

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: BLUEMAX MIG 308LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER308LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC308LS.59



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: BLUEMAX MIG 309LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER309LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC309LS.59



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: BLUEMAX MIG 316LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER316LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

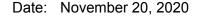
Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC316LS.59





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company of Canada

Electrode Designation: BlueMax MIG 385
Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER385

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

BLUEMAXMIG385



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company

Electrode Designation: CRC 70S

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

CRC70S



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 308/308H-16
Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: **E308-16 E308H-16**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCR308H



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Lincoln Electric Company Of Canada LP Company Name:

Excalibur 308/308L-17 Electrode Designation:

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

E308-17 Classification: E308L-17

N/A

Gas or Flux:

Size (mm): Min: 2.4 Max: 4.8

> Expiry date: **April 30, 2022**

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

CANADIAN WELDING BUREAU

Registrar

LNCB308L



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 308L-16

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: **E308L-16**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCR308L



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 309/309L-16

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: E309-16

E309L-16

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCR309L



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 309/309L-17

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: **E309-17 E309L-17**

N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

Gas or Flux:

LNCB309L



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 316/316L-15

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: E316-15 E316L-15

NI/A

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 3.2

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCR316LVMR



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 316/316L-16

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: E316-16 E316L-16

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCR316L



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 316/316L-17

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Stainless Steel)

Classification: E316-17 E316L-17

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCB316L



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 7018 MR N
Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.1/A5.1M:2012**

Classification: **E4918-H4R**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINELEEALIBUR7018MRN



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 7018 MR

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCEX18



Date: December 15, 2020

Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company

Electrode Designation: Excalibur 7018 XMR

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

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.

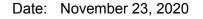
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

EXCALIBUR7018XMR





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 7028

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4928-H8**

Gas or Flux: N/A

Size (mm): Min: 4.0 Max: 5.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCEX7028



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 8018-B2 MR
Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Low-Alloy Steel)

Classification: **E5518-B2 (E8018-B2)**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.0

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC8018B2MR



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 8018-C1 MR
Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Low-Alloy Steel)

Classification: **E5518-C1-H4**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC8018C1MR



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Excalibur 9018-B3 MR
Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Low-Alloy Steel)

Classification: **E6218-B3 (E9018-B3)**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.0

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC9018B3MR



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Fleetweld 47

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4914**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC14



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-203 NICKEL (1%)

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: **E491T8-A3-Ni1-H16 (E491T8-Ni1-H16)**

Gas or Flux: None

Size (mm): Min: 2.0 Max: 2.0

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCT8N



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-207

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: **E491T8-A3-K6-H16 (E491T8-K6-H16)**

Gas or Flux: None

Size (mm): Min: 1.7 Max: 2.0

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC207



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-211-MP

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T11-AZ-CS3-H16 (E491T-11-H16)**

Gas or Flux: None

Size (mm): Min: 0.9 Max: 2.4

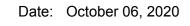
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC211





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-212

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: **E491TG-AZ-G-H16 (E491TG-G-H16)**

Gas or Flux: None

Size (mm): Min: 1.1 Max: 2.4

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCNR212



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-232

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T8-A3-CS3-H16 (E491T-8-H16)**

Gas or Flux: None

Size (mm): Min: 1.7 Max: 2.0

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCT8



Effective Date: December 12, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: INNERSHIELD NR-232-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T8-A3-CS3-H8 (E491T-8-H8)

Gas or Flux: None

Size (mm): Min: 1.7 Max: 1.8

Expiry date: December 12, 2022

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

CANADIAN WELDING BUREAU

Registrar

INNERSHIELDNR323H





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: INNERSHIELD NR-311

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E490T7-AZ-CS3 (E492T-7)

Gas or Flux: None

Size (mm): Min: 2.0 Max: 2.8

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCT7A



Effective Date: December 12, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: INNERSHIELD NR-555

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: **E551T8-A5-K8-H8**

Gas or Flux: None

Size (mm): Min: 2.0 Max: 2.0

Expiry date: December 12, 2022

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

CANADIAN WELDING BUREAU

Registrar

INNERSHIELDNR555





Effective Date: December 12, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: INNERSHIELD NR-555

Point of Manufacture: Mentor, Ohio, USA

Standard: **A5.29/A5.29M:2010**

Classification: E551T8-G (E81T8-G)

Gas or Flux: None

Size (mm): Min: 2.0 Max: 2.0

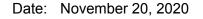
Expiry date: December 12, 2022

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

CANADIAN WELDING BUREAU

Registrar

INNERSHIELDNR555AWS





Effective Date: July 23, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company

Electrode Designation: LINCOLN AUTO8

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER308Si ER308LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.1

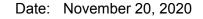
Expiry date: July 23, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINCOLNAUTO8





Effective Date: July 23, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company

Electrode Designation: LINCOLN AUTO9

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER309Si ER309LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.1

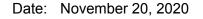
Expiry date: July 23, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINCOLNAUTO9





