



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-1562
Certificate No. TA25394E

OF *TYPE APPROVAL*

Article: Welding Consumables for Mild Steels for Hull
Brand: Z-43F
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: KMW2
Welding Process: Gravity Welding
Welding Positions and Max. Diameter of Electrode: See Table 1
Current: AC, DCEP and DCEN
Shielding Gas: Not Applicable
Remarks: For annual inspection, conduct the test for length of welding electrode of 550mm and 700mm, respectively.

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

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