



APPROVAL OF WELDING CONSUMABLES CERTIFICATE

No. **QBI693225WS/003**

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>	DW-110E / CO2
<i>Class</i>	3YSM H10
<i>Manufacturer</i>	KOBELCO WELDING OF QINGDAO CO., LTD.
<i>Place of manufacture</i>	NO.158, LISHAN ROAD, HUANGDAO DISTRICT Qingdao (Shandong) CHINA
<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 **RINA China Marine** on **January 1, 2026.** *This Certificate is valid until* **December 31, 2026**



Yongjun Pan

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

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DW-110E / CO2

KOBELCO WELDING OF QINGDAO CO., LTD.

NO. 158, LISHAN ROAD, HUANGDAO DISTRICT
Qingdao (Shandong) - CHINA

Class	3YSM H10
Diameters	1.2 - 1.4 mm
Welding positions	all positions including vertical in downward direction
Type of current	DC +

RINA China Marine January 1, 2026