

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:	FabCO Excel-Arc 71
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-23 / AWS A5.36M
Classification:	E491T1-C1A3-CS1-H8 E491T1-M20A3-CS1-H8 E491T1-M21A3-CS1-H8 M21
Gas or Flux:	C1 (100%CO₂) M20 (Ar + 15%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



Registrar

PFABCOEXCELARC718515PROC1

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 21, 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:	FabCO Excel-Arc 71
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-GA3-CS1-H8 (E491T-9M-H8)
Gas or Flux:	Ferroline He20 C12
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **March 21, 2025**

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

CANADIAN WELDING BUREAU



Registrar

PFABCOEXCELARC71ARGOSHIELDPROC1

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 31, 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:	FabCO Excel-Arc 71
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-GA3-CS1-H8 (E491T-9M-H8)
Gas or Flux:	Ozoline C15 Ozoline C25
Size (mm):	Min: 1.2 Max: 1.6

Expiry date: **March 31, 2025**

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

CANADIAN WELDING BUREAU



Registrar

PFABCOEXCELARC71MISON15C25C

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: October 19, 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 2)**
Electrode Designation: **FabCO Excel-Arc 71**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-18 (FCAW/MCAW Carbon Steel)**
E491T1-C1A3-CS1-H8 (E491T-9-H8)
Classification: **E491T1-GA3-CS1-H8 (E491T-9M-H8)**
E491T1-M20A3-CS1-H8 (E491T-9M-H8)
E491T1-M21A3-CS1-H8 (E491T-9M-H8)
M21
Ozoline C15
Gas or Flux: **Ozoline C25**
C1 (100%CO₂)
M20 (Ar + 15%CO₂)
Ferroline He20 C12
Size (mm): **Min: 1.2 Max: 1.6**

Expiry date: **October 19, 2024**

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

CANADIAN WELDING BUREAU



Registrar

FABCOEXCELARC71C1M20ARGOSHIELDPRO
MISON15C25C

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*.