



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: ARCWELD 230

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

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

Size (mm): Min: 2.5 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

ARCC230















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: BLUEMAX MIG 308L
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER308 ER308L

Gas or Flux:

Size (mm): Min: 0.8 Max: 0.9

Expiry date: January 17, 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

BLUEMAXMIG308L

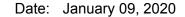














Effective Date: January 17, 2020

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: BLUEMAX MIG 309L
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER309 ER309L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: January 17, 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

BLUEMAXMIG309L

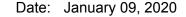














CERTIFICATION OF WELDING CONSUMABLE

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 310
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER310

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTTechalloy310















Effective Date: January 17, 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: BLUEMAX MIG 312
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER312

Gas or Flux:

Size (mm): Min: 1.0 Max: 1.6

Expiry date: January 17, 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

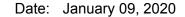
LNTTechalloy312













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: BLUEMAX MIG 316L
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER316 ER316L

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: January 17, 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

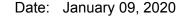
BLUEMAXMIG316L













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: BLUEMAX MIG 317L
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER317

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTBlueMax317















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 317L
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER317L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

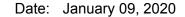
LNTTechalloy317L













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 320LR

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER320LR

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTTechalloy320LR

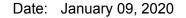














CERTIFICATION OF WELDING CONSUMABLE

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 330
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER330

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.1

Expiry date: October 25, 2021

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

LNTTechalloy330

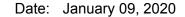














CERTIFICATION OF WELDING CONSUMABLE

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 347
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER347

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

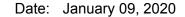
LNTTechalloy347













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 410
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER410

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTTechalloy410















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 630
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER630

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTTechalloy630

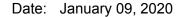














CERTIFICATION OF WELDING CONSUMABLE

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 2209
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2209

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: October 25, 2021

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

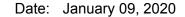
LNTTechalloy2209













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 2594
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2594

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTTechalloy2594











Date: August 27, 2019

Effective Date: April 30, 2019

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 LA-75
Point of Manufacture: Cleveland, Ohio, USA

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

Classification: F55A3-ENi1K-Ni1-H4 (F8A2-ENi1K-Ni1-H4)

Gas or Flux: Lincolnweld 960 (made in USA)

Size (mm): Min: 2.0 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: 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

LNCSA75.960













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 LA-90
Point of Manufacture: Mentor, Ohio, USA
Standard: A5.28/A5.28M:2005

Classification: ER62S-D2 (ER90S-D2)

Gas or Flux: Ar + 10%CO₂

Size (mm): Min: 0.9 Max: 1.6

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

LNCLA90













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 LA-90
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER55S-D2 (ER80S-D2)

Gas or Flux: 100%CO₂

Size (mm): Min: 0.9 Max: 1.6

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

LNCLA90.CU













Date: August 28, 2019

Effective Date: April 30, 2019

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

Electrode Designation: **ARCWELD EASYARC 528 MR**

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: E4918-1-H4

Gas or Flux: N/A

Size (mm): Min: 2.5 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, 2021

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

CANADIAN WELDING BUREAU

Registrar

ARC528MR













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 RED MAX 308LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER308LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

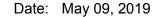
LERedMax308LSi













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 RED MAX 308SI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER308Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

LERedMax308Si













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 RED MAX 309LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER309LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

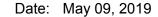
LERedMax309LSi













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: **LINCOLN RED MAX 309SI**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER309Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

> 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

LERedMax309Si













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 RED MAX 316LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER316LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

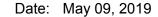
LERedMax316LSi













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 RED MAX 316SI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER316Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

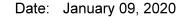
LERedMax316Si













January 17, 2020 Effective Date:

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: LINCOLNWELD 308/308L

Point of Manufacture: Mentor, Ohio, USA

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

ER308 Classification: **ER308L**

Gas or Flux:

Min: 0.8 Size (mm): Max: 0.9

> Expiry date: **January 17, 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

