



NIPPON KAIJI KYOKAI

Certificate
OF
TYPE APPROVAL

Approval No. NKY-2228
Certificate No. TA20855E

Article: Welding Consumables for High Tensile Steels for Hull
Brand: DW-100
Applicant: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Manufacturer: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Grade: KSW52Y40G(C)H10
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:	1.6mm	Horizontal:	1.6mm
Vertical Upward:	1.6mm	Horizontal Overhead:	1.6mm
Vertical Downward:	1.6mm	Overhead:	1.6mm
		Vertical Upward:	1.6mm
		Vertical Downward:	1.6mm

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 8 February 2022.

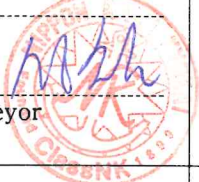
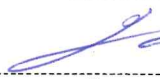
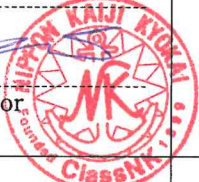
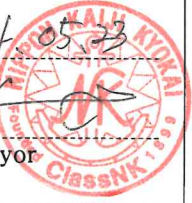
Issued at Tokyo on 28 May 2020.




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. TA20855E

The validity of this certificate has been renewed until <u>2023.02.08</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>2024.02.08</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>2025.02.08</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>2026.02.08</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>2027.02.08</u> . Date: <u>2025.05.29</u>  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor