



## NIPPON KAIJI KYOKAI

Approval No. NKY-1218  
Certificate No. TA23303E

# Certificate

OF  
TYPE APPROVAL

Article: Welding Consumables for High Tensile Steels for Hull  
Brand: LB-52  
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: KMW53Y40H10  
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:	6.0mm	Flat:	6.0mm
Horizontal:	5.0mm	Horizontal Vertical:	6.0mm
Overhead:	5.0mm	Horizontal:	5.0mm
		Horizontal Overhead:	5.0mm
		Overhead:	5.0mm
Vertical Upward:	5.0mm	Vertical Upward:	5.0mm
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 7 February 2024.

Issued at Tokyo on 14 March 2023.

  
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 addition of welding position.

Certificate No. TA23303E

The validity of this certificate has been renewed

until 7 FEB. 2025 .

Date: 9 FEB. 2024

  
Surveyor



The validity of this certificate has been renewed

until .


Date: .

Surveyor

The validity of this certificate has been renewed

until 7 FEB. 2026 .

Date: 16 MAY. 2025

  
Surveyor



The validity of this certificate has been renewed

until .

Date: .

Surveyor

The validity of this certificate has been renewed

until .

Date: .

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