



KEYSTONE CERTIFICATIONS, INC.  
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## ***Notice of Product Certification Authorization***

### **National Fenestration Rating Council**

**Issued To:**

Manufacturer: Cascadia Windows, Ltd.  
Address: #101 - 5350B 275th Street  
Langley BC V4W 0C1  
Man'f Code CWL  
Cert Date: 8/23/2017

**Certification Number**

10395

**Product Line Number**

CWL - K - 021

**Revision Date**

8/23/2017

**The Following NFRC Product Line Has Been Authorized For Certification:**

Model / Series: Universal Series Outswing Casement Window  
Operator Type: CSSV  
Frame Type: FF  
Sash Type: FF  
Exp. Date: 6/29/2022

**Ratings Authorized For Certification:**

Rating	Property	Authorized
NFRC 100	U-factor	<input checked="" type="checkbox"/>
NFRC 200	Solar Heat Gain Coefficient	<input checked="" type="checkbox"/>
NFRC 200	Visible Light	<input checked="" type="checkbox"/>
NFRC 400	Air Leakage	<input checked="" type="checkbox"/>
NFRC 500	Condensation Resistance	<input checked="" type="checkbox"/>

**Fenestration products are not NFRC Certified unless manufactured and labeled in accordance with the current version of NFRC-700, Product Certification Program requirements.**

***This is a cover sheet for an NFRC Certification Authorization Report (CAR)  
the corresponding CAR may be downloaded for printing at [www.nfrc.org](http://www.nfrc.org).***

***The Manufacturer is authorized to label the options listed in the corresponding CAR.***

***Please notify Keystone of any errors or omissions within 10 days of receipt.***

Due diligence was used in authorizing these products for certification. By accepting this report the licensee agrees to hold harmless and indemnify Keystone Certifications, Inc. from all claims or liabilities which may arise based on this certification authorization. Certification authorization is based on NFRC program requirements and simulation and test reports from accredited laboratories.



# NFRC Product Certificate of Authorization

**Manufacturer:** Cascadia Windows Ltd.

**Street:** Unit 101, 5350 B 275th Street

**City/State/Zip:** Langley, BC V4W 0C1

**Product Series:** Universal Series Outswing Casement Window

**Product Type:** CSSV

**Simulation Lab:** SATI

**Test Lab:** TATW

**Sim Report #:** H1453.01-116-45

**Test Report #:** H1456.01-901-46

**Sim Report Date:** 06/30/2017

**Test Date:** 06/29/2017

**Revised Date:** 06/30/2017

**Revised Date:** 07/06/2017

**Auth. Ratings:** U-Factor, SHGC, VT, CR, Air Leakage

**Test Method:** NFRC 102

**Procedural Year:** 2014

**Procedural Year:** 2014

**Initial Certification Date:** 08/23/2017

**Re-Certification Date:**

**Expiration Date:** 06/29/2022

**CPD Product Line Number:** CWL-K-21

[http://search.nfrc.org/search/cpd/cpd\\_search\\_detail.aspx?cpdnum=CWL-K-21](http://search.nfrc.org/search/cpd/cpd_search_detail.aspx?cpdnum=CWL-K-21)

**Product Number Range:** 00001-00001 to 00027-00003

## Comments:

90% Arg-10% Air SP/DP

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

**Authorized IA Signature:**