

NIPPON KAIJI KYOKAI



Approval No. NKY-3542 Certificate No. TA2244E Certificate

OF TYPE APPROVAL

Article:

Welding Consumables for Mild Steels for Hull

Brand:

ZERODE-44

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:

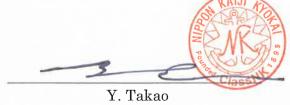
AC, DCEP and DCEN

Table 1 Welding Positions and Max. Diameter of Electrode

Butt Weld		Fillet Weld	
Flat:	6.0mm	Flat:	6.0mm
		Horizontal Vertical:	6.0mm
Horizontal:	5.0mm	Horizontal:	5.0mm
Overhead:	5.0mm	Overhead:	5.0mm
		Horizontal 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 20 April 2022. Issued at Tokyo on 11 January 2022.



Y. Takao 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.

The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 20 APR. 2023 .	until .	
Date: 10 PEB. 2022	Date:Surveyor	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 20 APR.2024 .	until	
Date: 10 FSB. 2023	Date:	
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The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 20 APR. 2025 .	until	
Date: 9 FED 2024 Surveyor	Date:	
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The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 20 APR. 2026 .	until	
Date: 16 MAY	Date:	
Surveyor Classity	Surveyor	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until	until	
Date:	Date:	
Surveyor	Surveyor	