



Type Approval Certificate

[Welding Consumables]

Initial Approval 16 January 2006

Manufacturer ESAB SeAH Corp.
56, Jeongdong-ro 62beon-gil, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Rep. of Korea

Product Description Flux cored wires with gas for semi-automatic arc welding

- Brand and Grade : Cyro-Shield 308L/RW 308LG(C)
Cyro-Shield 316L/RW 316LG(C)
- Dia. of Wire(mm) : 1.0 ~ 1.2
- Current(Polarity) : DC(+)
- Welding Position : Flat, Horizontal, Overhead, Vertical-up and down
- Shielding Gas : 100% CO₂
- Remark : Manufacturer's guaranteed min. 34J at -196°C for absorbed energy of impact test.

Approval Condition

1. Product or packing is to be marked with manufacturer's name, type designation, etc on a suitable position.
2. Individual Product Certificate 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 9 September 2025

Issued at Changwon, Korea on 10 September 2020



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(ME24037391019) and certificate No.(CWN02485-WD012).



KOREAN REGISTER

*General Manager of
Changwon 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 : 10 September 2020

Anniversary Date : 9 September

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 9 September 2021

■ Periodical Survey

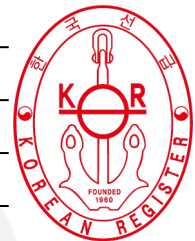
Periodical Survey has been carried out and the product is valid until

9 September 2022

Branch(Office) : Changwon Branch Office

Date : 5 July 2021

Surveyor : YEO Kwangmo



■ Periodical Survey

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

9 September 2023

Branch(Office) : Changwon Branch Office

Date : 15 September 2022

Surveyor : YEO Kwangmo



■ Periodical Survey

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

9 September 2024

Branch(Office) : Changwon Branch Office

Date : 22 August 2023

Surveyor : YEO Kwangmo



■ Periodical Survey

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

9 September 2025

Branch(Office) : Changwon Branch Office

Date : 26 July 2024

Surveyor : KANG Minsu



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