

# NGA GLASS CONFERENCE™ CARLSBAD

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FEBRUARY 3-6, 2025



# Certification Program Update – February 2025

**IGMA** INSULATING  
GLASS  
MANUFACTURERS  
ALLIANCE

***igmac***  
CERTIFICATION

Administered By:

**AMS, Inc.**

205 West Main St., P.O. Box 730  
Sackets Harbor, New York 13685

E-mail: [staff@amscert.com](mailto:staff@amscert.com)

Phone: (315) 646-2234

Website: [www.amscert.com](http://www.amscert.com)

**SGC**  
safety glazing  
certification council

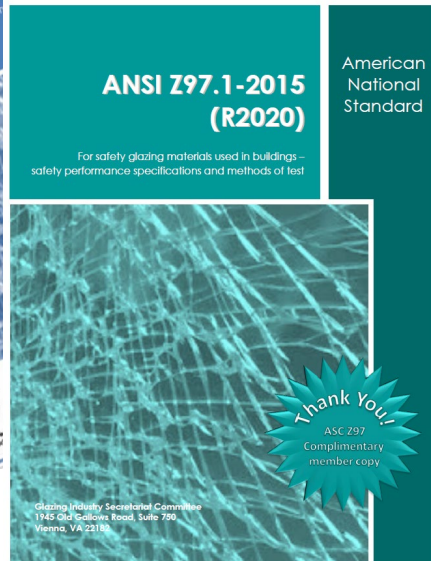
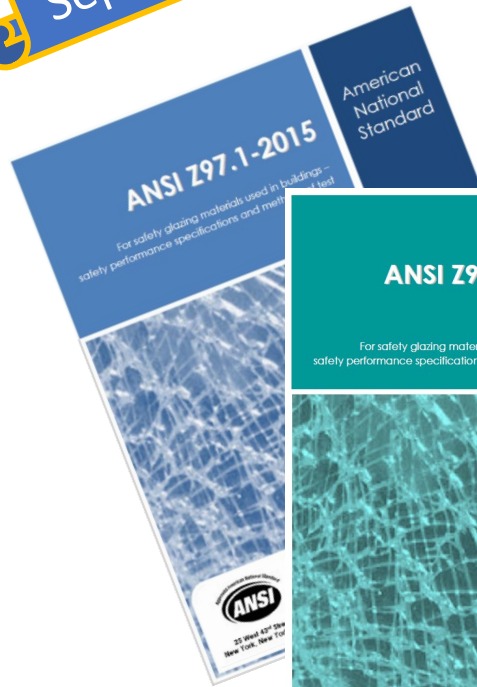
INSULATING GLASS  
**IGCC**<sup>®</sup>  
CERTIFICATION COUNCIL

ANSI Z97.1  
Published  
September 2015  
**Reaffirmed**  
September 2020



CPS 16 CFR 1201

CAN/CGSB – 12.1-  
2022  
Published  
February 2022



**PART 1201—SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS**

**Subpart A—The Standard**

Sec.

- 1201.1 Scope, application and findings.
- 1201.2 Definitions.
- 1201.3 General requirements.
- 1201.4 Test procedures.
- 1201.5 Certification and labeling requirements.
- 1201.6 Prohibited stockpiling.
- 1201.7 Effective date.



# Safety Glazing Materials Used in Buildings



# CAN CGSB – Committee on Glass

- Marg Webb (FGIA retired) remains Chair
  - CAN/CGSB 12.1 - Safety Glazing (in process) – working to maintain harmonization with Z97.1
    - As of 12/4/2024 Draft version went out for “60-day Public Review” (closes 2/3/2025)
    - Changes since the previous edition:
      - Expanded classifications to include a section on vacuum insulating glass (VIG)
      - 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.
      - Climate resiliency added

# CAN CGSB – Committee on Glass (con't)

- CAN/CGSB 12.8 - Insulating Glass Units

- As of 12/24/2024 Draft version went out for “60-day Public Review” (closes 2/22/2025)

Changes have been made:

- Normative references updated
- Addition of terms and definitions section
- Addition of insulating glass units with a VIG lite (hybrid units)
- Allowance for additional glass thicknesses\*
- Addition of Quads with glass lites
- Revised testing methodology for HH\* & Weathering Cycling\*
- Revised viewing methodology for Volatile Fog
- Revised Gas Concentration testing methodology\*
- Addition of Internal Components\*
- **New** annex on Climate Change
- **New** annex on Rapid Assessment Chamber (RAC)
- **New** annex on Internal Components
- **Removed** Annex on Optional Initial Seal Test
- **Removed** Annex on Failure Analysis for Gas-Filled (water immersion technique)

*\*harmonize with ASTM E2190*

- CAN/CGSB 12.20 - Structural Design of Glass in Buildings (in process)

- Under Committee Comment period

- All standards must be published Spring 2026.

