



# NIPPON KAIJI KYOKAI

## *Certificate*

OF

### TYPE APPROVAL

Approval No. NKY-3431  
Certificate No. TA23755E

Article : Welding Consumables for Steels for Low Temperature Service

Brand : US-709S / PF-N3  
[Wire / Flux]

Applicant : Kobe Steel Ltd., Fukuchiyama Plant  
: 3-36, Osadano-cho, Fukuchiyama, Kyoto, Japan

Manufacturer : Kobe Steel Ltd., Fukuchiyama Plant  
: 3-36, Osadano-cho, Fukuchiyama, Kyoto, Japan

Grade : KAWL92M

Welding Process : Submerged Arc Welding

Welding Positions and Max. Diameter of Wire : See Table 1

Current : AC and DECP

Shielding Gas : Not Applicable


Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	2.4mm	Flat:	2.4mm
Horizontal:	Not Applicable	Horizontal Vertical:	2.4mm
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

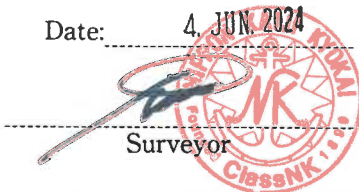
THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 30 August 2024.

Issued at Tokyo on 29 June 2023.

  
 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 addition of welding positions.

<p>The validity of this certificate has been renewed until <u>30. AUG. 2025</u> .</p> <p>Date: <u>4 JUN 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 _____ .</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>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>