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# Notice of Changes to Certification

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**To:** Certified IGCC®/IGMA® Licensees, Approved Testing Laboratories, and Interested Parties

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

**Date:** January 25, 2023

**Subject:** **IGCC Rapid Assessment Chamber (RAC) and Provisional Certification (PC) is Now Available.**

The ASTM E2190 series of Insulating Glass (IG) test standards and specifications (and their predecessor standards) have served the Insulating Glass and Window and Door Industry well for over 40 years. The challenge however, it's just too long a test for some situations. The need for a faster, technically justifiable process has long been recognized by many industry partners. To address this need, IGCC initiated an extensive research effort over 4 years ago to develop a process and test that could be used to technically justify quicker decisions for certification. The certification process came to be known as Provisional Certification (PC) and the test became known as the Rapid Assessment Chamber (RAC). To ensure public use and accessibility, IGCC has patented the RAC (Patent number US 11,460,393 B2).

Finalization of PC and IGCC approval to construct and distribute the RAC was granted in 2022 by the IGCC Board of Governors. Though fulfillment of chamber construction and installation has been delayed, the outcome is a vastly superior end product from earlier development models. The first ordered RAC chamber will be installed at an IGCC/IGMA Approved Testing Laboratory the week of January 23<sup>rd</sup>, and with this installation PC as a solution for IGCC®/IGMA® certification will then be available.

## **What can PC and the RAC be used for?**

We stress, PC and the use of the RAC is not a replacement for ASTM E2190 testing, but rather a parallel process that will allow a certification decision, on a provisional basis, sooner than completion of full ASTM E2190 testing. PC and the RAC are most likely applicable for:

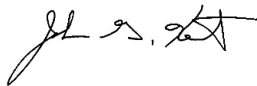
- 1) initial prototype certification; certification of a new IG product where timing does not allow for full ASTM E2190 testing, or
- 2) issues of product equivalency. RAC can also be a useful tool for R&D work, but that would be outside the IGCC/IGMA Certification Program.

**If you are Interested?**

While PC and the RAC likely will not be a solution for normal annual certification and testing obligations, where timing is not urgent, it can be a solution in other situations. When applicable, IGCC Staff will inform certification licensees of the PC option, but if you feel this may be applicable to your certification situation, feel free to contact any of our staff. Please see attached (also available on the IGCC website: <https://igcc.org/certification-notes.aspx>) Certification Note CN IG1010 *Provisional Certification (PC)*. Currently RAC testing is only available at one IGCC Approved Testing Laboratory, but 3 more laboratory locations have placed orders and we anticipate RAC chambers to be at additional laboratories by the end of May 2023.

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](mailto:igcc@amscert.com). We thank you for your support of the IGCC®/IGMA® Certification process.

Best regards,



John G. Kent  
Administrative Manager