



Effective Date: May 20, 2021

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	Tien Tai Electrode (Kunshan) Co. Ltd.
Electrode Designation:	TSW--E31
Point of Manufacture:	Kunshan, China
Standard:	A5.23/A5.23M:2011
Classification:	F55A3-ENi1-Ni1-H4(F8A2-ENi1-Ni1-H4)
Gas or Flux:	TF-565 (made in Taiwan)
Size (mm):	Min: 2.4 Max: 5.0

Others Details:

The impact properties was witnessed to testing at -30 degree C and the values met the requirements specified in the standard above.

Expiry date: **May 20, 2023**

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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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.