

COPY



APPROVAL OF WELDING CONSUMABLES CERTIFICATE
No. QBI044720PU/001

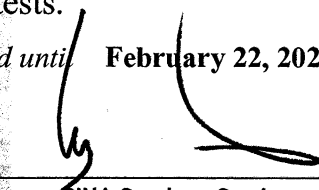
This is to certify that the following product, in view of the tests carried out, has been approved.

| | |
|-----------------------------|---|
| <i>Description</i> | Flux-cored wire/gas combination |
| <i>Type</i> | SM-3A / 80%Ar + 20%CO2 (M21) |
| <i>Class</i> | 4Y40MS 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 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



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Enclosure - Page 1 of 1

SM-3A / 80%Ar + 20%CO₂ (M21)

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

| | |
|-------------------|--|
| Class | 4Y40MS H5 |
| Diameters | 1.2-1.4 mm |
| Welding positions | all positions including vertical downward direction |
| Type of current | direct current reverse polarity |



A handwritten signature in black ink, appearing to be a cursive 'S' or similar mark.

PUSAN March 23, 2020