LNTILincolnweld308













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: TECHALLOY 617

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiCrCoMo-1

Gas or Flux:

Size (mm): Min: 0.9 Max: 4.0

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

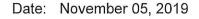
LNTTechalloy617













April 30, 2019

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 FC 308L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E308LT0-1

Gas or Flux:

100%CO₂

Size (mm):

Min: 1.1 Max: 1.6

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

LNMFC308L-1

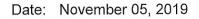














April 30, 2019

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 FC 308L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E308LT0-4

Gas or Flux:

Ar + 20%CO2 TO 25%CO2

Size (mm):

Max: 1.6 Min: 1.1

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

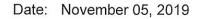
LNMFC308L-4













April 30, 2019

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 FC 309L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E309LT0-1

Gas or Flux:

100%CO₂

Size (mm):

Min: 1.1 Max: 1.6

Expiry date: April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

LNMFC309L-1

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.



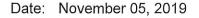








Fax: 905.542.1318





April 30, 2019

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 FC 309L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E309LT0-4

Gas or Flux:

Ar + 20%CO2 TO 25%CO2

Size (mm):

Min: 1.1 Max: 1.6

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

LNMFC309L-4













April 30, 2019

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 FC 316L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E316LT0-1

Gas or Flux:

100%CO₂

Size (mm):

Min: 1.1 Max: 1.6

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

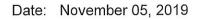
LNMFC316L-1













April 30, 2019

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 FC 316L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E316LT0-4

Gas or Flux:

Ar + 20%CO2 TO 25%CO2

Size (mm):

Min: 1.1 Max: 1.6

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

LNMFC316L-4

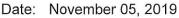














April 30, 2019

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 FCP 308L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Max: 1.6

Classification:

E308LT1-1

Gas or Flux:

100%CO₂

Size (mm):

Min: 1.1

Expiry date: April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

LNMFCP308L-1

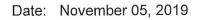














April 30, 2019

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 FCP 308L

Point of Manufacture:

Mason, Ohio, USA

Standard:

W48-18 (FCAW Stainless Steel)

Classification:

E308LT1-4

Gas or Flux:

Ar + 20%CO2 TO 25%CO2

Size (mm):

Min: 1.1 Max: 1.6

Expiry date:

April 30, 2021

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 A5.22M.

CANADIAN WELDING BUREAU

Registrar

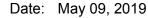
LNMFCP308L-4













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 71C
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:

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

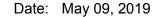
LNCULTRACORE71C













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-A1 MR**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: **E4918-A1-H4R**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC7018A1MR













Date: May 09, 2019

Effective Date: April 30, 2019

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-C3 MR**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: **E5518-C3-H4**

Gas or Flux: N/A

Size (mm): Min: 2.5 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, 2021

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

CANADIAN WELDING BUREAU

Registrar

LNC8018C3MR













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 5P

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4310**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC5P

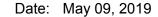














CERTIFICATION OF WELDING CONSUMABLE

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 5P+

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4310**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC5PP













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 35+

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

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

Size (mm): Min: 2.5 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

LNC35P













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 37

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: 4.8

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

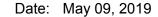
LNC37













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 37+

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

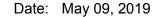
LNC37P













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 180

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

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

Size (mm): Min: 2.5 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

LNC180













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-203MP

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: 2.0

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNC203MP











Date: February 01, 2019

Effective Date: December 12, 2018

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

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

Expiry date: **December 12, 2020**

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

CANADIAN WELDING BUREAU

Registrar

INNERSHIELDNR323H



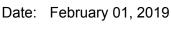














Effective Date: December 12, 2018

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

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

Classification: E551T8-G (E81T8-G)

Gas or Flux: None

Size (mm): Min: 2.0 Max: 2.0

> Expiry date: **December 12, 2020**

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

CANADIAN WELDING BUREAU

Registrar

INNERSHIELDNR555















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: **JETWELD 1**

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

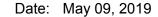
LNCJW1













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: **JETWELD 2**

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4327**

Gas or Flux: N/A

Size (mm): Min: 4.8 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

LNCJW2













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: **JETWELD LH-70**

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-1**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC70