# CPSC 16 CFR 1201

## PART 1201 - SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS

**Authority:** Secs. 2, 3, 7, 9, 14, 19, Pub. L. 92-573, 86 Stat. 1212-17; (15 U.S.C. 2051, 2052, 2056, 2058, 2063, 2068).

**Source:** 42 FR 1441, Jan. 6, 1977, unless otherwise noted.

### Subpart A - The Standard

#### § 1201.1 Scope, application and findings.

- (a) **Scope.** This part 1201, a consumer product safety standard, prescribes the safety requirements for glazing materials used or intended for use in any of the following architectural products:
- (1) Storm doors or combination doors.
  - (2) Doors.
  - (3) Bathtub doors and enclosures.
  - (4) Shower doors and enclosures.
  - (5) [Reserved]
  - (6) Sliding glass doors (patio-type).

16 CFR 1201.1(a)(6) (enhanced display)

page 1 of 13

#### § 1201.4 Test procedures.

Except as provided in §§1201.1(c) and (d), architectural glazing products shall be tested in accordance with all of the applicable test provisions of **ANSI Z97.1-2015** “*American National Standard for Safety Glazing Materials Used in Building—Safety Performance Specifications and Methods of Test*,” approved March 2015. The Director of the Federal Register approves the incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You may obtain a copy from ANSI Customer Service Department, 25 W. 43rd Street, 4th Floor, New York, NY 10036. You may inspect a copy at the Office of the Secretary, U.S. Consumer Product Safety Commission, Room 820, 4330 East West Highway, Bethesda, MD 20814, telephone 301-504-7923, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

[81 FR 15431, Mar. 23, 2016]

# ASC Z97 Committee Leadership

## SECRETARIAT (GISC)

(Lindsey Merryman, Kayla Natividad, Ilona Schmidt)

- Apply for accreditation
- Oversee consensus body for compliance
- Maintain roster
- Provide secretary
- Submitting standards to ANSI
- Secretariat submits budget to SC

## OFFICERS

Chair – Kent

Vice Chair – **Open**

Secretary\* – Julia Schimmelpenningh

- \*Appointed by secretariat
- Subject to approval by majority vote of CB (Chair & Vice-Chair)

## STEERING COMMITTEE

(Urmilla Sowell, John Kent, Julia Schimmelpenningh)

- Propose standards
- TI's
- Overall supervision
- Establish general policies
- Adopting & implementing procedure
- Membership review
- Financial responsibility
- Propose Task Groups Schedule

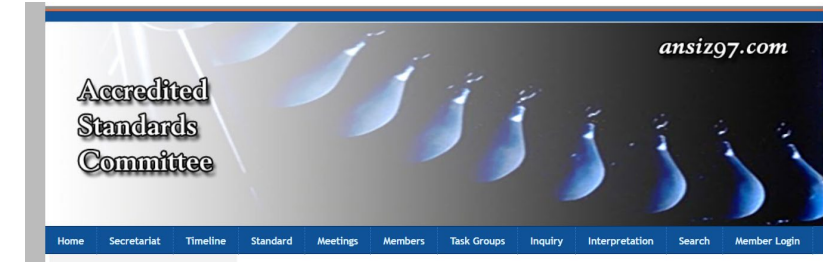
## CONSENSUS BODY

(The Committee – 31 Members)

- ❖ Voting on the standard
- ❖ Maintaining the standard
- ❖ Adopting policies
- ❖ Other matters

# ASC Z97 Committee Update

## ANSI Z97.1-2015 (R2020)



- **September 26<sup>th</sup>, 2024 - Full Committee**

- A. Request volunteers for vice chair (looking to fill following audit)**

- B. Plan forward –**

- 1. DRAFT full standard balloted, comments being resolved
    - 2. Target publication with moderate revisions (ANSI Z97.1-2025)
    - 3. Target 2030 significant revisions

- C. Task Groups formed & Scopes Drafted**

- 1. Test Method and/or Specification – (Ilona Schmidt – Corning)
      - 1. Proposed wording included in 2025 ballot – Section 1.3 Limitations updated based on data
    - 2. New Alternate Impactor – (Michelle Phan – Cardinal) – **In Progress for 2030**
      - a. Durometer and geometry determination of head form progressing
    - 3. ASTM reference vs. language in std. (Urmilla Sowell – NGA)
      - 1. Proposed wording included in 2025 ballot – final editorial to be completed upon document approval from Full Committee
    - 4. Misc. Issues (Scott Norville – GI)
      - 1. Proposed updates included in 2025 ballot.

