



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.

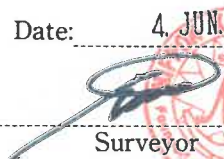
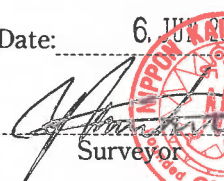
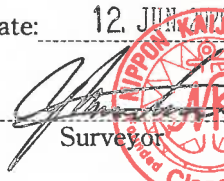
Y. Takao

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.

The validity of this certificate has been renewed until 30. AUG. 2025 . Date: 4. JUN. 2024  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until 30. AUG. 2026 . Date: 6. JUL. 2025  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until 30. AUG. 2027 . Date: 12. JUN. 2025  Surveyor 	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor
The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor	The validity of this certificate has been renewed until _____ . Date: _____ _____ Surveyor