



Date: September 23, 2017

Effective Date: October 05, 2017

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 308L**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E308LT1-1**
E308LT1-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 0.9 Max: 1.6**

Expiry date: **October 5, 2019**

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 Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



8260 Parkhill Drive, Milton, Ontario L9T 5V7
Tel: 1.800.844.6790 info@cwbgroup.org
Fax: 905.542.1318 www.cwbgroup.org



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Effective Date: October 05, 2017

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 309L X-TRA**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E309LT0-1**
E309LT0-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 0.9 Max: 1.6**

Expiry date: **October 5, 2019**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT309LXT

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 309L**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E309LT1-1**
E309LT1-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 0.9 Max: 1.6**

Expiry date: **October 5, 2019**

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

CANADIAN WELDING BUREAU

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ESASEESHIELDBRIGHT309L

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	ESAB SEAH CORPORATION
Electrode Designation:	SHIELD-BRIGHT 316L X-TRA
Point of Manufacture:	Changwon, Korea
Standard:	AWS A5.22/A5.22M:2012
Classification:	E316LT0-1 E316LT0-4
Gas or Flux:	Ar + 20%CO₂ TO 100%CO₂
Size (mm):	Min: 0.9 Max: 1.6

Expiry date: **October 5, 2019**

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

CANADIAN WELDING BUREAU

Registrar

ESASEESHIELDBRIGHT316LXT

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 316L**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E316LT1-1**
E316LT1-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 0.9 Max: 1.6**

Expiry date: **October 5, 2019**

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

CANADIAN WELDING BUREAU

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ESASEESHIELDBRIGHT316L

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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 2209**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E2209T1-1**
E2209T1-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 1.2 Max: 1.6**

Expiry date: **October 5, 2019**

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 Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5.



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Date: September 23, 2017

Effective Date: October 05, 2017

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	ESAB SEAH CORPORATION
Electrode Designation:	WELD 71T-9
Point of Manufacture:	Changwon, Korea
Standard:	CSA W48-06
Classification:	E491T-9-H8 E491T-9M-H8
Gas or Flux:	Ar + 20%CO₂ TO 100%CO₂
Size (mm):	Min: 1.2 Max: 1.6

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, 2019**

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

CANADIAN WELDING BUREAU

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ESASEEWELD71T-9

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.



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Date: September 23, 2017

Effective Date: October 05, 2017

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	ESAB SEAH CORPORATION
Electrode Designation:	DUAL SHIELD 7100 ULTRA
Point of Manufacture:	Changwon, Korea
Standard:	CSA W48-06
Classification:	E491T-9-H8 E491T-9M-H8
Gas or Flux:	Ar + 20%CO₂ TO 100%CO₂
Size (mm):	Min: 1.2 Max: 1.6

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, 2019**

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

CANADIAN WELDING BUREAU

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ESASEEDUALSHIELD7100ULTRA

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.



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Date: September 23, 2017

Effective Date: October 05, 2017

CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	ESAB SEAH CORPORATION
Electrode Designation:	DUAL SHIELD 7100SRM
Point of Manufacture:	Changwon, Korea
Standard:	CSA W48-06
Classification:	E491T-9MJ-H4 E491T-12MJ-H4
Gas or Flux:	Ar + 20%CO₂ TO 25%CO₂
Size (mm):	Min: 1.2 Max: 1.6

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, 2019**

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

CANADIAN WELDING BUREAU

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ESASEEDUALSHIELD7100SRM

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.



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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name:	ESAB SEAH CORPORATION
Electrode Designation:	DUAL SHIELD II 71-HI
Point of Manufacture:	Changwon, Korea
Standard:	CSA W48-06
Classification:	E491T-9J-H4
Gas or Flux:	100%CO₂
Size (mm):	Min: 1.2 Max: 1.6

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, 2019**

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

CANADIAN WELDING BUREAU

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ESASEEDUALSHIELDII71-HI

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.



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CERTIFICATION OF WELDING CONSUMABLE

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

Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **DUAL SHIELD II 81-K2**
Point of Manufacture: **Changwon, Korea**
Standard: **A5.29/A5.29M:2010**
Classification: **E551T1-K2C-H4 (E81T1-K2C-H4)**
Gas or Flux: **100%CO₂**
Size (mm): **Min: 1.2 Max: 1.4**

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, 2019**

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

CANADIAN WELDING BUREAU

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esaseedsII81k2

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.



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Company Name: **ESAB SEAH CORPORATION**
Electrode Designation: **SHIELD-BRIGHT 308L X-TRA**
Point of Manufacture: **Changwon, Korea**
Standard: **AWS A5.22/A5.22M:2012**
Classification: **E308LT0-1**
E308LT0-4
Gas or Flux: **Ar + 20%CO₂ TO 100%CO₂**
Size (mm): **Min: 0.9 Max: 1.6**

Expiry date: **October 5, 2019**

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CANADIAN WELDING BUREAU

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ESASEESHIELDBRIGHT308LXT

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