GFAB™

NGA Glass Fabricator Conference

THE FUTURE OF GLASS
FABRICATION HAPPENS HERE

JUN 14-17, 2026

CHICAGO

CERTIFICATION PROGRAM UPDATE

June 2026

Administered by: AMS, Inc
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AGMT Architectural Glass & Metal Technician CERTIFICATION PROGRAM

INSULATING GLASS IGCC® CERTIFICATION COUNCIL

SGCC safety glazing certification council

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Terry Schaefer

Vice President

AMS, Inc

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SGCC
safety glazing
certification council

Contact Us – www.sgcc.org or email SGCC@amscert.com

Certification Testing Standards: ANSI Z97.1-2015(R2020), CPSC 16 CFR 1201, CAN/CGSB 12.1-2022

SGCC Things To Know

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- 2026 Annual Meeting – *SGCC® 2026 Annual Certification Committee Meeting* October 27th and 28th *in* **Tampa, FL**

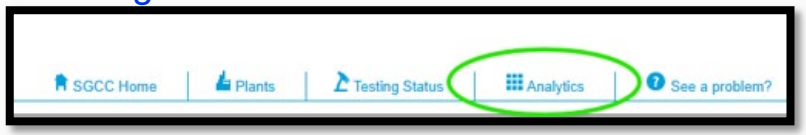
➢ *Official Announcement with Registration will be sent by end of June*

- Administrative Activity – To reference memos issued, please visit: https://sgcc.org/memos

  ➢ New CPSC E-Filing Rule – In Effect July 8, 2026

➢ SGCC Provides General Certificates of Conformity (GCC) on the website https://sgcc.org/more-info/cpsc-certificate-of-conformity-information

  ➢ Industry-wide (Anonymous) Program Testing Result Rates – Available in the SGCC Certification Information Portal (CIP)



  ➢ ANSI Z97.1 (Pending Publication) and CAN/CGSB 12.1 (Published) - Will require the SGCC Certification Committee's vote to be adopted, revision will also be needed to CPSC 16 CFR 1201 to reference new edition of ANSI. **Labeling changes will be required** but our goal is to maintain alignment in adoption to minimize the impact on participants.

CAN/CGSB 12.1- Safety Glazing

CAN/CGSB 12.1-2026 - Published March 2026

- Supersedes CAN/CGSB-12.1-2022
- Accessible at no cost here: https://www.canada.ca/en/public-services-procurement/services/standards-oversight/canadian-general-standards-board/catalogue.html
- Code change request to reference 2026 edition has been submitted and accepted by Codes Canada
- Changes Since the Previous Edition
  - Expanded classifications to include a section on Vacuum Insulating Glass (VIG).
  - Various editorial fixes related to the CGSB Style Manual.
  - Sections on testing method description were replaced with references to the appropriate ASTM standard
  - to better harmonize with ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance
  - Specifications and Methods of Test.
  - Normative references were updated and bibliography was added.
  - Annex B was added to consider the climate resiliency on glass when exposed to extreme conditions and
  - related to climate change.

What Is SGCC Working On?

- **Marketing Subcommittee (Chair Julia Schimmelpenningh) –** Industry Presence (Tabletops for GlassBuild), FAQ Published for Current and Prospective Participants and Consumers on SGCC website: https://sgcc.org/f-a-q, continue to monitor program growth (foreign vs. domestic)
- **Laminated Subcommittee (Chair Julia Schimmelpenningh) –** SGCC Accepted Interlayer List & Interlayer Thickness Measurement
- **Laboratory & QA Inspection Subcommittee (Chair Michelle Phan) –** Exploring **Heat Soak Certification** feasibility

Contact Us – www.igcc.org or email IGCC@amscert.com

Certification Testing Standards: ASTM E2190 – 2019

IGCC Things To Know

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- **Next Meeting –** *IGCC® 2027 Spring Certification Committee Meeting TBD;* More Info Coming Soon!
- **IGCC/IGMA and IGMAC –** The newest edition of combined certified products directory and normalized procedural guide was issued January 2026
- **CAN/CGSB 12.8 (Published) –** Will require the IGMAC Certification Committee's vote to be adopted for use in the IGMAC program

