



NIPPON KAIJI KYOKAI

Approval No. NKY-1852
Certificate No. TA25395E

Certificate OF **TYPE APPROVAL**

Article: Welding Consumables for High Tensile Steels for Hull
Brand: LT-B50
Applicant: Kobe Steel, Ltd., Saijo Plant
6400-1, Misonou, Saijo-cho, Higashi-hiroshima, Hiroshima, Japan
Manufacturer: Kobe Steel, Ltd., Saijo Plant
6400-1, Misonou, Saijo-cho, Higashi-hiroshima, Hiroshima, Japan
Grade: KMW53
Welding Process: Manual Welding
Gravity Welding
Welding Positions and Max. Diameter of Electrode: See Table 1
Current: AC, DCEP and DCEN
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Electrode

Butt Weld		Fillet Weld	
Flat:	Not Applicable	Flat:	6.0mm
		Horizontal Vertical:	6.0mm
Horizontal:	Not Applicable	Horizontal:	Not Applicable
Overhead:	Not Applicable	Horizontal Overhead:	Not Applicable
		Overhead:	Not Applicable
Vertical Upward:	Not Applicable	Vertical Upward:	Not Applicable
Vertical Downward:	Not Applicable	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 20 April 2025.
Issued at Tokyo on 21 March 2025.



M. IRISAWA
 General Manager
 Material and Equipment Department

Note: The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.