



Date: May 31, 2013

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **HOBART BOTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **METALLOY EM13KS**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **F49A5-EC1**
Gas or Flux: **HN-511 (made in Taiwan)**
Size (mm): **Min: Max: Unlimited**

Expiry date: **March 3, 2015**

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
EM13KS511

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



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

Company Name: **HOBART BOTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **METALLOY EM13KS**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **F49A4-EC1**
Gas or Flux: **HA-495 (made in Taiwan)**
Size (mm): **Min: Max: Unlimited**

Expiry date: **March 3, 2015**

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
EM13KS495

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Company Name: **HOBART BOTHERS CO., TUBULAR WIRE BUSINESS
(PLANT 2)**
Electrode Designation: **METALLOY EM13KS**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **F49A5-EC1**
Gas or Flux: **HN-590 (made in Taiwan)**
Size (mm): **Min: Max: Unlimited**

Expiry date: **March 3, 2015**

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
EM13KS590

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Date: February 19, 2013

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: **METALLOY EM13KS**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **F43P6-EC1**
Gas or Flux: **HN-590 (made in Taiwan)**
Size (mm): **Min: Max: Unlimited**

Expiry date: **August 19, 2014**

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
HBTEM13KSF43P6

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Date: February 19, 2013

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: **METALLOY EM13KS**
Point of Manufacture: **Troy, Ohio, USA**
Standard: **CSA W48-06**
Classification: **F43P7-EC1**
Gas or Flux: **HN-511 (made in Taiwan)**
Size (mm): **Min: Max: Unlimited**

Expiry date: **August 19, 2014**

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

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HBTEM13KSF43P7

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