



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-2110
Certificate No. TA21733E



Article: Welding Consumables for High Tensile Steels for Hull
Brand: LB-52
Applicant: Thai Kobelco Welding Co., Ltd.
Muang, Samutprakarn, Thailand
Manufacturer: Thai Kobelco Welding Co., Ltd.
Muang, Samutprakarn, Thailand
Grade: KMW53H10
Welding Process: Manual Welding
Welding Positions and Max. Diameter of Electrode: See Table 1
Current: AC and DCEP
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Electrode

Butt Weld		Fillet Weld	
Flat:	5.0mm	Flat:	5.0mm
Horizontal:	5.0mm	Horizontal Vertical:	5.0mm
Overhead:	5.0mm	Horizontal:	5.0mm
Vertical Upward:	5.0mm	Horizontal Overhead:	5.0mm
Vertical Downward:	Not Applicable	Overhead:	5.0mm
		Vertical Upward:	5.0mm
		Vertical Downward:	Not Applicable

THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 22 April 2022.
Issued at Tokyo on 23 June 2021.



 Y. Takao
 General Manager
 Material and Equipment Department

Note : (1)The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.
(2)This certificate was rewritten because of change of the applicant's name and the manufacturer's name.