



Date: August 26, 2014

Effective Date: July 09, 2014

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following :

Company Name: **HOBART BROTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 1)**

Electrode Designation: **COREX VERTI-COR 70**

Point of Manufacture: **Piqua, Ohio, USA**

Standard: **CSA W48-06**

Classification: **E491T-12MJ-H4**

Gas or Flux: **Ar + 15%CO₂ TO 25%CO₂**

Size (mm): **Min: 1.2 Max: 1.6**

Others Details:

In addition, the diffusible hydrogen tests was conducted in accordance with AWS A4.3-93 "Standard methods for determination of the diffusible hydrogen content of martensitic, bainitic and ferritic steel weld metal produced by arc welding" and with within the limits sets by the standard above

Expiry date: **July 9, 2016**

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

CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
CXVC70

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.



8260 Parkhill Drive, Milton, Ontario L9T 5V7
Tel: 1.800.844.6790 info@cwbgroup.org
Fax: 905.542.1318 www.cwbgroup.org



Date: June 10, 2014

Effective Date: July 09, 2014

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following :

Company Name: **HOBART BROTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**

Electrode Designation: **VERTI-COR 70**

Point of Manufacture: **Troy, Ohio, USA**

Standard: **CSA W48-06**

Classification: **E491T-12MJ-H4**

Gas or Flux: **Ar + 15%CO₂ TO 25%CO₂**

Size (mm): **Min: 0.9 Max: 1.6**

Others Details:

In addition, the diffusible hydrogen tests was conducted in accordance with AWS A4.3-93 "Standard methods for determination of the diffusible hydrogen content of martensitic, bainitic and ferritic steel weld metal produced by arc welding" and with within the limits sets by the standard above

Expiry date: **July 9, 2016**

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

CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL
CXTVC70

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.



8260 Parkhill Drive, Milton, Ontario L9T 5V7
Tel: 1.800.844.6790 info@cwbgroup.org
Fax: 905.542.1318 www.cwbgroup.org



Date: August 28, 2015

Effective Date: August 20, 2015

CERTIFICATION OF WELDING CONSUMABLE

This is to advise you the Canadian Welding Bureau has satisfied itself on the following :

Company Name: **HOBART BROTHERS TUBULAR WIRE BUSINESS**
Electrode Designation: **COREX VERTI-COR 70**
Point of Manufacture: **Troy, USA**
Standard: **CSA W48-06**
Classification: **E491T-12MJ-H4**
Gas or Flux: **Linde Mison 15C**
Size (mm): **Min: 1.2 Max: 1.2**

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: **August 15, 2017**

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

CANADIAN WELDING BUREAU

Alice Y. Lau, P. Eng.
Operations Manager, Procedures & Electrodes

AYL

COREXVERTICOR70MISON15C

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.*



8260 Parkhill Drive, Milton, Ontario L9T 5V7
Tel: 1.800.844.6790 info@cwbgroup.org
Fax: 905.542.1318 www.cwbgroup.org