



# NIPPON KAIJI KYOKAI

## Certificate

Approval No. NKY-2104  
Certificate No. TA18197E

### TYPE APPROVAL FOR <sup>OF</sup> WELDING CONSUMABLE

Brand: NI-C70S  
 Applicant: Kobe Steel Ltd., Ibaraki Plant  
 Ibaraki, Osaka, Japan  
 Manufacturer: Kobe Steel Ltd., Ibaraki Plant  
 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:	Not Applicable
Horizontal:	5.0mm	Horizontal Vertical:	Not Applicable
Overhead:	4.0mm	Horizontal:	Not Applicable
Vertical Upward:	4.0mm	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 March 2018.


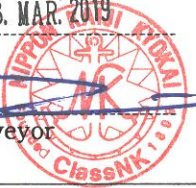
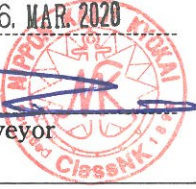

Issued at Tokyo on 22 February 2018.

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. MAR. 2019</u> .</p> <p>Date: <u>8. MAR. 2019</u></p> <p><i>K. Akimoto</i> 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. 2020</u> .</p> <p>Date: <u>8. MAR. 2019</u></p> <p><i>[Signature]</i> 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. 2021</u> .</p> <p>Date: <u>6. MAR. 2020</u></p> <p><i>[Signature]</i> 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. 2022</u> .</p> <p>Date: <u>5. MAR. 2021</u></p> <p><i>[Signature]</i> 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>