



# TÜRK LOYDU

## CERTIFICATE of APPROVAL for WELDING CONSUMABLES

This certificate will be valid if the annual checks to be carried out from the date of first issue comply with the current TÜRK LOYDU rules. Please check the annual approval stamps on page 2.

**Manufacturer** : OERLIKON KAYNAK ELEKTRODLARI SANAYİ ANONİM ŞİRKETİ

**Address** : Organize San. Bölgesi 2.kısım 45030/ Manisa

**Brand** : MAGMAWELD ESR 13

**Product Description** : Covered Electrodes

**Grade** : 2

**Diameter (mm)** : 2.5 - 3.25 - 4.0 - 5.0

**Welding Positions** : PA, PB, PC, PD, PE, PF

**Welding Process** : SMAW (Shielded Metal Arc Welding)

**Shielding Gas/Flux** : -

**Current** : DC(-)/ AC

**Performed Test Scope** : All Weld-Mechanical Tests, Chemical Analysis

**Remarks** : -

**Initial Approval Date** : 24.11.1988

**Issue Place and Date** : İSTANBUL / 25.10.2022



Surveyor Name : Onur KOCABEY  
Date & Signature : 25.10.2022



This certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens, representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.

**Endorsement for Annual Approval of the Welding Consumable**-The validity of this certificate has been renewed until... September 2023...-The conformity of the product/products within the current rules has been determined. ☒-Project Number: 22-1388....

-Performed Annual Tests:

- All Weld ☒
- Hydrogen Test ☐
- Chemical Analysis ☒

Stamp/Signature

Surveyor

Onur KOCABEY

Date

25.10.2022-The validity of this certificate has been renewed until... April 2024...-The conformity of the product/products within the current rules has been determined. ☒-Project Number: 23-0616....

-Performed Annual Tests:

- All Weld ☒
- Hydrogen Test ☐
- Chemical Analysis ☒

Stamp/Signature

Surveyor

Onur KOCABEY

Date

25.04.2023-The validity of this certificate has been renewed until... April 2025...-The conformity of the product/products within the current rules has been determined. ☒-Project Number: 24-0607....

-Performed Annual Tests:

- All Weld ☒
- Hydrogen Test ☐
- Chemical Analysis ☒

Stamp/Signature

Surveyor

Hasan HABIBOGLU  
Inspector - Surveyor

Date

09.05.2024-The validity of this certificate has been renewed until... May 2026...-The conformity of the product/products within the current rules has been determined. ☒-Project Number: 25-0660....

-Performed Annual Tests:

- All Weld ☒
- Hydrogen Test ☐
- Chemical Analysis ☒

Stamp/Signature

Surveyor

Onur KOCABEY

Date

28.05.2025

This certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens, representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.