



TYPE APPROVAL CERTIFICATE

Certificate No. : TKY03292-WD009 **Initial Approval** : 30th November, 2007
Product : Welding Consumables
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 : CO₂ 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 29th November, 2022

Issued at Tokyo, Japan on 7th August, 2017



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 (ME20026013984) and certificate No.(TKY03292-WD009).



KOREAN REGISTER

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.

Appendix 1

Endorsement for Periodical Survey

Certificate No : TKY03292-WD009

Date of Issue : 7th August, 2017

Anniversary Date : 29th 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 29th November, 2018

■ Periodical Survey

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

29th November, 2019
Branch(Office) : Tokyo Branch Office
Date : 6th July, 2018
Surveyor : JYUN Hwansung



■ Periodical Survey

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

29th November, 2020
Branch(Office) : Tokyo Branch Office
Date : 21st November, 2019
Surveyor : JYUN Hwansung



■ Periodical Survey

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

29th November, 2021
Branch(Office) : Tokyo Branch Office
Date : 22nd July, 2020
Surveyor : JYUN Hwansung



■ 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