



# NIPPON KAIJI KYOKAI

## Certificate

Approval No. NKY-2104  
Certificate No. TA22108E

### OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: NI-C70S  
Applicant: Kobe Steel Ltd., Ibaraki Plant  
2-19, Higashi-Unobe-Cho, Ibaraki, Osaka, Japan  
Manufacturer: Kobe Steel Ltd., Ibaraki Plant  
2-19, Higashi-Unobe-Cho, Ibaraki, Osaka, Japan  
Grade: KMWL92  
Welding Process: Manual Welding  
Welding Positions and Max. Diameter of Electrode: See Table 1  
Current: AC  
Shielding Gas: Not Applicable  
Applicable Parent Material: Steels for Low Temperature Service

Table 1 Welding Positions and Max. Diameter of Electrode

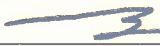
Butt Weld		Fillet Weld	
Flat:	5.0mm	Flat:	5.0mm
Horizontal:	5.0mm	Horizontal Vertical:	5.0mm
Overhead:	4.0mm	Horizontal:	5.0mm
		Horizontal Overhead:	4.0mm
		Overhead:	4.0mm
Vertical Upward:	4.0mm	Vertical Upward:	4.0mm
Vertical Downward:	Not Applicable	Vertical Downward:	Not Applicable

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 March 2022.

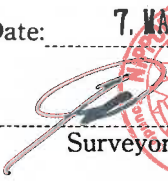

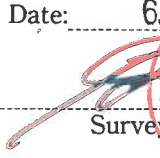

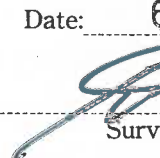
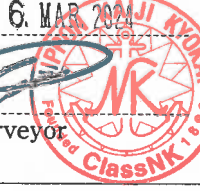
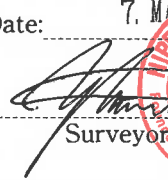
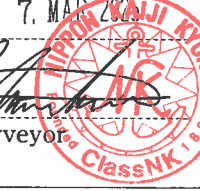
Issued at Tokyo on 3 February 2022.



  
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 welding positions.

<p>The validity of this certificate has been renewed until <u>3. MAR. 2023</u> .</p> <p>Date: <u>7. MAR. 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 <u>3. MAR. 2024</u> .</p> <p>Date: <u>6. MAR. 2023</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. MAR. 2025</u> .</p> <p>Date: <u>6. MAR. 2024</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. MAR. 2026</u> .</p> <p>Date: <u>7. MAR. 2025</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>