



Date: July 30, 2016

Effective Date: August 09, 2016

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **NATIONAL STANDARD LLC**
Electrode Designation: **STD ARC S-3**
Point of Manufacture: **Stillwater, Oklahoma, USA**
Standard: **CSA W48-14**
Classification: **B-G 49A 2 C1 S3 (B-G 49A 2 C G3)**
Gas or Flux: **C1 (100%CO₂) (and with gases allowed in CSA W48)**
Size (mm): **Min: 0.8 Max: Unlimited**

Expiry date: **August 9, 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
NSNSTDARCS-3

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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