponding service and the right installation are to be in accordance with the instructions of the manufacturer.**
Valid until	**2017-06-13**

Type Approval Symbol GL

File No. ILC.05

Hamburg, 2012-05-15

i. V. Hans. Raschle i. A. J. Dudszus

Germanischer Lloyd Hanspeter Raschle Sven Dudszus

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. [inches]	Nominal Pressure PN [bar]
1/8"	752,0
3/16"	703,0
1/4"	703,0
5/16"	552,0
3/8"	448,0
1/2"	462,0
5/8"	414,0
3/4"	400,0
7/8"	331,0
1"	324,0

Tube O.D. [mm]	Nominal Pressure PN [bar]
4	993,0
6	876,0
8	703,0
10	552,0
12	497,0
15	469,0
18	462,0
20	414,0
22	372,0
25	359,0

The pressure reduction factors for service temperatures above 50°C are to be observed.

Valid until **2017-06-13**

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Type Approval Symbol

File No. **II.C.05**

Hamburg, 2012-05-15

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