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: JETWELD LH-78 MR
Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-1**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

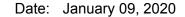
LNC78













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 ER320LR
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER320LR

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LTNLincoln320LR













Date: May 09, 2019

Effective Date: April 30, 2019

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: LINCOLN 7018 AC

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-H8**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC18AC













Effective Date: June 19, 2019

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: June 19, 2020

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

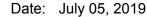
LINCOLNAUTO8













Effective Date: June 19, 2019

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: June 19, 2020

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

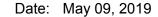
LINCOLNAUTO9













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: LINCOLN ER70S-2

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER49S-2 (ER480S-2)

Gas or Flux: 100% Ar

Size (mm): Min: 1.6 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

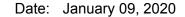
LNCER70S.CU













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: 0.8 Max: 0.9

Expiry date: January 17, 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

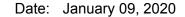
LNTILincoln ER308













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 ER309/309L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER309 ER309L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: January 17, 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

LNTLincoln309

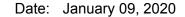














CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: LINCOLN ER310

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER310

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincoln310

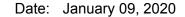














Effective Date: January 17, 2020

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 ER312

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER312

Gas or Flux:

Size (mm): Min: 1.0 Max: 1.6

Expiry date: January 17, 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

LNTLincoln312

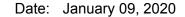














Effective Date: January 17, 2020

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 ER316/316L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER316 ER316L

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: January 17, 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

LNTLincoln316

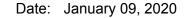














CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: LINCOLN ER317/317L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER317 ER317L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

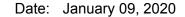
LNTLincoln317













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: **LINCOLN ER347**

Point of Manufacture: Mentor, Ohio, USA

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

Classification: **ER347**

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

> Expiry date: October 25, 2021

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

LNTLincoln347













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 ER410

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER410

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincoln410

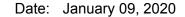














CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: LINCOLN ER630

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER630

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincoln630















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 ER2209
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2209

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincoln2209













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 ER2594
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2594

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

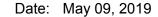
LNTLincoln2594













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 RED MAX 308LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER308LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

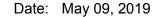
LERedMax308LSi













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 RED MAX 308SI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER308Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

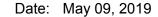
LERedMax308Si













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 RED MAX 309LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER309LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

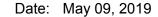
LERedMax309LSi













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: **LINCOLN RED MAX 309SI**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER309Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

> 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

LERedMax309Si













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 RED MAX 316LSI

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER316LSi

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

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

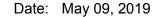
LERedMax316LSi













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: **LINCOLN RED MAX 316SI**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: ER316Si

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

> 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

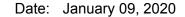
LERedMax316Si













Effective Date: January 17, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: LINCOLNWELD 308/308L

Point of Manufacture: Mentor, Ohio, USA

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

ER308 Classification: **ER308L**

Gas or Flux:

Size (mm): Min: 0.8 Max: 0.9

> Expiry date: **January 17, 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

LNTILincolnweld308













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: LINCOLNWELD 309/309L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER309 ER309L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: January 17, 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

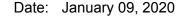
LNTLincolnweld309













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: LINCOLNWELD 310
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER310

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincolnweld310

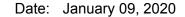














Effective Date: January 17, 2020

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: LINCOLNWELD 316/316L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER316 ER316L

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: January 17, 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

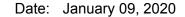
LNTLincolnweld316













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: LINCOLNWELD 317/317L

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER317 ER317L

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincolnweld317















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: LINCOLNWELD 320LR

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER320LR

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

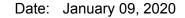
LNTLincolnweld320LR













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: LINCOLNWELD 347
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER347

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

LNTLincolnweld417

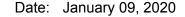














CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY

Electrode Designation: LINCOLNWELD 630
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER630

