

# COPY



## APPROVAL OF WELDING CONSUMABLES CERTIFICATE

No. QBI095020PU

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

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

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 **August 6, 2020**. This Certificate is valid until **July 9, 2021**



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

This certificate consists of this page and 1 enclosure



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SF-1A / 80%Ar + 20%CO<sub>2</sub> (M21)

NIPPON STEEL WELDING & ENGINEERING CO., LTD. HIKARI PLANT	2-1, 4-Chome Asae Hikari City - 743-0021 Yamaguchi - JAPAN
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Class	3YS H5
Diameters	1.2-1.4-1.6 mm
Welding positions	all positions including vertical in downward direction
Type of current	direct current reverse polarity



PUSAN August 6, 2020

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