



TYPE APPROVAL CERTIFICATE

Certificate No. : POH02800-WD003 **Initial Approval** : 15th November, 1978
Product : Welding Consumables
Manufacturer : Chosun Welding Co., Ltd., Pohang Plant
 43, Goedong-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do

Product Description : Covered Electrodes for Manual Welding

- Brand : CR-13
 LC-300
 LC-328

* See "Appendix 1 & 2"

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 and entered in the "List of Approved Manufacturers and Type Approved Equipment".

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

This Certificate is valid until 30th June, 2022

Issued at Pohang, Korea on 20th July, 2017



*General Manager of
 Pohang 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

Product Description and/or Approval Condition

Certificate No : POH02800-WD003

Date of Issue :20th July, 2017

© Product Description ;

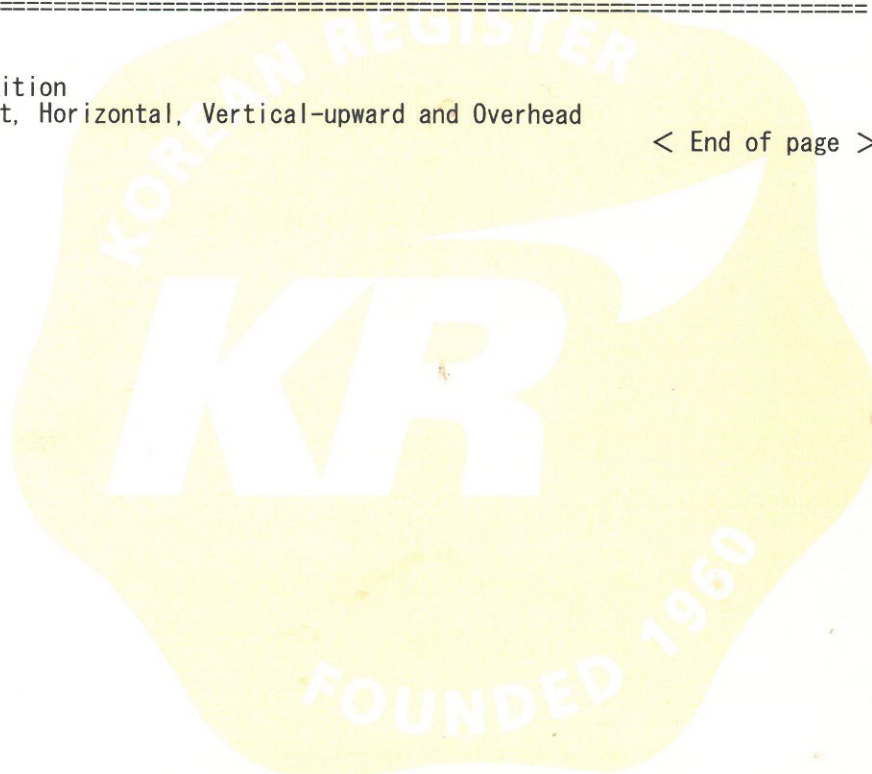
Brand	Grade	Dia. (mm)	Welding Position(*)	Current (Polarity)
CR-13	2	3.2, 4.0, 5.0	All	AC/DC(±)
LC-300	3YH15	4.0, 5.0, 6.0	All	AC/DC(+)
LC-328	3YH15	3.2, 4.0, 4.5, 5.0, 5.5, 6.0, 6.4, 7.0	All	AC/DC(+)

Remark :

* Welding Position

All : Flat, Horizontal, Vertical-upward and Overhead

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Endorsement for Periodical Survey

Certificate No : POH02800-WD003

Date of Issue : 20th July, 2017

Anniversary Date : 30th June

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 30th June, 2018

■ Periodical Survey

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

30th June, 2019
 Branch(Office) : Pohang Office
 Date : 26 July, 2018
 Surveyor : Park MunSu

■ Periodical Survey

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

30th June, 2020
 Branch(Office) : Pohang Office
 Date : 30 July, 2019
 Surveyor : Park MunSu

■ 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