CAN/CGSB 12.8- Insulating Glass Units

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Published March 2026

- Supersedes CAN/CGSB-12.8-2017
- Code change request to reference 2026 edition has been submitted and accepted by Codes Canada
- Changes Since the Previous Edition
  - Normative references updated
  - Addition of terms and definitions section
  - Detailed requirements separated to general and detailed requirement sections
  - Addition of insulating glass units with a VIG lite (hybrid units)
  - Allowance for additional glass thicknesses
  - Addition of quadruple-glazed IGU with glass lites
  - Some revisions to this standard have been made to address the increase in extreme climate events across Canada
  - Revised testing methodology for High Humidity* & Weathering Cycling* Revised viewing methodology for Volatile Fog*
  - Revised Gas Concentration testing methodology*
  - Addition of Internal Components*
  - New annex on Climate Resiliency
  - New annex on Rapid Assessment Chamber (RAC)
  - New annex on Internal Components

  (*Harmonize with ASTM E2190)

What Is IGCC Working On?

- **Advanced Testing (RAC) Subcommittee (Chair Matt Waldren) –** Will help to **draft language regarding absolute pressure** for newest test method ballot and will work to outline absolute to gauge pressure data collection

- **Lab & Inspection Subcommittee (Chair Brian White)** – RAC Laboratory Audit Forms **Approved**

- **Guidelines & Equivalency Subcommittee (Chair Kenny White) –** Continue focus on **"Clarify, Simplify, Revamp"** of Procedural Guide, **G.25 Applied Surface Coatings** to the Cavity Facing Surface of an IGU Lite guideline Approved, **re-evaluate further clarification to G.24 Vision Glass Area** guideline, review current VIG certification practices, and further **clarify fabrication requirements for QUAD units**.

RAPID ASSESSMENT CHAMBER UPDATE

THE GOAL OF RAC

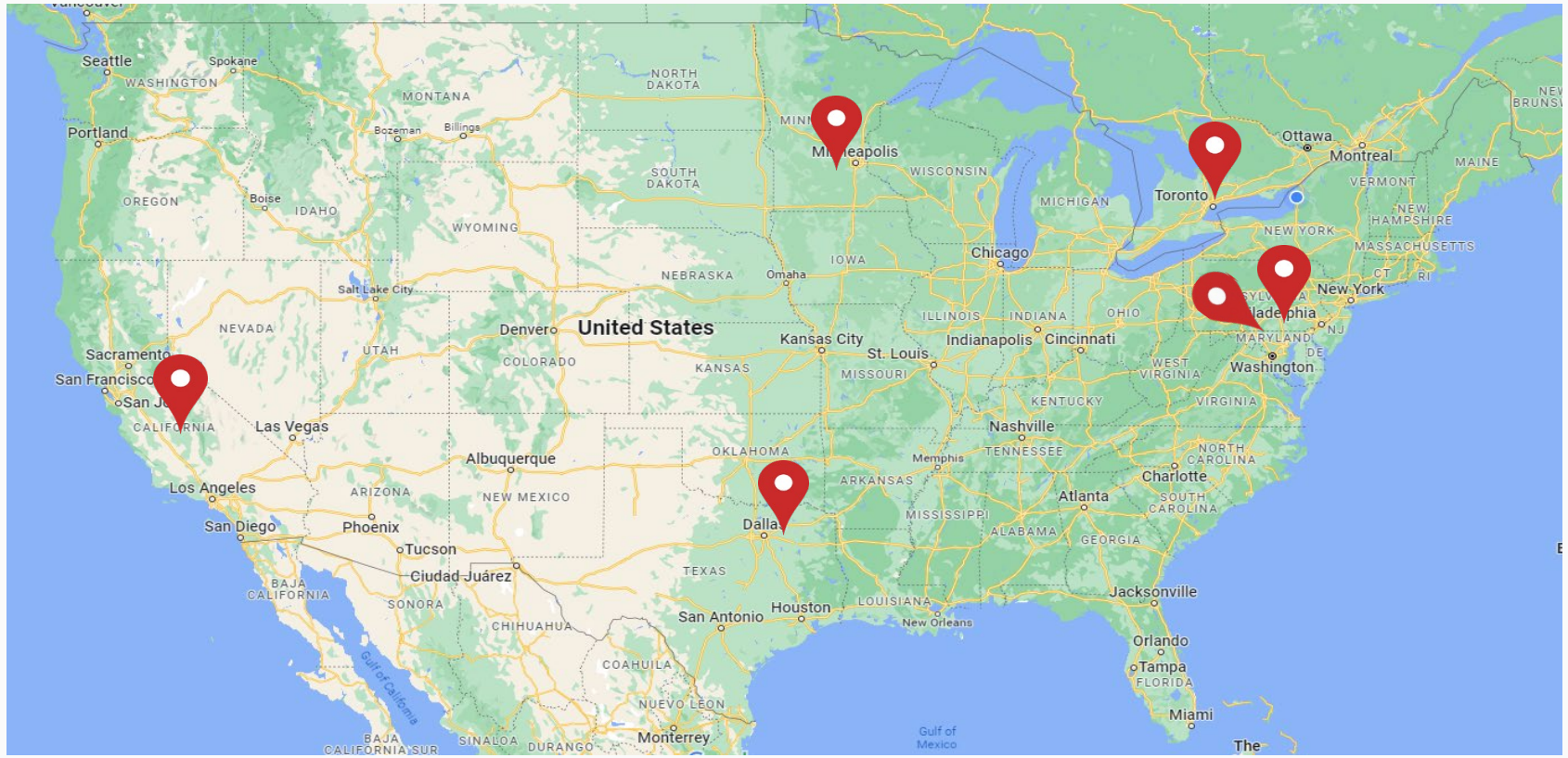
Test IG units to determine if defects are present (workmanship, materials, design, other) in 14 Days or less.

