



Effective Date: August 26, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Company Name:          | <b>Oerlikon Kaynak Elektrolari ve San. A.S.</b> |
| Electrode Designation: | <b>MAGMAWELD FCW 13</b>                         |
| Point of Manufacture:  | <b>Manisa, Turkey</b>                           |
| Standard:              | <b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>      |
| Classification:        | <b>E491T1-C1A3-CS1-H8 (E491T-9-H8)</b>          |
| Gas or Flux:           | <b>C1 (100%CO<sub>2</sub>)</b>                  |
| Size (mm):             | <b>Min: 1.2    Max: 1.6</b>                     |

Expiry date: **August 26, 2023**

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

CANADIAN WELDING BUREAU

Registrar

FCW13-C1

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*.



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| Standard:              | <b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>      |
| Classification:        | <b>E491T1-M21A3-CS1-H8 (E491T-9M-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: **August 26, 2023**

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CANADIAN WELDING BUREAU

Registrar

FCW13-M21

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*.