



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield 7100 Ultra</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A3-CS1-H8 (E491T-9-H8) E491T1-M21A3-CS1-H8 (E491T-9M-H8)</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>) M21 (Ar + 20% to 25%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEDUALSHIELD7100ULTRA

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has satisfied itself on the following :

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>ESAB 71</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A3-CS1-H8 (E491T-9-H8) E491T1-M21A3-CS1-H8 (E491T-9M-H8)</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>) M21 (Ar + 20% to 25%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

**Others Details:**

In addition, the diffusible hydrogen tests was conducted in accordance with the latest ISO 3690 or AWS A4.3 and within the limits sets by the standard above.

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEESAB71

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

This is to advise you the Canadian Welding Bureau has satisfied itself on the following :

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Weld 71T-9</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A3-CS1-H8 (E491T-9-H8) E491T1-M21A3-CS1-H8 (E491T-9M-H8)</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>) M21 (Ar + 20% to 25%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

**Others Details:**

In addition, the diffusible hydrogen tests was conducted in accordance with the latest ISO 3690 or AWS A4.3 and within the limits sets by the standard above.

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEWeld71T-9

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*.



Effective Date: September 27, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield 7100SRM</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-M21P5-CS2-H4</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: **September 27, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEDual Shield 7100SRM

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield 7100SRM</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-M21A5-CS2-H4 (E491T-12MJ-H4)</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: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEDUALSHIELD7100SRM

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield II 71-HI</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A4-CS1-H4 (E491T-9J-H4)</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEDUALSHIELDII71-HI

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield II 81-K2</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Low-Alloy Steel)</b>
Classification:	<b>E551T1-C1A6-K2-H4</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.4</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

esaseedsll81k2

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*.



Effective Date: September 26, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Dual Shield Prime 71 LT H4</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>CSA W48-18 (FCAW/MCAW Carbon Steel)</b>
Classification:	<b>E491T1-C1A4-CS2-H4 (E491T-12J-H4) E491T1-M21A4-CS2-H4 (E491T-12MJ-H4)</b>
Gas or Flux:	<b>C1 (100%CO<sub>2</sub>) M21 (Ar + 20% to 25%CO<sub>2</sub>)</b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

Expiry date: **September 26, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEEDual Shield Prime 71 LT H4

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*.





Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 2209</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E2209T1-1 E2209T1-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 1.2    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT2209

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 308L X-tra</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E308LT0-1 E308LT0-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT308LXT

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 308L</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E308LT1-1 E308LT1-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT308L

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 309L X-tra</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E309LT0-1 E309LT0-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT309LXT

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 309L</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E309LT1-1 E309LT1-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT309L

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 316L X-tra</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E316LT0-1 E316LT0-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT316LXT

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*.



Effective Date: October 05, 2021

**CERTIFICATION OF WELDING CONSUMABLE**

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

Company Name:	<b>ESAB SEAH CORPORATION</b>
Electrode Designation:	<b>Shield-Bright 316L</b>
Point of Manufacture:	<b>Changwon, South Korea</b>
Standard:	<b>W48-18 (FCAW Stainless Steel)</b>
Classification:	<b>E316LT1-1 E316LT1-4</b>
Gas or Flux:	<b>Ar + 20%CO<sub>2</sub> TO 100%CO<sub>2</sub></b>
Size (mm):	<b>Min: 0.9    Max: 1.6</b>

Expiry date: **October 5, 2023**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT316L

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*.