RAC – Orders on Hold

1. Accepting reservations
2. New Purchase Orders on hold
3. Seeking new Vendor for RACs
4. Goal is to begin filling orders by Q4 26’

Installation Map

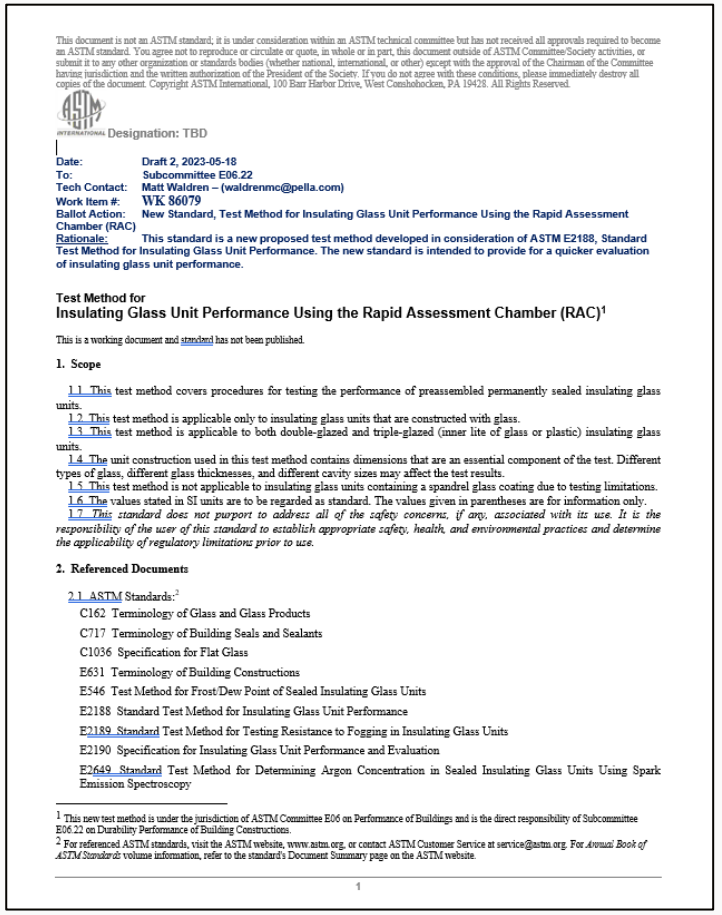
IGCC/IGMA Approved Laboratories



- Molimo York, PA
- Intertek York, PA
- Intertek Plano, TX
- Intertek Fridley, MN
- Intertek Fresno, CA
- CAN-BEST Brampton, ON
- PENDING CNSG, Beijing

ASTM Draft Standard – for RAC

- Document currently being used by the labs to test with the RAC
- Initially Proposed to ASTM 4/18/2023
- Work Item #86079 Assigned
- Third Round of Balloting Closed 10/9/2024, new ballot coming out soon
- Continue to review transition to Absolute Pressure and Incorporation into the Test Method



Designation: TBD

Date: Draft 2, 2023-05-18
To: Subcommittee E06.22
Tech Contact: Matt Waldren – (waldrenmc@pella.com)
Work Item #: WK 86079
Ballot Action: New Standard, Test Method for Insulating Glass Unit Performance Using the Rapid Assessment Chamber (RAC)
Rationale: This standard is a new proposed test method developed in consideration of ASTM E2188, Standard Test Method for Insulating Glass Unit Performance. The new standard is intended to provide for a quicker evaluation of insulating glass unit performance.

