

Type Approval Certificate Extension

This is to certify that Certificate No. 06/10006(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	BMT Co., Ltd
PLACE OF PRODUCTION	35, Sanmakgondannam 11-gil, Yangsan-si, Gyeongsangnam-do, Republic of Korea
DESCRIPTION	Double ferrule type and bite type compression tube fittings for stainless, carbon steel, nickel copper alloy and copper pipes.
TYPE	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.
STANDARD	Lloyd's Register (LR) Rules and Regulations for the Classification of Ships, July 2015
RATING	Maximum Pressure : 2180 psi (15 MPa) ~ 10800 psi (74.46 MPa) Max. tube outside diameter : 51 mm
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.

Certificate No.	16/40011(E2)
Issue Date	28 March 2016
Expiry Date	27 March 2021
Sheet	1 of 2



D. Y. Kang
Busan Technical Support Office
Lloyd's Register Asia

Lloyd's Register Asia,
119, Daegyo-ro, Jung-gu, Busan, Republic of Korea

**OTHER
CONDITIONS
(Continued)**

- 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 Ships in so far as applicable.
- 3) Copper tube fittings are not acceptable for use in fuel oil line.
- 4) Aluminium tube fittings are not acceptable for use in all piping systems.
- 5) 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.

LIMITATION

- 1) Type Approval does not eliminate the need for normal inspection survey procedures required by the Rules and Regulation.
- 2) If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
- 3) (in case of applications other than Marine) The application of this Type Approval Certificate will be limited to the relevant scope of the Specified standards and acceptance thereof by the local authorities.

"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 No. 16/40011(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No.06/10006 to which this extension should be attached.

Certificate No.	16/40011(E2)
Issue Date	28 March 2016
Expiry Date	27 March 2021
Sheet	2 of 2



D. Y. Kang
Busan Technical Support Office
Lloyd's Register Asia

*Lloyd's Register Asia,
119, Daegyo-ro, Jung-gu, Busan, Republic of Korea*

Part 1A
Subject: Pipe Fittings
Product: Compression Fittings (Part 1A)

Producer/Licence No.		Description of Product			Cert. No.
Type	Details of Approval	Application	Remarks		
BMT Co. Ltd., 35, Sanmakgondannam 11-gil, Yangsan-si, Gyeongsangnam-do, Korea, Republic of.	<p>Double ferrule type and bite type compression tube fittings for stainless, carbon steel, nickel copper alloy and copper pipes.</p> <p>Maximum pressure : 2180 psi (15 MPa) ~ 10800 psi (74.46 MPa)</p> <p>Maximum tube outside diameter : 51 mm</p>	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.	Expires: 27 March 2021	16/40011(E2)	



Lloyd's Register

Digitally signed by
Da-Young Kang
Date: 2016.04.06
11:36:10 +09'00'



D. Y. Kang
Busan Technical Support Office

Lloyd's Register Asia

LR031.1.2013.12