



| cwbcertification

COPY

Date: July 22, 2022

Effective Date: July 31, 2022

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	NIPPON STEEL WELDING & ENGINEERING CO., LTD.
Electrode Designation:	SF-1E
Point of Manufacture:	Hikari, Japan
Standard:	CSA W48-18 (FCAW/MCAW Carbon Steel)
Classification:	E491T1-C1A2-CS1-H8 (E491T-1-H8)
Gas or Flux:	C1 (100%CO₂)
Size (mm):	Min: 1.2 Max: 1.2

Expiry date: **July 31, 2024**

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

CANADIAN WELDING BUREAU

Registrar

NIPPHESF1E

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.*