



Date: September 06, 2019

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: **EI 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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



8260 Parkhill Drive, Milton, Ontario L9T 5V7  
Tel: 1.800.844.6790 info@cwbgroup.org  
Fax: 905.542.1318 www.cwbgroup.org



Date: September 06, 2019

Effective Date: August 28, 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: **EI 316L**  
Point of Manufacture: **Manisa, Turkey**  
Standard: **W48-18 (SMAW Stainless Steel)**  
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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification, System 5.*



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Date: September 06, 2019

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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification, System 5.*



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Date: September 06, 2019

Effective Date: August 22, 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: **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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **MAGMAWELD MG 2**  
Point of Manufacture: **Manisa, Turkey**  
Standard: **W48-18 (GMAW/GTAW 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: Unlimited**

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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

Effective Date: August 22, 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: **MAGMAWELD MG 102**  
Point of Manufacture: **Manisa, Turkey**  
Standard: **W48-18 (GMAW/GTAW Carbon Steel)**  
Classification: **B-G 49A 3 C1 S2 (B-G 49A 3 C G2)**  
Gas or Flux: **C1 (100%CO<sub>2</sub>) (and with gases allowed in CSA W48)**  
Size (mm): **Min: 0.8 Max: Unlimited**

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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Tel: 1.800.844.6790 info@cwbgroup.org  
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Date: September 06, 2019

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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 06, 2019

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

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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