



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3756
Certificate No. TA26473E

Article: Welding Consumables for Steels for Low Temperature Service
Brand: US-50EA / PF-50EA-H
[Wire / Flux]
Applicant: Kobe Steel Ltd., Fukuchiyama Plant
3-36, Osadano-cho, Fukuchiyama-shi, Kyoto, Japan
Manufacturer: Kobe Steel Ltd., Fukuchiyama Plant
3-36, Osadano-cho, Fukuchiyama-shi, Kyoto, Japan
Grade: KAWL3M
Welding Process: Submerged Arc Welding
Welding Positions and Max. Diameter of Wire: See Table 1
Current: AC and DCEP
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	4.8mm	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 22 March 2027.

Issued at Tokyo on 23 March 2026.



M. YRISAWA

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.