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

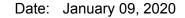
LNTLincolnweld630













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: LINCOLNWELD 2209
Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2209

Gas or Flux:

Size (mm): Min: 0.8 Max: 1.6

Expiry date: October 25, 2021

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

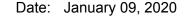
LNTLincolnweld2209













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY Company Name:

Electrode Designation: **LINCOLNWELD 2594**

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER2594

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

> Expiry date: October 25, 2021

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

LNTLincolnweld2594













Effective Date: August 01, 2019

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 L-70
Point of Manufacture: Cleveland, Ohio, USA

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

Classification: F62A2-EA1-G-H8 (F9A0-EA1-G-H8)

Gas or Flux: Lincolnweld 761 (made in USA)

Size (mm): Min: 2.0 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 1, 2021

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

CANADIAN WELDING BUREAU

Registrar

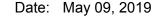
LNCL70.761













CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINDE CANADA LIMITED

Electrode Designation: LINDE E6010-IP

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4310**

Gas or Flux: N/A

Size (mm): Min: 2.5 Max: 6.0

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

LINC10













CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINDE CANADA LIMITED

Electrode Designation: LINDE E6011

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: E4311
Gas or Flux: N/A

Size (mm): Min: 2.5 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

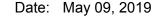
LINC11













CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINDE CANADA LIMITED

Electrode Designation: LINDE 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











Date: May 09, 2019

Effective Date: April 30, 2019

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINDE CANADA LIMITED

Electrode Designation: LINDE 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: 2.5 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

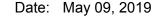
LINC18AC













CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **LINDE CANADA LIMITED**

Electrode Designation: LINDE E7024-IP

Point of Manufacture: Cleveland, Ohio, USA

W48-18 (SMAW Carbon Steel) Standard:

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











Date: May 09, 2019

Effective Date: April 30, 2019

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINDE CANADA LIMITED

Electrode Designation: LINDE EXTRA

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-H8**

Gas or Flux: N/A

Size (mm): Min: 2.5 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

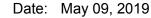














CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: LINCOLN ELECTRIC COMPANY OF CANADA LP

Electrode Designation: METALSHIELD MC-710XL

Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E491T15-M20A3-CS1-H8 (E491C-6M-H8)**

Gas or Flux: $M20 (Ar + 8\%CO_2)$

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

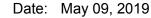
LNC710XL928













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-710XL

Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E491T15-M21A3-CS1-H4 (E491C-6M-H8)**

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

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNC710XL7525











Date: May 14, 2019

Effective Date: April 30, 2019

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

METALSHIELD MC-710XL Electrode Designation:

Point of Manufacture: Mentor, Ohio, USA

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

E491T15-M20A3-CS1-H8 (E491C-6M-H8) Classification: E491T15-M21A3-CS1-H8 (E491C-6M-H8)

M20 (Ar + 8%CO₂)

Gas or Flux: M21 (Ar + 20% to 25%CO₂)

Min: 1.1 Max: 1.6 Size (mm):

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

LNC710XL7525928











Date: May 10, 2019

Effective Date: April 30, 2019

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: MILLENNIUM ARC 7018-1

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: **E4918-1-H4**

Gas or Flux: N/A

Size (mm): Min: 2.5 Max: 6.4

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

LNCMILLENIUM7018













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-M21A2-K2-H8 (E621T1-K2M-H8)**

Gas or Flux: M21 (Ar + 20% to 25%CO₂)

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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 30, 2021

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

CANADIAN WELDING BUREAU

Registrar

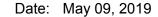
LNC91K2HM21













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: **PIPELINER 6P+**

Point of Manufacture: Cleveland, Ohio, USA

Standard: W48-18 (SMAW Carbon Steel)

Classification: E4310 Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC10















Effective Date: June 19, 2019

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 81M

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: E551T1-M21A4-K11-H4 (E81T1-GM-H4)

