

BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 12-0131

INTERPRETATION

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Interpretation Date:	November 20, 2018
Building Code Edition:	BC Building Code 2012
Subject:	Insulating Glass Units
Keywords:	Insulating glass units, reference standards
Building Code Reference(s):	5.10.1.1.(1), Table 5.10.1.1., 9.6.1.2.

Question:

Table 5.10.1.1. includes 2 different reference standards for Insulating Glass Units.

- ASTM – E 2190-10 – Insulating Glass Unit Performance and Evaluation, and
- CAN/CGSB-12.8-97 – Insulating Glass Units.

For Part 3 buildings, is it required that Insulating Glass Units comply with both reference standards?

Interpretation:

No

Sentence 5.10.1.1. requires that “materials and components, and their installation, shall conform to the requirements of the **applicable** standards in Table 5.10.1.1.”

The 2 referenced standards in Table 5.10.1.1. are very similar in their performance requirements for insulating glass units, so compliance to either ASTM – E2190 or CAN/CGSB-12.8 is acceptable.

This is consistent with the requirements for Part 9 buildings in Article 9.6.1.2. where the list of Material Standards for Glass clearly states that either ASTM – E2190 or CAN/CGSB-12.8 is acceptable.

This is also consistent with NAFS 2011 - Subsection 10.2.1. which indicates that either ASTM – E2190 or CAN/CGSB-12.8 is acceptable.



Patrick Shek, P.Eng., CP, FEC, Committee Chair

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