Test Method for
Insulating Glass Unit Performance Using the Rapid Assessment Chamber (RAC)[1]

This is a working document and standard has not been published.

1. Scope

1.1. This test method covers procedures for testing the performance of preassembled permanently sealed insulating glass units.
1.2. This test method is applicable only to insulating glass units that are constructed with glass.
1.3. This test method is applicable to both double-glazed and triple-glazed (inner lite of glass or plastic) insulating glass units.
1.4. The unit construction used in this test method contains dimensions that are an essential component of the test. Different types of glass, different glass thicknesses, and different cavity sizes may affect the test results.
1.5. This test method is not applicable to insulating glass units containing a spandrel glass coating due to testing limitations.
1.6. The values stated in SI units are to be regarded as standard. The values given in parentheses are for information only.
1.7. *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1. ASTM Standards:[2]
C162 Terminology of Glass and Glass Products
C717 Terminology of Building Seals and Sealants
C1036 Specification for Flat Glass
E631 Terminology of Building Constructions
E546 Test Method for Frost/Dew Point of Sealed Insulating Glass Units
E2188 Standard Test Method for Insulating Glass Unit Performance
E2189 Standard Test Method for Testing Resistance to Fogging in Insulating Glass Units
E2190 Specification for Insulating Glass Unit Performance and Evaluation
E2649 Standard Test Method for Determining Argon Concentration in Sealed Insulating Glass Units Using Spark Emission Spectroscopy

[1] This new test method is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.22 on Durability Performance of Building Constructions.
[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

CORRELATION DATA

Data is still being collected, all information provided is **preliminary, and **no final determination** of correlation can be made at this time.

IGCC's Provisional Certification

RAC Testing By Set		2190 Testing By Set	
# Fabricated	78 Sets	# Fabricated	78 Sets
Completed Both RAC & 2190 Testing: 74 Sets			
Passed Both RAC & 2190		48	**61/74 Sets**
Failed Both RAC and 2190		13	
Passed RAC but failed 2190		6	**13/74 Sets**
Failed RAC but Passed 2190		7	
			82% Correlation