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

Size (mm): Min: 1.2 Max: 1.2

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

Expiry date: June 19, 2020

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

CANADIAN WELDING BUREAU

Registrar

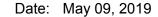
PIPELINER81MM21













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: SHIELD-ARC 70+

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: **E5510-G**

Gas or Flux: N/A

Size (mm): Min: 3.2 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

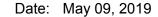
LNC70PLS













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

Electrode Designation: **SHIELD-ARC 85**

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: E4910-A1

Gas or Flux: N/A

Size (mm): Min: 2.5 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

LNC85















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: SHIELD-ARC HYP+

Point of Manufacture: Cleveland, Ohio, USA

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

Classification: **E4910-P1**

Gas or Flux: N/A

Size (mm): Min: 3.2 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

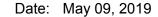
LNCHYPP













CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

Electrode Designation: **SUPERARC L-58**

Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW Carbon Steel)

Classification: B-G 49A 2 C1 S3 (B-G 49A 2 C G3)

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

Size (mm): Min: 0.9 Max: 1.6

> 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

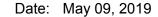
LNCL58













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-59
Point of Manufacture: Mentor, Ohio, USA

Standard: W48-18 (GMAW Carbon Steel)

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

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

Size (mm): Min: 0.9 Max: 1.6

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

LNCL59













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 LA-75
Point of Manufacture: Mentor, Ohio, USA
Standard: A5.28/A5.28M:2005

Classification: ER55S-Ni1 (ER80S-Ni1)

Gas or Flux: Ar + 8%CO₂

Size (mm): Min: 0.9 Max: 1.3

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

LNC75NI1ACU928

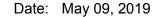














CERTIFICATION OF WELDING CONSUMABLE

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 LA-75** Point of Manufacture: Mentor, Ohio, USA Standard: A5.28/A5.28M:2005

Classification: ER55S-Ni1 (ER80S-Ni1)

Ar + 10%CO₂ Gas or Flux:

Min: 0.9 Size (mm): Max: 1.3

> 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

LNC75NI1ACU9010













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 LA-90

Point of Manufacture: Mentor, Ohio, USA

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

Classification: ER62S-D2 (ER90S-D2)

Gas or Flux: Ar + 5%O2

Size (mm): Min: 0.9 Max: 1.6

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

LNC90D2.CU

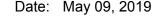














Classification:

Effective Date: April 30, 2019

CERTIFICATION OF WELDING CONSUMABLE

ER69S-G (ER100S-G)

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:

Point of Manufacture:

Standard:

Superact LA-100

Mentor, Ohio, USA

A5.28/A5.28M:2005

Gas or Flux: **Ar + 2%O2**

Size (mm): Min: 0.9 Max: 1.6

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

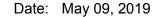
LNC100G.CU













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:

Point of Manufacture:

Superance LA-100

Mentor, Ohio, USA

Standard:

A5.28/A5.28M:2005

Classification:

ER69S-G (ER100S-G)

Gas or Flux: Ar + 5%CO₂

Size (mm): Min: 0.9 Max: 1.6

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

LNC100GC.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: TECHALLOY 208

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: **ERNi-1**

Gas or Flux:

Size (mm): Min: 0.9 Max: 3.2

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

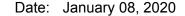
LNTTechalloy208













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: TECHALLOY 276

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiCrMo-4

Gas or Flux:

Size (mm): Min: 0.9 Max: 4.0

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

LNTTechalloy276













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: **TECHALLOY 413**

Point of Manufacture: Cleveland, Ohio, USA

A5.7/A5.7M:2007 Standard:

Classification: **ERCuNi**

Gas or Flux:

Size (mm): Min: 0.9 Max: 3.2

> Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

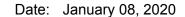
LNTTechalloy413













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: TECHALLOY 418

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiCu-7

Gas or Flux:

Size (mm): Min: 0.9 Max: 4.0

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

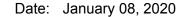
LNTTechalloy418













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: TECHALLOY 606

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiCr-3

Gas or Flux:

