



# NIPPON KAIJI KYOKAI

## *Certificate*

OF

### TYPE APPROVAL

Approval No. NKY-3451

Certificate No. TA181475E

Article: Welding Consumables  
 Brand: DW-N709S  
 Applicant: Kobe Steel Ltd., Fujisawa Plant  
 Fujisawa, Kanagawa, Japan  
 Manufacturer: Kobe Steel Ltd., Fujisawa Plant  
 Fujisawa, Kanagawa, Japan  
 Grade: KSWL92G(C)  
 Welding Process: Semi-Automatic Welding (MAG Welding)  
 Welding Positions and Max. Diameter of Wire: See Table 1  
 Current: DCEP  
 Shielding Gas: CO<sub>2</sub>  
 Applicable Parent Material: Steels for Low Temperature Service

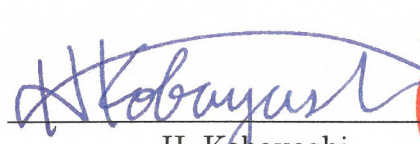
Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.2mm	Flat:	1.2mm
Horizontal:	1.2mm	Horizontal Vertical:	1.2mm
Overhead:	Not Applicable	Horizontal:	1.2mm
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.


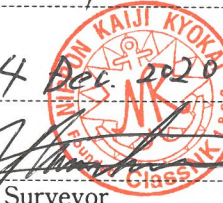


This Certificate will remain in force until 3 December 2019.

Issued at Tokyo on 4 December 2018.

  
 H. Kobayashi  
 General Manager  
 Material and Equipment Department



Note : The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.

<p>The validity of this certificate has been renewed until <u>3 Dec. 2020</u> .</p> <p>Date: <u>4 DEC. 2019</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>3 Dec. 2021</u> .</p> <p>Date: <u>4 Dec. 2020</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>3 Dec. 2022</u> .</p> <p>Date: <u>6 DEC. 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>3 Dec. 2023</u> .</p> <p>Date: <u>5 Dec. 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>