



# NIPPON KAIJI KYOKAI

## Certificate

Approval No. NKY-1562  
Certificate No. TA24177E

### 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



Table 1 Welding Positions and Max. Diameter of Electrode

Butt Weld		Fillet Weld	
Flat:	Not Applicable	Flat:	8.0mm
Horizontal:	Not Applicable	Horizontal Vertical:	8.0mm
Overhead:	Not Applicable	Horizontal:	Not Applicable
Vertical Upward:	Not Applicable	Horizontal Overhead:	Not Applicable
Vertical Downward:	Not Applicable	Overhead:	Not Applicable
		Vertical Upward:	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 2024.

Issued at Tokyo on 14 February 2024.

  
  
 Y. Takao  
 General Manager  
 Material and Equipment Department

Notes : (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 welding positions.

<p>The validity of this certificate has been renewed until ..... Date: ..... <i>[NK]</i> <i>J. J. [Signature]</i> Surveyor</p>	<p>The validity of this certificate has been renewed until ..... Date: ..... ..... Surveyor</p>
<p>The validity of this certificate has been renewed until <u>20 APR. 2025</u> ..... Date: <u>9 FEB. 2024</u> ..... <i>J. J. [Signature]</i> Surveyor</p>	<p>The validity of this certificate has been renewed until ..... Date: ..... ..... Surveyor</p>
<p>The validity of this certificate has been renewed until ..... Date: ..... ..... Surveyor</p>	<p>The validity of this certificate has been renewed until ..... Date: ..... ..... Surveyor</p>
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