Effective Date: January 17, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company

Electrode Designation: Lincoln ER308/308L
Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER308 ER308L

Gas or Flux:

Size (mm): Min: 1.6 Max: 4.0

Expiry date: January 17, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNTILincoln ER308



Effective Date: September 26, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Lincolnweld LAC-690
Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.23/A5.23M:2011**

Classification: F76A7-ECG-G-H4 (F11A10-ECG-G-H4)

Gas or Flux: Lincolnweld 888 (made in USA)

Size (mm): Min: 2.4 Max: 4.0

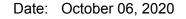
Expiry date: September 26, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCLAC.888





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: METALSHIELD MC-90

Point of Manufacture: Mentor, Ohio, USA

Standard: **A5.28/A5.28M:2005**

Classification: E62C-K3-H4 (E90C-K3-H4)

Gas or Flux: **Ar + 8%CO**₂ **TO 25%CO**₂

Size (mm): Min: 1.1 Max: 1.6

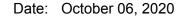
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCMC90





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: METALSHIELD MC-110

Point of Manufacture: Mentor, Ohio, USA

Standard: **A5.28/A5.28M:2005**

Classification: E76C-K4-H4 (E110C-K4-H4)

Gas or Flux: **Ar + 8%CO**₂ **TO 25%CO**₂

Size (mm): Min: 1.1 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCMC110



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Murematic S-6

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUMS6



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: MUREX 308LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER308LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC308LS.59



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: MUREX 309LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER309LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC309LS.59



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: MUREX 316LSI

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW/GTAW Stainless Steel)

Classification: ER316LSi

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

This certification, may be extended by meeting the check test requirements of the applicable standard and CWB rules. Product is classified using the designation and classification requirements as specified in AWS A5.9M.

CANADIAN WELDING BUREAU

Registrar

LNC316LS.59



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: OUTERSHIELD 70
Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E490T1-C1A3-CS1-H16 (E492T-9-H16)**

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.6 Max: 2.4

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC2T9



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: OUTERSHIELD 71M

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T1-GA4-CS1-H16 (E491T-9MJ-H16)

Gas or Flux: All-Core

Size (mm): Min: 0.9 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC71M.ALL



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: OUTERSHIELD 71M
Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T1-C1A4-CS1-H16 (E491T-9J-H16)**

E491T1-M21A4-CS1-H16 (E491T-9MJ-H16)

Gas or Flux: C1 (100%CO₂)

M21 (Ar + 20% to 25%CO₂)

Size (mm): Min: 0.9 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC71MM21C1



Effective Date: April 10, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: OUTERSHIELD 91K2-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: **E621T1-M20A2-K2-H8 (E621T1-K2M-H8)**

Gas or Flux: M20 (Ar + 15%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -20 degree C and the values met the requirements specified in the standard above.

Expiry date: April 10, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNC91K2HM20



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Pipeliner 8P+

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Low-Alloy Steel)

Classification: **E5510-P1**

Gas or Flux: N/A

Size (mm): Min: 2.5 Max: 4.8

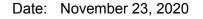
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCP8PP





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Pipeliner 16P

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4916-H4**

Gas or Flux: N/A

Size (mm): Min: 2.5 Max: 4.0

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCPL16P



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: Pipeliner 80Ni1

Point of Manufacture: Mentor, Ohio, USA
Standard: A5.28/A5.28M:2005
Classification: ER55S-G (ER80S-G)

Gas or Flux: **Ar + 20%CO**₂

Size (mm): Min: 1.0 Max: 1.2

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCLPL80Ni1



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company

Electrode Designation: Pipeliner Arc 80

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.5/A5.5M:2014**

Classification: **E5510-P1**

Gas or Flux: N/A

Size (mm): Min: 3.2 Max: 5.0

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCARC80



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Praxair Canada Inc

Electrode Designation: Prostar S-6

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCPROSTARS6



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Lincoln Electric Company

Electrode Designation: Radnor ER70S-6

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

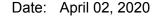
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

RADNORER70S6





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E6010-IP

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4310**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 6.4

Expiry date: April 30, 2021

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

CANADIAN WELDING BUREAU

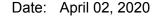
Registrar

LINC10



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E6011

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4311**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.0

Expiry date: April 30, 2021

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

CANADIAN WELDING BUREAU

Registrar

LINC11



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: Messer Canada Inc.

Electrode Designation: SolidSTRIKE 110 MSS E6013 MR

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4914**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

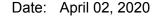
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINC14





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E6013 V

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4313**

Gas or Flux: N/A

Size (mm): Min: 2.0 Max: 4.0

Expiry date: April 30, 2021

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

CANADIAN WELDING BUREAU

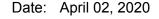
Registrar

LINC13V



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E7018 AC

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-H8**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.0

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: April 30, 2021

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

CANADIAN WELDING BUREAU

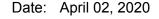
Registrar

LINC18AC



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E7018 EXTRA

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-H8**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.0

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: April 30, 2021

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

CANADIAN WELDING BUREAU

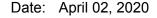
Registrar

LINCEXTRA



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E7018-1 MR

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-1**

Gas or Flux: N/A

Size (mm): Min: 2.4 Max: 4.8

Expiry date: April 30, 2021

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

CANADIAN WELDING BUREAU

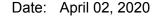
Registrar

LINC18-1MRP



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:





CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: MESSER CANADA INC.

