



Date: August 21, 2016

Effective Date: July 26, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BROTHERS COMPANY (PLANT 1)**
Electrode Designation: **COREX VISION AP70**
Point of Manufacture: **Piqua, Ohio, USA**
Standard: **CSA W48-06**
Classification: **E491T-9-H8**
E491T-9M-H8
Gas or Flux: **Ar + 15%CO₂ TO 100%CO₂**
Argoshield Pro
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: **July 26, 2018**

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
VISIONAP70

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@cwbgrouop.org
Fax: 905.542.1318 www.cwbgrouop.org



Date: August 21, 2016

Effective Date: July 26, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BROTHERS COMPANY (PLANT 1)**
Electrode Designation: **COREX VISION AP70**
Point of Manufacture: **Piqua, Ohio, USA**
Standard: **CSA W48-06**
Classification: **E491T-9M-H8**
Gas or Flux: **Linde Mison 15C**
Linde Mison 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.

Expiry date: **July 26, 2018**

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

VISIONAP70MISON

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Date: August 21, 2016

Effective Date: November 11, 2016

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:	COREX VISION AP70
Point of Manufacture:	Troy, USA
Standard:	CSA W48-06
Classification:	E491T-9M-H8
Gas or Flux:	Argoshield GP
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: **November 11, 2018**

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

COREXVISIONAP70ARGOPRO

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Tel: 1.800.844.6790 info@cwbgroup.org
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Date: August 21, 2016

Effective Date: December 20, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BROTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **COREX VISION AP70**
Point of Manufacture: **Troy, USA**
Standard: **CSA W48-06**
Classification: **E491T-9-H8**
Gas or Flux: **100%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: **December 20, 2018**

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
FABCOVISAP70

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.



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Date: August 21, 2016

Effective Date: August 08, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BROTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **COREX VISION AP70**
Point of Manufacture: **Troy, USA**
Standard: **CSA W48-06**
Classification: **E491T-9M-H8**
Gas or Flux: **Linde Mison 15C
Linde Mison 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.

Expiry date: **August 8, 2018**

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

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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.



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Date: June 29, 2016

Effective Date: April 06, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BROTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **COREX VISION AP70**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **E491T-9M-H8**
Gas or Flux: **Argoshield Pro**
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: **April 6, 2018**

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
CCTOVAP70

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.



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