AGMT & NACC Activities

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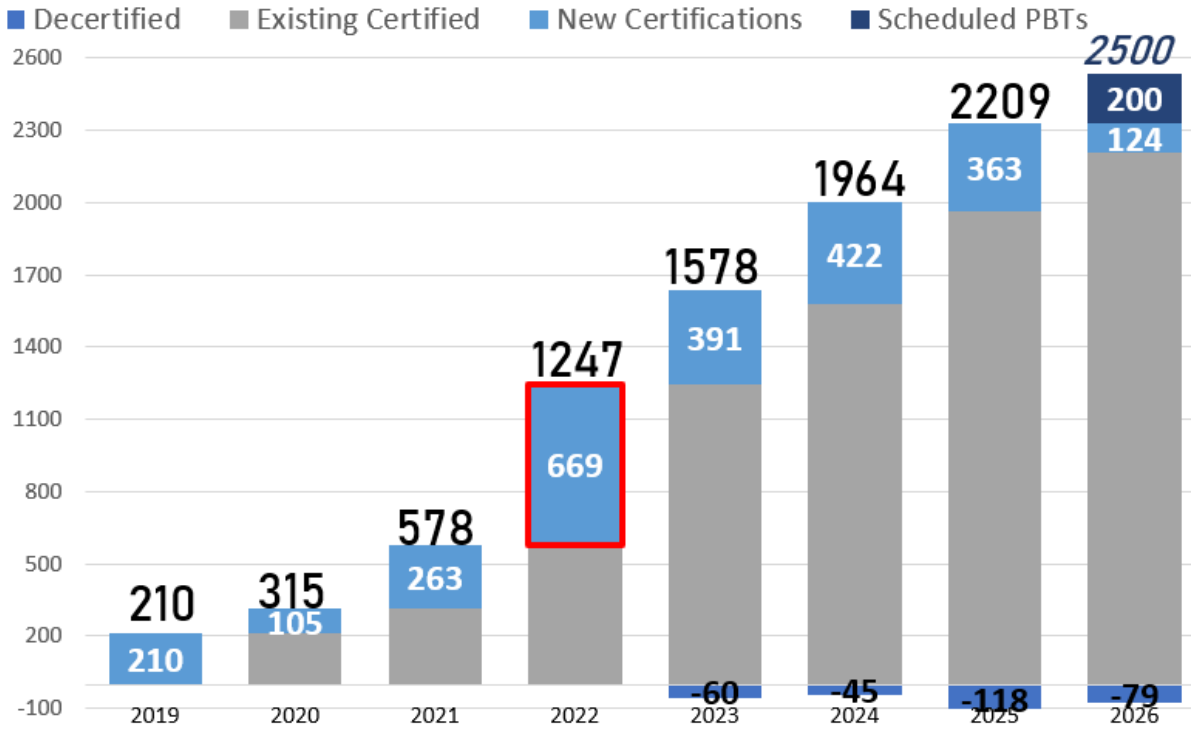
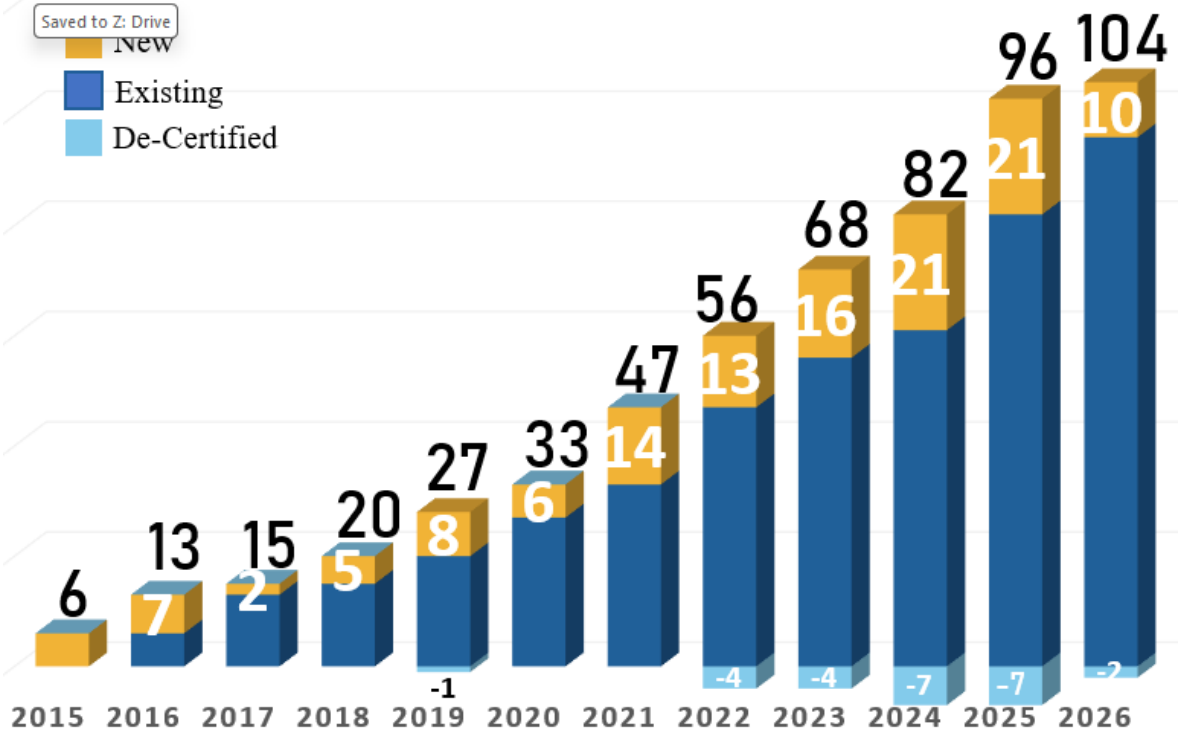


NACC North American Contractor Certification



AGMT Architectural Glass & Metal Technician CERTIFICATION PROGRAM

- Continued steady growth – **Total 2265 Certified**
- **Live** TESTING at **GlassBuild America**!
- **Scholarships** to cover 50% of testing fees for candidates

NACC North American Contractor Certification

- **10 New** NACC Certified Contractors YTD with 22 Pending
- **104 Total** NACC Certified Contractors currently
- Rhode Island & Oregon have passed legislation
- **Washington State** is next state expected to require NACC/AGMT on publicly funded glazing projects.

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