



NIPPON KAIJI KYOKAI

Approval No. NKY-3015
Certificate No. TA20865E

Certificate OF TYPE APPROVAL

Article: Welding Consumables for High Tensile Steels for Hull
Brand: DW-S1LG / KL-4
[Wire / Backing]
Applicant: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Manufacturer: Kobelco Welding of Korea Co., Ltd.
Changwon, Gyeongnam, Korea
Grade: KEW55Y40
Welding Process: Electro-Gas 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:	Not Applicable	Flat:	Not Applicable
Horizontal:	Not Applicable	Horizontal Vertical:	Not Applicable
Overhead:	Not Applicable	Horizontal:	Not Applicable
Vertical Upward:	1.6mm	Horizontal Overhead:	Not Applicable
Vertical Downward:	Not Applicable	Overhead:	Not Applicable
		Vertical Upward:	Not Applicable
		Vertical Downward:	Not Applicable

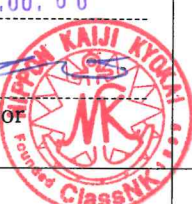
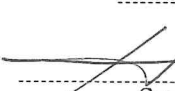
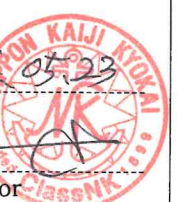
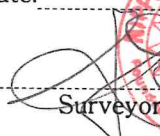
THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 10 July 2021.
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.

The validity of this certificate has been renewed until <u>2022.07.10</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>2023.07.10</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>2024.07.10</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>2025.07.10</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>2026.07.10</u>. Date: <u>2025.05.29</u>  Surveyor 	The validity of this certificate has been renewed until _____. Date: _____ _____ Surveyor