Electrode Designation: SOLIDSTRIKE 110 MSS E7024 IP

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4924-1**

Gas or Flux: N/A

Size (mm): Min: 3.2 Max: 6.4

Expiry date: April 30, 2021

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

CANADIAN WELDING BUREAU

Registrar

LINC24



CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: SuperArc L-50

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S3

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCL50.CU



CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: SuperArc L-56

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.8 Max: 1.6

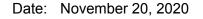
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCL56.CU





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: SuperGlide S3

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 2 C1 S3

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.9 Max: 1.1

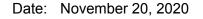
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCSGS3NCU





CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: Lincoln Electric Company Of Canada LP

Electrode Designation: SuperGlide S6

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 3 C1 S6

Gas or Flux: C1 (100%CO₂) (and with gases allowed in CSA W48)

Size (mm): Min: 0.9 Max: 1.1

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCSGS6.NCU



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 70C

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E490T1-C1A3-CS1-H8 (E492T-9-H8)**

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.6 Max: 2.4

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCULTRACORE70C



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 71A75 DUAL

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T1-C1A3-CS1-H8 (E491T-9-H8)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCULTRACORE71A75C1



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 71A75 DUAL

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T1-M21A3-CS1-H8 (E491T-9M-H8)**

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCULTRACORE71A75M21



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 75C

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E490T5-C1A4-CS1-H4 (E492T-5J-H4)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.6 Max: 2.4

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

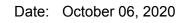
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCULTRACORE75C





Effective Date: December 12, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: ULTRACORE 80NI1C
Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E550T1-C1A4-Ni1-H8 (E550T1-Ni1C-H8)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.6 Max: 2.4

Expiry date: **December 12, 2022**

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

CANADIAN WELDING BUREAU

Registrar

LNCUC80NI1CJH8



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81K2C-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-C1A4-K2-H4 (E551T1-K2C-JH4)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -45 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC81K2C



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI1A75-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-M21A5-Ni1-H4 (E551T1-Ni1M-JH4)

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC81NI1A75H



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI1C-H PLUS

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-C1A5-Ni1-H4 (E551T1-Ni1C-JH4)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -50 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINELEULTRACORE81Ni1C-H PLUS



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI1C-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-C1A4-Ni1-H4 (E551T1-Ni1C-JH4)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC81NI1CH



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI1M-H PLUS

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-M21A5-Ni1-H4 (E551T1-Ni1M-JH4)

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -50 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINELEULTRACORE81Ni1M-H PLUS



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI2A75-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-M21A5-Ni2-H4 (E551T1-Ni2M-JH4)

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -50 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC81NI2A75H



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 81NI2C-H

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)

Classification: E551T1-C1A5-Ni2-H4 (E551T1-Ni2C-JH4)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -50 degree C and the values met the requirements specified in the standard above.

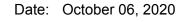
Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC81NI2CH





Effective Date: September 25, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY Electrode Designation: ULTRACORE 91K2C-H PLUS

Point of Manufacture: Mentor, Ohio, USA Standard: A5.29/A5.29M:2010

Classification: E621T1-K2C-JH4 (E91T1-K2C-JH4)

Gas or Flux: 100%CO₂

Size (mm): Min: 1.1 Max: 1.6

Expiry date: September 25, 2022

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

CANADIAN WELDING BUREAU

Registrar

ULTRAC91K2CHPLUS



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 712A80-H PLUS

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T1-M21A5-CS2-H4 (E491T-12MJ-H4)**

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -50 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LINELEULTRACORE712A80HPLUS



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 712C
Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T1-C1A4-CS1-H8 (E491T-9J-H8)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC712C9J



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE 712C
Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T1-C1A4-CS2-H8 (E491T-12J-H8)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUC712C12J



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following:

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE HD-12C

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: E491T1-C1A4-CS1-H8 (E491T-9J-H8)

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUCHD12C9J



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE HD-12C

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T1-C1A4-CS2-H8 (E491T-12J-H8)**

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUCHD12C12J



Effective Date: April 30, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: ULTRACORE HD-12M

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Carbon Steel)

Classification: **E491T1-M21A4-CS2-H8 (E491T-12MJ-H8)**

Gas or Flux: **M21 (Ar + 20% to 25%CO**₂)

Size (mm): Min: 1.1 Max: 1.6

Others Details:

The impact properties was witnessed to testing at -40 degree C and the values met the requirements specified in the standard above.

Expiry date: April 30, 2022

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

CANADIAN WELDING BUREAU

Registrar

LNCUCHD12M