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Notice of Changes to Certification

To: Certified IGCC®/IGMA® Fabricators & Auditors

From: Insulating Glass Certification Council (IGCC®)

Date: June 21, 2022

Subject: IMPORTANT IGCC/IGMA Certification Program Changes

The 2022 IGCC Spring Certification Committee Meeting was held in Tampa Florida on May 3 – 4. A copy of the meeting minutes and presentation can be found on the IGCC website (<https://igcc.org/meetingevents.aspx>). Please find below a list of changes to the IGCC Certification program and corresponding implementation period.

Summary of Changes:

- I. **Fee Increase** – The IGCC Board of Directors approved an increase to the certification fees. This change will take effect in the 2023 Annual Certification Invoicing that is schedule to go out in November of 2022. An additional memo will be sent out to all IGCC Fabricators prior to running the 2023 Certification invoices.
 - a. One year certification for 1st product - \$1600
 - b. One year certification for each additional product - \$300
 - c. Foreign inspection fee - \$1020
- II. **Communication with Testing Laboratories:** In situations such as facilitating shipping of test samples, testing schedules, or condition of IG units, the Licensee/Lab should feel free to communicate the requested information with each other. See IGCC Laboratory Manual *Section A.1* (<https://igcc.org/laboratory-manual.aspx>)
- III. **Accepting orders for the RAC:** IGCC has approved moving forward with taking orders for the Rapid Assessment Chamber (RAC), as soon as this ordering becomes available to IGCC Laboratories and Participants we will send out another memo with additional information and details. Please contact Mitch Majewski (mmajewski@amscert.com) with any questions or comments on the RAC.
- IV. **IGCC Guideline Changes:**
 - A. **New** – High Altitude Guideline (CPC System)
 - B. Revised wording for the ‘Reviewed Components List’
 - C. **New** – Plant Relocation Guidelines (revised G.21 guideline)

IV. IGCC Guideline Changes: How will these changes affect IGCC Fabricators and Auditors?

A. **New** wording for the IGCC Certified Products Directory *Section G.0 Cavity Pressure Compensation (CPC) System*

CPC System Product Key descriptions:

TI = Tubes Inserted (TI units intended to be closed at some point after fabrication may be certified (durability and GCIA) if passing results are achieved. TI units intended to be left open, with no additional gas capture, shall not be GCIA certified.)

HR = Holes Resealed (Holes into the sealed airspace, created either in the field or at the factory, that are permanently sealed in the field for the purpose of cavity pressure compensation)

PA = Pressure Adjusted (Units initially made with a positive or negative preset)

RS = Relief System (Bladder or diaphragm)

PF = Post Fabrication (Designs requiring a secondary fabrication process at or near the installed altitude. Example, closing of a valve)

OT = Other (uncategorized)

G.0 Cavity Pressure Compensation (CPC) Systems

Definition:

Breather Tube - Tube inserted into the I.G. spacer that is intended to be permanently sealed at some point either prior to final glazing of the unit or by access to the end of the breather tube after glazing. This sealing is generally intended to be done after the unit is at or near its final installation elevation.

Capillary Tube - Tube inserted into the I.G. spacer and intended to be left permanently open.

Cavity Pressure Compensation Systems (CPC) - Any IG unit component or process which is designed to manage the cavity pressure of an IG unit.

CPC and How It Is Related to Membrane - IGCC®/IGMA® observes that organically sealed insulating glass units are not actually hermetically sealed, but rather are composed of sealing systems which demonstrate sufficiently low water and gas transmission rates as to pass the accelerated weathering conditions imposed in ASTM standard(s). We acknowledge that certain cavity pressure compensation system designs may also control the passage of water and gases in such a manner as to allow breathing but still demonstrate the ability to pass the test conditions.

An I.G. construction incorporating a CPC system will be certified and listed (durability and gas content) as equivalent to a previously IGCC®/IGMA® program certified I.G. model without a CPC system provided the following applies: (Modified 5/4/2022)

- a) Material and construction of the units are identical, except for the inclusion of the CPC system.
- b) Both sets of I.G. units pass when tested according to ASTM standard(s) durability and gas content (GCIA) if applicable. The units with CPC system need only be tested once, but each type of CPC must be tested and will be listed accordingly (see product key). Tubes Inserted, TI units intended to be closed at some point after fabrication may be certified (durability and GCIA) if passing results are achieved. TI units intended to be left open, with no additional gas capture, shall not be GCIA certified.
- c) The test must be run by an IGCC®/IGMA® approved lab. Unit installation instruction must be supplied to the lab.

- d) Preparation of test specimens must be witnessed to ensure all fabrication steps of the CPC system process are adhered to. Evidence of an SOP shall be provided. Test results shall be submitted to and reviewed and approved by the administrator.

Implementation: Any test performed prior to 5/4/2022 shall be grandfathered in (i.e all current capillary tube reports).

B. Revised wording for the 'Reviewed Components List'

Modify wording "~~whenever possible of unless some restrictions exists (i.e. lack of fabrication equipment),~~ test sample fabrication shall be by a Licensee fabricator, **or a component supplier under auditor witness.**"

Please review the IGCC website for the most up to date [Reviewed Lists](#).

C. **New** – Plant Relocation Guidelines (revised G.21 guideline)

G.21 Transfer

If a licensee manufactures the same model using the same technology at a different location, an IGCC®/IGMA® number with a temporary status will be issued provided that testing (durability and/or gas content) of the model is initiated at the next scheduled testing audit. (Modified 5/4/2022)

- This guideline may not be applied to products for which certification has been previously removed due to test failure.
- This guideline may be used when a plant relocates (physical relocation) under existing Ownership (IGCC shall be notified prior to plant's physical relocation).
- This guideline may be used if valid compliant test report(s) are within 12 months (one year) of the report date.

Thank you for your attention to this matter. If you have any questions, please feel free to contact us any time at igcc@amscert.com. We thank you for your support of the IGCC®/IGMA® Certification process.

Best regards,

Katrina Stafford
Program Manager