

**COPY**

Effective Date: July 31, 2020

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>NIPPON STEEL WELDING &amp; ENGINEERING CO.,LTD</b>
Electrode Designation:	<b>SF-1A</b>
Point of Manufacture:	<b>Hikari, Japan</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-M21A2-CS1-H8 (E491T-1M-H8)</b>
Gas or Flux:	<b>M21 (Ar + 20% to 25%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

Expiry date: **July 31, 2022**

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

CANADIAN WELDING BUREAU



Registrar

NISF1A

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.