



# NIPPON KAIJI KYOKAI

## *Certificate* OF TYPE APPROVAL

Approval No. NKY-2214  
Certificate No. TA201329E

Article: Welding Consumables for High Tensile Steels for Hull  
Brand: TG-S50  
Applicant: KOBELCO MIG WIRE (THAILAND) CO., LTD.  
Praeksa, Samutprakarn, Thailand  
Manufacturer: KOBELCO MIG WIRE (THAILAND) CO., LTD.  
Praeksa, Samutprakarn, Thailand  
Grade: KSW53G(I)  
Welding Process: TIG Welding  
Welding Positions and Max. Diameter of Wire: See Table 1  
Current: DCEN  
Shielding Gas: Ar

Table 1 Welding Positions and Max. Diameter of Wire


Butt Weld		Fillet Weld	
Flat:	2.4mm	Flat:	2.4mm
Horizontal:	2.4mm	Horizontal Vertical:	2.4mm
Overhead:	2.4mm	Horizontal:	2.4mm
Vertical Upward:	2.4mm	Horizontal Overhead:	2.4mm
Vertical Downward:	Not Applicable	Overhead:	2.4mm
		Vertical Upward:	2.4mm
		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 1 November 2021.


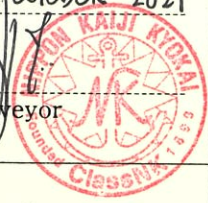
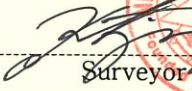

Issued at Tokyo on 30 November 2020.



  
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. TA201329E

<p>The validity of this certificate has been renewed until <u>01 NOVEMBER 2022</u> .</p> <p>Date: <u>18 OCTOBER 2021</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until <u>01 November 2023</u> .</p> <p>Date: <u>18 October 2022</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>