NIPPON KAIJI KYOKAI

Approval No. NKY-1002
Certificate No. TA211455E

Certificate
OF
TYPE APPROVAL

Article:	Welding Consumables for Mild Steels for Hull
Brand:	TB-24
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:	KMW3
Welding Process:	Manual 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:	4.0mm	Flat:	4.0mm
		Horizontal Vertical:	4.0mm
Horizontal:	4.0mm	Horizontal:	4.0mm
Overhead:	4.0mm	Horizontal Overhead:	4.0mm
		Overhead:	4.0mm
Vertical Upward:	4.0mm	Vertical Upward:	4.0mm
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 19 March 2022.
Issued at Tokyo on 23 December 2021.

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 max. diameter of wire.

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The validity of this certificate has been renewed until 19 MAR. 2023. Date: 28 MAR. 2022 Surveyor	The validity of this certificate has been renewed until ..... Date: ..... Surveyor
The validity of this certificate has been renewed until 19 MAR. 2024. Date: 10 FEB. 2023 Surveyor	The validity of this certificate has been renewed until ..... Date: ..... Surveyor
The validity of this certificate has been renewed until ..... Date: ..... Surveyor	The validity of this certificate has been renewed until ..... Date: ..... Surveyor
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