



Certificate Number MATS/JPN-1007/262/1

## CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

This certificate is issued to the company named below. The welding consumable or combination described has been tested in accordance with the requirements of Lloyd's Register for use in ship construction. This approval is subject to annual tests being carried out in accordance with the requirements of Lloyd's Register. The continued validity of this approval will be confirmed by appropriately dated Annual Reapproval Certificates issued to the company.

Name of Company: ***KOBE STEEL LIMITED,  
IBARAKI PLANT, JAPAN***

Type of Welding Consumable: ***Section 8 - Flux-Cored Wire/Backing Material/Gas Shield***

Trade Name: ***DW-316LT/FB-B3/CO<sub>2</sub>***

Welding Position: ***Downhand and vertical upward only.***

Joint Type: ***Butt Welding Only.***

Grade: ***316L, suitable for welding stainless steel Grade(s) 316L for chemical and cryogenic use, using semi-automatic flux cored arc welding. (Approved also for automatic multirun welding in the downhand position only.)***

Date: ***22 September 2022***

Valid until: ***21 September 2023***

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Senior Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group