Size (mm): Min: 0.9 Max: 4.0

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

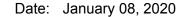
LNTTechalloy606













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: TECHALLOY 622

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: **ERNiCrMo-10**

Gas or Flux:

Size (mm): Min: 0.9 Max: 3.2

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

LNTTechalloy622















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: TECHALLOY 625

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: **ERNiCrMo-3**

Gas or Flux:

Size (mm): Min: 0.9 Max: 4.0

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

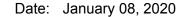
LNTTechalloy625













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: TECHALLOY 625HWT
Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiCrMo-3

Gas or Flux:

Size (mm): Min: 0.9 Max: 1.6

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

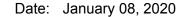
LNTTechalloy625HWT













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: **TECHALLOY 718**

Point of Manufacture: Cleveland, Ohio, USA

A5.14/A5.14M:2018 Standard:

Classification: **ERNiFeCr-2**

Gas or Flux:

Size (mm): Min: 0.9 Max: 3.2

> Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

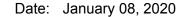
LNTTechalloy718













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: TECHALLOY 825

Point of Manufacture: Cleveland, Ohio, USA

Standard: **A5.14/A5.14M:2018**

Classification: ERNiFeCr-1

Gas or Flux:

Size (mm): Min: 0.9 Max: 3.2

Expiry date: October 25, 2021

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

CANADIAN WELDING BUREAU

Registrar

LNTTechalloy825















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 70M
Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E490T1-M21A2-CS1-H8 (E492T-1M-H8)**

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

Size (mm): Min: 1.6 Max: 2.4

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

ULTRACORE70M1M













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 70M
Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E490T1-M21A3-CS1-H8 (E492T-9M-H8)**

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

Size (mm): Min: 1.6 Max: 2.4

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

ULTRACORE70M















April 30, 2019 Effective Date:

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

ULTRACORE 71A85 Electrode Designation: Point of Manufacture: Mentor, Ohio, USA

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

Classification: E491T1-M20A3-CS1-H8 (E491T-9M-H8)

Gas or Flux: M20 (Ar + 15%CO₂)

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

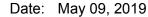
LNCH71A8515CO2













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 71A85
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:

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNCH71A8525CO2











Date: February 01, 2019

Effective Date: December 12, 2018

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

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

Expiry date: **December 12, 2020**

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

CANADIAN WELDING BUREAU

Registrar

LNCUC80NI1CJH8













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 91K2M-H PLUS

Point of Manufacture: Mentor, Ohio, USA

Standard: CSA W48-18 (FCAW/MCAW Low-Alloy Steel)
Classification: E621T1-M21A5-K2-H4 (E91T1-M21A6-K2-H4)

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

Size (mm): Min: 1.2 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

UC91K2MHP













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 712A80
Point of Manufacture: Mentor, Ohio, USA

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

Classification: E491T1-M21A4-CS1-H8 (E491T-9MJ-H8)

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

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNCUC712A80.19MJ













April 30, 2019 Effective Date:

CERTIFICATION OF WELDING CONSUMABLE

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

LINCOLN ELECTRIC COMPANY OF CANADA LP Company Name:

ULTRACORE 712A80 Electrode Designation: 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:

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNCUC712A80.112MJ













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 712A80-H

Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E491T1-M21A4-CS1-H4 (E491T-9MJ-H4)**

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

Size (mm): Min: 1.1 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

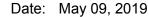
LNCUC712A80H9MJ













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

Point of Manufacture: Mentor, Ohio, USA

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

Classification: E491T1-M21A4-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:

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNCUC712A80H12MJ













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-H PLUS

Point of Manufacture: Mentor, Ohio, USA

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

Classification: **E491T1-C1A5-CS2-H4 (E491T-12J-H4)**

Gas or Flux: C1 (100%CO₂)

Size (mm): Min: 1.6 Max: 1.6

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

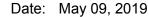
LNCUC712C-H Plus













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-M
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:

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. Product is classified using the designation and classification requirements as specified in AWS A5.36M.

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

LNCUCHDM9M







