



NIPPON KAIJI KYOKAI

Approval No. NKY-2229
Certificate No. TA201174E

Certificate
OF
TYPE APPROVAL

Article: Welding Consumables for High Tensile Steels for Hull
Brand: MX-200
Applicant: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Manufacturer: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Grade: KSW52Y40G(C)H5
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
Current: AC, DCEP and DCEN
Shielding Gas: CO₂

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.6mm	Flat:	1.6mm
Horizontal:	Not Applicable	Horizontal Vertical:	1.6mm
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 14 November 2021.

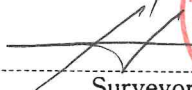
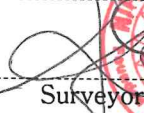
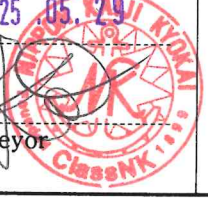
Issued at Tokyo on 22 September 2020.



Y. Takao
General Manager
Material and Equipment Department

Note : (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 grade of welding consumables.

Certificate No. TA201174E

The validity of this certificate has been renewed until <u>2022.11.14</u> . Date: <u>2021.03.31</u>  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>2023.11.14</u> . Date: <u>2022.05.26</u> <u>S.H. Lee</u> Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>2024.11.14</u> . Date: <u>2023.06.08</u>  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>2025.11.14</u> . Date: <u>2024.05.23</u>  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>2026.11.14</u> . Date: <u>2025.05.29</u>  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor