



Effective Date: September 08, 2019

# **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: El 308L

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Stainless Steel)

Classification: **E308L-16** 

Gas or Flux: N/A

Size (mm): Min: - Max: 5.0

Expiry date: September 8, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

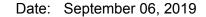
OKMTEI308L













### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: EI 316L

Point of Manufacture: Manisa, Turkey

W48-18 (SMAW Stainless Steel) Standard:

Classification: E316L-16

Gas or Flux: N/A

Size (mm): Min: -Max: 5.0

> Expiry date: **August 28, 2021**

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

OKMTEI316L













Effective Date: September 08, 2019

# **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: EL 309L

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Stainless Steel)

Classification: **E309L-16** 

Gas or Flux: N/A

Size (mm): Min: - Max: 5.0

Expiry date: September 8, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

OKMTEI309L

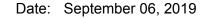














# **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD ESB 48

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-H8** 

Gas or Flux: N/A

Size (mm): Min: - Max: 5.0

#### Others Details:

In addition, the diffusible hydrogen tests was conducted in accordance with the latest ISO 3690 or AWS A4.3 and within the limits sets by the standard above.

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

**OKMTESB48** 















### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD ESB 52

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-1-H4** 

Gas or Flux: N/A

Size (mm): Min: - Max: 6.0

#### Others Details:

In addition, the diffusible hydrogen tests was conducted in accordance with the latest ISO 3690 or AWS A4.3 and within the limits sets by the standard above.

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

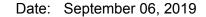
**OKMTESB52** 













### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD ESC 60

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Carbon Steel)

Classification: E4310
Gas or Flux: N/A

Size (mm): Min: - Max: 5.0

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

**OKMTESC60** 













### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD ESC 61

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4311**Gas or Flux: **N/A** 

Size (mm): Min: - Max: 5.0

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

**OKMTESC61** 













### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD ESR 13

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4313**Gas or Flux: **N/A** 

Size (mm): Min: - Max: 5.0

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

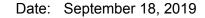
**OKMTESR13** 













# **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S.

Electrode Designation: MAGMAWELD MG 2

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6 (B-G 49A 3 C G6)

Gas or Flux: C1 (100%CO<sub>2</sub>) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

**OKMTMG2** 

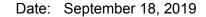














### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

OERLIKON KAYNAK ELEKTRODLARI VE SAN. A.S. Company Name:

**MAGMAWELD MG 102** Electrode Designation:

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S2 (B-G 49A 3 C G2)

C1 (100%CO<sub>2</sub>) (and with gases allowed in CSA W48) Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

> Expiry date: August 22, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

OKMTMG102













Effective Date: July 24, 2019

# **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SANAYI A.S.

Electrode Designation: TG 2

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (GTAW/PAW Carbon Steel)

Classification: ER49S-6
Gas or Flux: 100% Ar

Size (mm): Min: 1.6 Max: 4.0

Expiry date: July 24, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

CANADIAN WELDING BUREAU

Registrar

TIG-2-49S-6

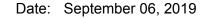














Effective Date: September 06, 2019

### **CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has witnessed tests on the following:

Company Name: OERLIKON KAYNAK ELEKTRODLARI VE SANAYI A.S.

Electrode Designation: TG 102

Point of Manufacture: Manisa, Turkey

Standard: W48-18 (GTAW/PAW Carbon Steel)

Classification: ER49S-2
Gas or Flux: 100% Ar

Size (mm): Min: 1.6 Max: 4.0

Expiry date: July 23, 2021

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules.

**CANADIAN WELDING BUREAU** 

Registrar

TIG-102S-49S-2









