

COPY



APPROVAL OF WELDING CONSUMABLES CERTIFICATE

No. QBI140924PU/002

This is to certify that the following product, in view of the tests carried out, has been approved.

Description	Flux-cored wire/gas combination
Type	SF-1A / 80%Ar + 20%CO2 (M21)
Class	3YS H5
Manufacturer	NIPPON STEEL WELDING & ENGINEERING CO., LTD.
Place of manufacture	HIKARI PLANT 2-1, 4-Chome Asae Hikari City 743-0021 Yamaguchi JAPAN
Reference standards	Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships

The approval is valid for one year and can be reconfirmed subject to the satisfactory outcome of the prescribed control tests.

Issued in RINA Korea Marine on August 7, 2024. This Certificate is valid until August 17, 2025



Sang Seok Lee

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



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Enclosure - Page 1 of 1

SF-1A / 80%Ar + 20%CO₂ (M21)

NIPPON STEEL WELDING & ENGINEERING CO., LTD. 2-1, 4-Chome Asae Hikari City - 743-0021
HIKARI PLANT Yamaguchi - JAPAN

Class	3YS H5
Diameters	1.0-1.6 mm
Welding positions	all positions including vertical in downward direction
Type of current	direct current reverse polarity



A handwritten signature in black ink, appearing to be a stylized 'A' or similar character.

RINA Korea Marine August 7,
2024

