

Effective Date: June 17, 2020

**CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has granted interim approval on the following:

Company Name: **HOBART BROTHERS LLC, TUBULAR WIRE BUSINESS (PLANT 1)**  
Electrode Designation: **FABCO TRIPLE 7**  
Point of Manufacture: **Piqua, Ohio, USA**  
Standard: **CSA W48-18 (FCAW/MCAW Carbon Steel)**  
Classification: **E491T1-C1A3-CS1-H8 (E491T-9-H8)  
E491T1-M20A3-CS1-H8 (E491T-9M-H8)  
E491T1-M21A3-CS1-H8 (E491T-9M-H8)  
M21**  
Gas or Flux: **C1 (100%CO<sub>2</sub>)  
M20 (Ar + 15%CO<sub>2</sub>)**  
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: **June 17, 2021**

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

CANADIAN WELDING BUREAU



Registrar

FABCOTRIPLE7C1M20M21

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: October 19, 2020

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>Hobart Brothers LLC, Tubular Wire Business (Plant 2)</b>
Electrode Designation:	<b>FabCO Triple 7</b>
Point of Manufacture:	<b>Troy, Ohio, USA</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A3-CS1-H8 (E491T-9-H8) E491T1-M20A3-CS1-H8 (E491T-9M-H8) E491T1-M21A3-CS1-H8 (E491T-9M-H8) M21</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>) M20 (Ar + 15%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2 Max: 1.6</b>

Expiry date: **October 19, 2022**

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

CANADIAN WELDING BUREAU

Registrar

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