



NIPPON KAIJI KYOKAI

Certificate OF *TYPE APPROVAL*

Approval No. NKY-2652
Certificate No. TA201330E

Article: Welding Consumables for High Tensile Steels for Hull
Brand: MG-51T
Applicant: KOBELCO MIG WIRE (THAILAND) CO., LTD.
Praeksa, Samutprakarn, Thailand
Manufacturer: KOBELCO MIG WIRE (THAILAND) CO., LTD.
Praeksa, Samutprakarn, Thailand
Grade: KSW53G(C)
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
Current: DCEP
Shielding Gas: CO₂

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.6mm	Flat:	1.6mm
Horizontal:	1.6mm	Horizontal Vertical:	1.6mm
Overhead:	1.2mm	Horizontal:	1.6mm
Vertical Upward:	1.2mm	Horizontal Overhead:	1.2mm
Vertical Downward:	Not Applicable	Overhead:	1.2mm
		Vertical Upward:	1.2mm
		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 31 October 2021.

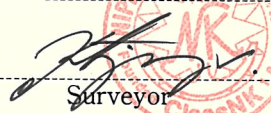
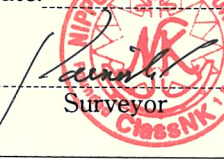
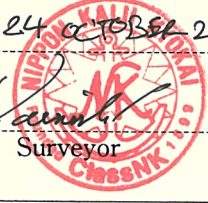
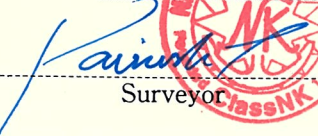
Issued at Tokyo on 30 November 2020.




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 the applicant's name and the manufacturer's name.

Certificate No. TA201330E

The validity of this certificate has been renewed until <u>31 OCTOBER 2022</u>. Date: <u>18 OCTOBER 2022</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>31 October 2023</u>. Date: <u>18 October 2022</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>31 OCTOBER 2024</u>. Date: <u>24 OCTOBER 2023</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>31 October 2025</u>. Date: <u>24 October 2024</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor
The validity of this certificate has been renewed until <u>31 OCTOBER 2026</u>. Date: <u>24 OCTOBER 2025</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor