



Effective Date: September 28, 2020

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: **FABCO XL-525**
Point of Manufacture: **Piqua, Ohio, USA**
Standard: **CSA W48-18 (FCAW/MCAW Carbon Steel)**
Classification: **E491T1-M20A4-CS1-H4 (E491T-9MJ-H4)
E491T1-M21A4-CS1-H4 (E491T-9MJ-H4)
E491T1-M21A4-CS2-H4 (E491T-12MJ-H4)
E491T1-M20A4-CS2-H4 (E491T-12MJ-H4)**
Gas or Flux: **M20 (Ar + 8%CO₂)
M21 (Ar + 20% to 25%CO₂)**
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: **September 28, 2022**

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

CANADIAN WELDING BUREAU

Registrar

PIQFABCOXL525M20M21

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.



Effective Date: July 09, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	HOBART BOTHERS LLC, TUBULAR WIRE BUSINESS (PLANT 2)
Electrode Designation:	FABCO XL-525
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-M20A4-CS2-H4 (E491T-12MJ-H4) E491T1-M21A4-CS2-H4 (E491T-12MJ-H4)
Gas or Flux:	M20 (Ar + 8%CO₂) M21 (Ar + 20% to 25%CO₂)
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: **July 9, 2022**

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

CANADIAN WELDING BUREAU

Registrar

FABCOXL525928

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.



Effective Date: July 09, 2020

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	HOBART BOTHERS LLC, TUBULAR WIRE BUSINESS (PLANT 2)
Electrode Designation:	FABCO XL-525
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-M20A4-CS1-H4 (E491T-9MJ-H4) E491T1-M21A4-CS1-H4 (E491T-9MJ-H4)
Gas or Flux:	M20 (Ar + 8%CO₂) M21 (Ar + 20% to 25%CO₂)
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: **July 9, 2022**

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

CANADIAN WELDING BUREAU

Registrar

FABCORXL525TR752585159MJ

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.

Effective Date: August 15, 2021

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 2)
Electrode Designation:	FabCO XL-525
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-GA4-CS2-H4 (E491T-12MJ-H4)
Gas or Flux:	Ozoline C15
Size (mm):	Min: 1.2 Max: 1.2

Expiry date: **August 15, 2023**

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

CANADIAN WELDING BUREAU



Registrar

CXTVC70M15C

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*.