

CERTIFICATE OF WELDING CONSUMABLE

This certificate is issued to confirm that CWB witnessed the required tests on the following welding consumables:

Effective Date: February 27, 2026	Expiry Date: February 27, 2028	Issue Date: February 27, 2026
Company Name: Hobart Brothers Company	Point of Manufacture: Troy, OH, USA	Applicable Standard: CSA W48 / AWS A5.36M
Electrode Designation: FabCOR 86R	Size (mm): Min: 0.9 Max: 1.6	
Classification: E491T15-GA4-CS1-H4	Gas: Ozoline C15, Ferroline C15, Ozoline C8, Mig Mix Gold, Ferroline C8, Ferroline C25	
E491T15-M12A4-CS1-H4	M12 (Ar + 5%CO2)	
E491T15-M20A4-CS1-H4	M20	
E491T15-M21A4-CS1-H4	M21 (Ar + 25%CO2)	
E491T15-M22A4-CS1-H4	M22 (Ar + 5%O2)	

The certification of this welding consumable may be extended by conducting the required check tests in accordance with the provisions of CSA W48.

CANADIAN WELDING BUREAU



Registrar

E-R4M3-W9H0, E-XB2H2-R1D7, E-X0Y9-K6T6, E-K9Y2-R4V4, E-Q8M5-B0K0, E-H5S5-T3T8, E-K1H0-C6Y6, E-G7X2-V3G5, E-L4S3-B8L7, E-L9D7-F2Z5

Terms and Conditions governing the product certification and the use of this document are defined in the contract between CWB and the Holder



CWB is accredited by Standards Council of Canada (SCC) to ISO 17065:2012

The SCC Accreditation Symbol is an official symbol of the Standards Council of Canada, used under licence.

8260 Parkhill Drive, Milton ON L9T 5V7
www.cwbgroup.org
1.800.844.6790

CERTIFICATE OF WELDING CONSUMABLE

This certificate is issued to confirm that CWB witnessed the required tests on the following welding consumable:

Effective Date: August 03, 2025	Expiry Date: August 03, 2027	Issue Date: December 18, 2025
Company Name: Hobart Brothers Company	Point of Manufacture: Troy, OH, USA	Applicable Standard: CSA W48 / AWS A5.36M
Electrode Designation: FabCOR 86R	Size (mm): Min: 2.0 Max: 2.0	
Classification: E490T15-M12A4-CS1-H4	Gas: M12 (Ar + 5%CO2)	

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CANADIAN WELDING BUREAU



Registrar

E-H4Q3-D2J6

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CERTIFICATE OF WELDING CONSUMABLE

This certificate is issued to confirm that CWB witnessed the required tests on the following welding consumables:

Effective Date: December 10, 2025	Expiry Date: December 10, 2027	Issue Date: December 18, 2025
Company Name: Hobart Brothers Company	Point of Manufacture: Troy, OH, USA	Applicable Standard: CSA W48 / AWS A5.36M
Electrode Designation: FabCOR 86R	Size (mm): Min: 1.2 Max: 1.6	
Classification: E491T15-GA4-CS1-H4 E491T15-M12A4-CS1-H4 E491T15-M20A4-CS1-H4 E491T15-M21A4-CS1-H4	Gas: Ozoline C15 M12 (Ar + 5%CO2) M20 M21 (Ar + 20% to 25%CO2)	

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CANADIAN WELDING BUREAU



Registrar

E-G9X8-Q6Z4, E-P5J2-R6S8, E-N0B4-D6S1, E-KBY7-P2H7

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CERTIFICATE OF WELDING CONSUMABLE

This certificate is issued to confirm that CWB witnessed the required tests on the following welding consumables:

Effective Date: December 10, 2025	Expiry Date: December 10, 2027	Issue Date: February 19, 2026
Company Name: Hobart Brothers Company	Point of Manufacture: Troy, OH, USA	Applicable Standard: CSA W48 / AWS A5.36M
Electrode Designation: FabCO XL-525	Size (mm): Min: 1.2 Max: 1.6	
Classification: E491T1-M20A4-CS1-H4 E491T1-M20A4-CS2-H4 E491T1-M21A4-CS1-H4 E491T1-M21A4-CS2-H4	Gas: M20 (Ar + 8%CO ₂) M20 (Ar + 8%CO ₂) M21 (Ar + 20% to 25%CO ₂) M21 (Ar + 20% to 25%CO ₂)	

The certification of this welding consumable may be extended by conducting the required check tests in accordance with the provisions of CSA W48.

CANADIAN WELDING BUREAU



Registrar

E-C4Q2-Q6C5, E-J6J7-W8L3, E-C0L1-Z1X3, E-L3Y5-Q3L5

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CERTIFICATE OF WELDING CONSUMABLE

This certificate is issued to confirm that CWB witnessed the required tests on the following welding consumables:

Effective Date: March 22, 2026	Expiry Date: March 22, 2028	Issue Date: February 19, 2026
Company Name: Hobart Brothers Company	Point of Manufacture: Piqua, OH, USA	Applicable Standard: CSA W48 / AWS A5.36M
Electrode Designation: FabCOR 86R	Size (mm): Min: 1.2 Max: 1.6	
Classification: E491T15-GA4-CS1-H4	Gas: Ozoline C8, Ozoline C15	

The certification of this welding consumable may be extended by conducting the required check tests in accordance with the provisions of CSA W48.

CANADIAN WELDING BUREAU



Registrar

E-50F0-D1G7, E-G6G7-B7H0

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Effective Date: May 20, 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 86R
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M E491T15-GA4-CS1-H4 E491T15-M12A4-CS1-H4
Classification:	E491T15-M20A4-CS1-H4 E491T15-M21A4-CS1-H4 E491T15-M22A4-CS1-H4 M20 Mig Mix Gold
Gas or Flux:	M22 (Ar + 5%O2) M12 (Ar + 5%CO2) M21 (Ar + 20% to 25%CO2)
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **May 20, 2026**

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

CANADIAN WELDING BUREAU

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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.*