



# 中國驗船中心

## CR Classification Society

Certificate No. 833-25-240

Date 26 August 2025

### TYPE APPROVAL CERTIFICATE OF WELDING MATERIALS

This is to certify that the following item/items of welding materials

Approved Product : Wire-Gas Combination for Semi-Automatic Multi-Run Welding  
Brand Name : DW-100 / FB-B3 / CO<sub>2</sub>  
Backing Material : FB-B3  
Shielding Gas : CO<sub>2</sub>  
Wire Size : 1.2 ~ 1.6 mm dia. (Flux-cored wire)  
Grade : 2S and 2YS  
Welding Position : Flat, Horizontal and Vertical-Upward

manufactured by:

Kobe Steel, Ltd. Ibaraki Plant  
2-19, Higashiunobe-cho, Ibaraki, Osaka, 〒567-0879, Japan

has/have been approved by this Society in accordance with the Requirements provided in  
Chapter 4 of Part XII of RULES FOR THE CONSTRUCTION AND CLASSIFICATION OF STEEL SHIPS

This Certificate is valid until 30 June 2030

This approval of welding materials by this Society is to be revoked in any one of the following cases:

1. Where this Society has recognized that the quality of welding materials is remarkably worse than that when the approval test was carried out.
2. Where welding materials have failed to meet the requirements in annual inspections and tests.
3. Where welding materials are not inspected and tested annually as required by the Rules. (see back of this certificate)

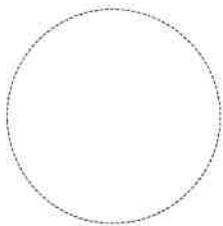
CHIEN-HUA HUANG

Chief Surveyor

CR Classification Society



This is to certify that the annual test of the approved welding materials as required by the Rules was carried out to my satisfaction.

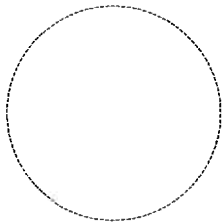


Report No.: \_\_\_\_\_

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor  
*CR Classification Society*

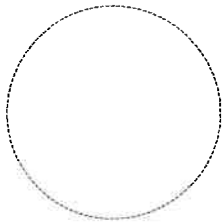


Report No.: \_\_\_\_\_

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor  
*CR Classification Society*

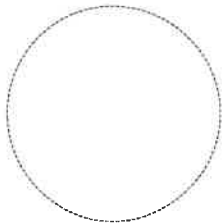


Report No.: \_\_\_\_\_

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor  
*CR Classification Society*



Report No.: \_\_\_\_\_

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

Surveyor  
*CR Classification Society*