



## APPROVAL OF WELDING CONSUMABLES CERTIFICATE

No. QBI538224WS

**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>DW-110E / CO2</b>  |
| <i>Class</i>                | <b>3YSM H10</b>   |
| <i>Manufacturer</i>         | <b>KOBELCO WELDING OF QINGDAO CO., LTD.</b>   |
| <i>Place of manufacture</i> | <b>NO.158, LISHAN ROAD, HUANGDAO DISTRICT Qingdao<br/>(Shandong)<br/>CHINA</b>        |
| <i>Reference standards</i>  | <b>Part D, Chapter 5, Section 2 of RINA Rules for the classification<br/>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* **RINA China Marine** on **January 1, 2025.** *This Certificate is valid until* **December 31, 2025**



**Hong Gu**

**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<br>Qingdao (Shandong) - CHINA |
|--------------------------------------|--|

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

RINA China Marine January 1,  
2025