

**WELDING CONSUMABLE CERTIFICATE**
<https://ABSeCert.Eagle.org>

Report No.: 7215763.R2

Port of: Kanto Port

Date: 16 September 2025

**COPY**
**THIS IS TO CERTIFY**

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF NIPPON STEEL WELDING & ENGINEERING CO., LTD. ATTEND THEIR PLANT AT NARASHINO, JAPAN ON 12 September 2025, AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES AND TO WITNESS AND REPORT ON THE ANNUAL APPROVAL TESTING OF WELDING CONSUMABLES; AND,

THAT THE FACILITY IS CONSIDERED CAPABLE OF PROVIDING AN ACCEPTABLE UNIFORM PRODUCT, AND THAT EACH WELDING CONSUMABLE LISTED BELOW WAS FOUND IN COMPLIANCE WITH THE SPECIFICATION INDICATED AND IS ELIGIBLE TO BE PLACED ON THIS BUREAU'S APPROVED WELDING CONSUMABLES LIST IN THE FLUX CORED ARC WELDING SECTION:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
SF-1A.CL	ABS	3YSA H5	80%Ar-20%CO2	All	DCEP	1.2 mm
SF-50A.CL	ABS	4YQ500SA H5	80%Ar-20%CO2	All	DCEP	1.2 mm
SM-3A	ABS	4Y400SA H5	80%Ar-20%CO2	All, V-down	DCEP	1.0 - 1.4 mm*3
SF-3M	ABS	4Y400SA H5	CO2	All, V-down	DCEP	1.2 - 1.4 mm
SF-3AM	ABS	5YQ460SA H5	80%Ar-20%CO2	All	DCEP	1.0 - 1.6 mm
SM-47A	ABS	5YQ460SA H5	80%Ar-20%CO2	All	DCEP	1.0 - 1.4 mm
SF-47E	ABS	5Y400SA H5 & Manuf.*1	CO2	All, V-down	DCEP	1.2 - 1.6 mm
SF-50A	ABS	4YQ500SA H5	80%Ar-20%CO2	All	DCEP	1.2 mm
FC-9NI	ABS	Manuf.*2	CO2	All	DCEP	1.2 mm

\*1 : Manufacturer's guaranteed YP min. 460 N/mm<sup>2</sup>, TS 570-690 N/mm<sup>2</sup>, El. min. 22 %, CVN min. 64 J at - 20 °C.

\*2 : Manufacturer's guaranteed 0.2 % YS min. 420 N/mm<sup>2</sup>, TS min. 690 N/mm<sup>2</sup>, CVN min. 27 J at - 196 °C.

\*3 : Including uprating for wire size



Electronically Signed By  
Sugimoto, Takuma, Kanto Port  
Surveyor

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