



Date: April 28, 2016

Effective Date: April 16, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **E308/E308L-16**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E308-16**
E308L-16
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

Expiry date: **April 16, 2018**

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

CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE308

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



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Electrode Designation: **E308/E308L-17**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E308-17**
E308L-17
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE30817

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **E309/E309L-16**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E309-16**
E309L-16
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE309

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Electrode Designation: **E309/E309L-17**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E309-17**
E309L-17
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE30917

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **E316/E316L-16**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E316-16**
E316L-16
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

Expiry date: **April 16, 2018**

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

CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE316

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Electrode Designation: **E316/E316L-17**
Point of Manufacture: **Mount Carmel, USA**
Standard: **CSA W48-14**
Classification: **E316-17**
E316L-17
Gas or Flux: **N/A**
Size (mm): **Min: 2.4 Max: 5.0**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCPE31617

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **308L**
Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER308/308L**
Gas or Flux:
Size (mm): **Min: Max:**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCP308L

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **308LSI**
Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER308LSi**
Gas or Flux:
Size (mm): **Min: Max:**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
AMCP308LS

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

Company Name: **ARCOS INDUSTRIES, LLC**
Electrode Designation: **309L**
Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER309/309L**
Gas or Flux:
Size (mm): **Min: Max:**

Expiry date: **April 16, 2018**

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CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

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AMCP309L

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Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER309LSi**
Gas or Flux:
Size (mm): **Min: Max:**

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Electrode Designation: **316L**
Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER316/316L**
Gas or Flux:
Size (mm): **Min: Max:**

Expiry date: **April 16, 2018**

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Point of Manufacture: **Mount Carmel, USA**
Standard: **AWS A5.9/A5.9M:2012**
Classification: **ER316LSi**
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