



cwbcertification

Date: June 06, 2023

COPY

Effective Date: March 16, 2023

**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-3A</b>
Point of Manufacture:	<b>Hikari, Japan</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T-9M-JH4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 25%CO<sub>2</sub></b>
Size (mm):	<b>Min: 1.2 Max: 1.2</b>

Expiry date: **March 16, 2025**

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

CANADIAN WELDING BUREAU

Registrar

NIPPHESF3A

The product certification system operated by the Canadian Welding Bureau most closely resembles that described by *ISO/IEC 17067:2013 Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes, scheme type 5.*