



## APPROVAL OF WELDING CONSUMABLES CERTIFICATE No. QBI044720PU/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 SM-47A / 80%AP + 20%CO2 (M21)

*Class* **5Y46MS H5** 

Manufacturer NIPPON STEEL WELDING & ENGINEERING CO., LTD.

Place of manufacture NARASHINO PLANT

7-6-1 Higashi Narashino, Narashino city

275-0001 Chiba

**JAPAN** 

Reference standards Part D, Chapter 5, Section 2 of RINA Rules for the classification

of ships

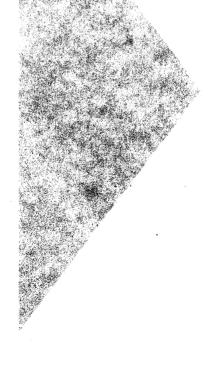
The approval is valid for one year and can be reconfirmed subject to the satisfactory outcome of the prescribed control tests.

Issued in PUSAN on March 23, 2020. This Certificate is valid until

February 22, 2021

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

This certificate consists of this page and 1 enclosure







## APPROVAL OF WELDING CONSUMABLES CERTIFICATE

No. QBI044720PU/002 Enclosure - Page 1 of 1 SM-47A / 80%Ar + 20%CO2 (M21)

NIPPON STEEL WELDING & ENGINEERING CO.,	LTD. 7-6-1 Higashi Narashino, Narashino city -
NARASHINO PLANT	275-0001 Chiba - JAPAN

Class
Diameters
1.2-1.4
Welding positions
Type of current

5Y46MS H5
1.2-1.4
mm
all positions
direct current reverse polarity

PUSAN March 23, 2020

RINA Services S.p.A. Via Corsica, 12 - 16128 Genova Tel +39 010 53851 Fax +39 010 5351000