



# Type Approval Certificate

[ Welding Consumables ]

**Initial Approval** 30 November 2007  
**Manufacturer** KOBE STEEL, LTD. Ibaraki Plant  
 2-19, Higashiunobe-cho, Ibaraki-city, Osaka, 567-0879, Japan

**Product Description** Flux cored wires with gas for automatic arc welding  
 (High speed horizontal fillet welding process)

- Brand : MX-200HS x MG-1HS x MX-200HS
- Grade : 3YMG (C)
- Dia. of Wire(mm) : 1.6 for MX-200HS, 1.2 for MG-1HS
- Position : Horizontal-fillet
- Current(Polarity) : DCEP for MX-200HS, DCEN for MG-1HS
- Shielding Gas : CO<sub>2</sub> 100%

\* See "Appendix 1"

- Approval Condition**
1. The product or packing is to be marked with manufacturer name and type designation on a suitable position.
  2. Individual Product Certification is not required.
  3. Periodical survey is to be carried out at an interval of one(1) year in the presence of the surveyor.

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

Pt. 2, Ch. 2, Sec. 6 of the Rules for Classification of Steel Ships.

This Certificate is valid until 29 November 2027

Issued at Tokyo, Japan on 7 October 2022



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME24031582430) and certificate No.(TKY03292-WD009).



**KOREAN REGISTER**

*Park Munseu*

*General Manager of  
Tokyo Branch Office*

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
  2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
  3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
  4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

### Endorsement for Periodical Survey

Date of Issue : 7 October 2022

Anniversary Date : 29 November

This is to certify that the product is in compliance with the relevant requirements to obtain/ retain the Society's approval in accordance with Pt. 2, Ch. 2, Sec. 6 of the Rules for Classification of Steel Ships. and is valid until 29 November 2023

■ Periodical Survey

Periodical Survey has been carried out and the product is valid until

29 November 2024

Branch(Office) : Tokyo Branch Office

Date : 17 October 2023

Surveyor : CHOI Sunghwan



■ Periodical Survey

Periodical Survey has been carried out and the product is valid until

29 November 2025

Branch(Office) : Tokyo Branch Office

Date : 21 June 2024

Surveyor : KWON Taekwoo



■ Periodical Survey

Periodical Survey has been carried out and the product is valid until

Branch(Office) :

Date :

Surveyor :

■ Periodical Survey

Periodical Survey has been carried out and the product is valid until

Branch(Office) :

Date :

Surveyor :

*Note : The approval will be automatically suspended and the Certificate become invalid if not endorsed annually within 3 months after the anniversary date of this Certificate*