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# Notice of Change for Laboratories

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**To:** IGCC®/IGMA® Approved Laboratories

**From:** Insulating Glass Certification Council (IGCC®)

**Date:** June 27, 2023

**Subject:** **IMPORTANT IGCC® Laboratory Program Changes**

## Summary of Changes:

[Updated Guidelines for the IGCC®/IGMA® Laboratory Manual pertaining to additional testing, RAC unit selection for initial/after weathering gas content, and “percent initial and after weathering gas content”.](#)

**A.7 Additional Testing-** On occasion, program participants may request testing beyond normal certification program requirements. The laboratory may then provide services as requested, but the certification program shall have no responsibility, including fees, for such additional work. In some cases, release of the units must first be obtained from the administrative office. [An example of additional test may include an exact Frost Point. This may be completed but communication is between the Client and Laboratory and may include additional fees.](#)

**D.2** All test units shall be gas filled with argon. All triple pane units shall have both cavities filled and tested. The test lab shall randomly select ten (10) units for initial gas content [\(If submitting samples for RAC testing the test lab shall randomly select an additional six \(6\) units for initial gas content testing\)](#) except that units containing internal components (IC) (i.e. grills or muntins) shall not be considered for testing. Units shall be inspected for any damage, and any damaged units not used. Testing for gas content after weathering shall be performed on the 6 weathering test units [\(If applicable, testing for gas content after RAC testing shall be performed on the additional 6 RAC test units\).](#)

**D.4** Laboratories shall report results of testing as “percent initial gas content” and “percent after weathering gas content” to the nearest whole percent. The calculation of percent initial gas content of the ten (10) test units [\(and, if applicable, the additional six \(6\) RAC test units\)](#), shall be the average of all 10 units tested [\(and, if applicable, the average of six \(6\) additional RAC test units\)](#). The calculation of percent after weathering gas content shall be the average of all 6 weathered test units. [If applicable, the calculation of percent after RAC testing gas content shall be the average of all 6 RAC test units.](#)

## How will these changes affect IGCC®/IGMA® Approved Laboratories?

- Requests for exact Frost Point readings should be communicated directly from the client to the Laboratory and it is at the Labs’ discretion if fees are to be charged for this additional testing.

- When units are sent for RAC testing along with units for full ASTM E2190 testing, the laboratory is to randomly select an additional (6) units for initial gas content testing. Units containing internal components shall not be considered for this selection.
- Testing for gas content after RAC testing shall be performed on the additional 6 RAC test units.
- When units are sent for RAC testing, the calculation of percent initial and percent final gas content shall be the average of all 6 RAC units tested.

Please retain a copy of the updated Laboratory Manual and this Memo for your records.

Best regards,  
Olivia Aubin  
IGCC®/IGMA® Laboratory Liaison