



# NIPPON KAIJI KYOKAI

Approval No. NKY-2028  
Certificate No. TA191639E

## *Certificate* OF *TYPE APPROVAL*

Article: Welding Consumables for Steels for Low Temperature Service  
Brand: US-255 / PF-I50LT / RR-3 / FA-B1  
[Wire / Flux / Metal Powder / Backing]  
Applicant: Kobe Steel Ltd., Fukuchiyama Plant  
Fukuchiyama, Kyoto, Japan  
Manufacturer: Kobe Steel Ltd., Fukuchiyama Plant  
Fukuchiyama, Kyoto, Japan  
Grade: KAWL3SP  
Welding Process: Submerged Arc One-Side Welding  
Welding Positions and Max. Diameter of Wire: See Table 1  
Current: AC  
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	6.4mm	Flat:	Not Applicable
Horizontal:	Not Applicable	Horizontal Vertical:	Not Applicable
Overhead:	Not Applicable	Horizontal:	Not Applicable
Vertical Upward:	Not Applicable	Horizontal Overhead:	Not Applicable
Vertical Downward:	Not Applicable	Overhead:	Not Applicable
		Vertical Upward:	Not Applicable
		Vertical Downward:	Not Applicable


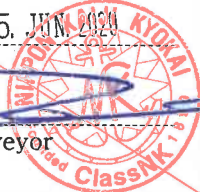


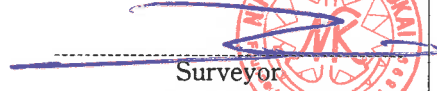
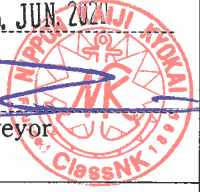

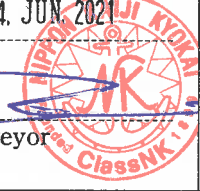


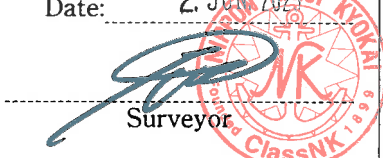

THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 27 July 2020.  
Issued at Tokyo on 8 November 2019.

  
H. Kobayashi  
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 Grade.

<p>The validity of this certificate has been renewed until <u>21. JUL. 2021</u> .</p> <p>Date: <u>5. JUN. 2021</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>27. JUL. 2025</u> .</p> <p>Date: <u>4. JUN. 2024</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>27. JUL. 2021</u> .</p> <p>Date: <u>5. JUN. 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>27. JUL. 2022</u> .</p> <p>Date: <u>4. JUN. 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>27. JUL. 2023</u> .</p> <p>Date: <u>3. JUN. 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>27. JUL. 2024</u> .</p> <p>Date: <u>2. JUN. 2024</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>