

Effective Date: July 30, 2020

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
Point of Manufacture:	Piqua, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-GA4-CS1-H4 (E491C-6MJ-H4)
Gas or Flux:	Ferroline C8 (Argoshield 8C) Ferroline C15 (Argoshield GP) Ferroline C25 (Argoshield 25C)
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 30, 2022**

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

CANADIAN WELDING BUREAU



Registrar

FABCORDEGEARGO8CGP25C1.4.1.6

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 30, 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 Business Wire (Plant 3)
Electrode Designation:	FabCOR Edge
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-M12A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M20A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M21A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M22A4-CS1-H4 (E491C-6MJ-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: **July 30, 2022**

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

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Effective Date: April 16, 2020

Date: August 14, 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 2)
Electrode Designation:	FABCOR EDGE
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-M12A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M20A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M21A4-CS1-H4 (E491C-6MJ-H4)
	E491T15-M22A4-CS1-H4 (E491C-6MJ-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

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.

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Effective Date: April 16, 2020

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

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CANADIAN WELDING BUREAU



Registrar

FABCOREEDGE

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Effective Date: April 16, 2020

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 2)
Electrode Designation:	FABCOR EDGE
Point of Manufacture:	Troy, Ohio, USA
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T15-GA4-CS1-H4 (E491C-6MJ-H4)
Gas or Flux:	Ferroline C8 (Argoshield 8C) Ferroline C15 (Argoshield GP) Ferroline C25 (Argoshield 25C)
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: **April 16, 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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