

Effective Date: December 16, 2023

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 1)
Electrode Designation:	FabCOR Edge XP
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M
Classification:	E491T15-M12A3-CS1-H4 E491T15-M20A3-CS1-H4 E491T15-M21A3-CS1-H4 M20
Gas or Flux:	M12 (Ar + 5%CO₂) M21 (Ar + 20% to 25%CO₂)
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **December 16, 2025**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEEXPM21M20M12

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: December 16, 2023

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 1)
Electrode Designation:	FabCOR Edge XP
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M
Classification:	E491T15-GA3-CS1-H4
Gas or Flux:	Ferroline C8 Ferroline C15 Ferroline C25
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.

Expiry date: **December 16, 2025**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEEXPFERROLINEC8C15C25PIQ

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: June 16, 2022

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 1)
Electrode Designation:	FabCOR EDGE XP
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-M22A3-CS1-H4 (E491C-6M-H4)
Gas or Flux:	M22 (Ar + 5%O2)
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **June 16, 2024**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEPPIQM22

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: March 22, 2024

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 1)
Electrode Designation:	FabCOR Edge XP
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M
Classification:	E491T15-GA3-CS1-H4
Gas or Flux:	Ozoline C8
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **March 22, 2026**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEPPIQOZOLINEC8

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: March 22, 2024

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 3)
Electrode Designation:	FabCOR Edge XP
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M
Classification:	E491T15-GA3-CS1-H4
Gas or Flux:	Ozoline C8
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **March 22, 2026**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEEXPCKOZOLINEC8

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: June 27, 2022

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 3)
Electrode Designation:	FabCOR EDGE XP
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-M12A3-CS1-H4 (E491C-6M-H4)
	E491T15-M20A3-CS1-H4 (E491C-6M-H4)
	E491T15-M21A3-CS1-H4 (E491C-6M-H4)
	E491T15-M22A3-CS1-H4 (E491C-6M-H4)
Gas or Flux:	M20
	M22 (Ar + 5%O₂)
	M12 (Ar + 5%CO₂)
Size (mm):	M21 (Ar + 20% to 25%CO₂)
	Min: 1.2 Max: 1.6

Expiry date: **June 27, 2024**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGE M21 M20 M22 M12 KC

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5*.

Effective Date: June 27, 2022

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Hobart Brothers LLC, Tubular Wire Business (Plant 3)
Electrode Designation:	FabCOR Edge XP
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-GA3-CS1-H4 (E491C-6M-H4)
Gas or Flux:	Ferroline C8 Ferroline C15 Ferroline C25
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.

Expiry date: **June 27, 2024**

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

CANADIAN WELDING BUREAU



Registrar

FABCOREDGEEXPFERROLINEC8C15C25

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5.*