

COPY



APPROVAL OF WELDING CONSUMABLES CERTIFICATE
No. QBI030523PU/002

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

<i>Description</i>	Flux-cored wire/gas combination
<i>Type</i>	SM-47A / 80%Ar + 20%CO2 (M21)
<i>Class</i>	5Y46MS H5
<i>Manufacturer</i>	NIPPON STEEL WELDING & ENGINEERING CO., LTD.
<i>Place of manufacture</i>	NARASHINO PLANT 7-6-1 Higashi Narashino, Narashino city 275-0001 Chiba JAPAN
<i>Reference standards</i>	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 **PUSAN** on **March 2, 2023**. This Certificate is valid until **February 22, 2024**



RINA Services S.p.A.
Dong-Hun Lee

This certificate consists of this page and 1 enclosure



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SM-47A / 80%Ar + 20%CO2 (M21)

NIPPON STEEL WELDING & ENGINEERING CO., LTD. NARASHINO PLANT	7-6-1 Higashi Narashino, Narashino city - 275-0001 Chiba - JAPAN
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Class	5Y46MS H5
Diameters	1.2-1.4 mm
Welding positions	all position
Type of current	direct current reverse polarity



A handwritten signature in black ink, appearing to be 'GL' or similar, written over a large, light-colored diagonal watermark.

PUSAN March 2, 2023