- **Update from January 30<sup>th</sup> meeting**

- **Committee membership ballots in progress. Currently out of balance. Actively soliciting non “Fabricator/Distributor” members - Apply Here: <https://www.ansiz97.com/members#>**

Next Committee Call – 2<sup>nd</sup> Quarter 2025



# SGCC<sup>®</sup> Certification - Current Activities

Contact Us – [www.sgcc.org](http://www.sgcc.org) or email [SGCC@amscert.com](mailto:SGCC@amscert.com)

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

- **Next Meeting** – *SGCC<sup>®</sup> 2025 Annual Certification Committee Meeting* **September 23-24<sup>th</sup>** in **Fort Worth, Texas**
  - Jon Griggs with Guardian has been appointed Certification Committee Vice Chairman
  - If interested in joining the SGCC Board of Directors, the application is available on our website- <https://sgcc.org/contact-us>
- **Administrative Activity** – *To reference memos issued, please visit:* <https://sgcc.org/memos>
  - **Audits** – Over 600 F25 (First Half of 2025) Issued January '25, audits continue to be completed both Virtual (Remote) and In-Person (Physical)
  - **New Laminated Glass Certification Changes** – Live as of July 1, 2024; **new labeling requirements are mandatory as of July 1, 2025**. Laboratories were updated regarding any laminated test sample processing changes, these have also been outlined in the [SGCC Lab Manual \(SD-060\)](#)
  - **Certified Products Directory** – Issued in January '25, electronic only
  - **CAN CGSB 12.1** - Draft circulated to SGCC participants for public comment, comment period open from **Dec. 4, 2024 – Feb. 3, 2025**
- **Subcommittee Activity**
  - **Marketing Subcommittee** – Mission statement and objectives defined, initial focus improving Search Engine Optimization and how to deliver on objectives set forth.
  - **Laminated Subcommittee**– Clarification of test sample construction for approved interlayers and equivalency of model formulation

# IGCC®/IGMA® Certification Activities

Contact Us – [www.igcc.org](http://www.igcc.org) or email [IGCC@amscert.com](mailto:IGCC@amscert.com)

Certification Testing Standards – ASTM E2190 – 2019

- **Next Meeting** – *IGCC® 2025 Spring Certification Committee Meeting May 6-7<sup>th</sup>, 2025 in Niagara Falls, Canada*
- **IGCC/IGMA and IGMAC** – Normalized procedural guide approved and ready for implementation January 31, 2025. The combined certified products directory and normalized procedural guide will be issued early Feb. 2025
- **Administrative Activity** – To reference memos issued, please visit: <https://igcc.org/reviewed-components-memos.aspx>
  - **Audits** – ~362 F25 (First Half of 2025) Issued January ‘25, audits continue to be completed both Virtually (Remote) In-Person (Physical)
  - **CAN CGSB 12.8** - Draft circulated to IGCC and IGMAC participants for public comment, comment period open from **Dec. 24, 2024 – Feb. 22, 2025**
- **Subcommittee Activity** –
  - **Advanced Testing (RAC) Subcommittee** – IGCC approved expanding RAC fabrication through Licensing and continues to collect and evaluate correlation data to define path forward
  - **Guidelines & Equivalency Subcommittee** – Focus on “Clarify, Simplify, Revamp” of Procedural Guide, continue to finalize testing/certification of Multi-Cavity units, reevaluate guidelines related to allowable IGU component changes (i.e. bonding surface)
  - **Laboratory Subcommittee** – Gas content measurement (ASTM), testing capacity, lab manual updates (Thermal Breakage, Retention of Units) . The latest lab manual can be found here on the IGCC website: <https://igcc.org/documents/610.pdf>



# Rapid Assessment Chamber Update

February 2025

## THE GOAL OF RAC

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

# 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
- Review of Ballot Comments in process, will submit for balloting soon.

This document is not an ASTM standard; it is under consideration within an ASTM technical committee but has not received all approvals required to become an ASTM standard. You agree not to reproduce or circulate or quote, in whole or in part, this document outside of ASTM Committee Society activities, or submit it to any other organization or standards bodies (whether national, international, or other) except with the approval of the Chairman of the Committee having jurisdiction and the written authorization of the President of the Society. If you do not agree with these conditions, please immediately destroy all copies of the document. Copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. All Rights Reserved.



INTERNATIONAL 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)<sup>1</sup>

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:<sup>2</sup>

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

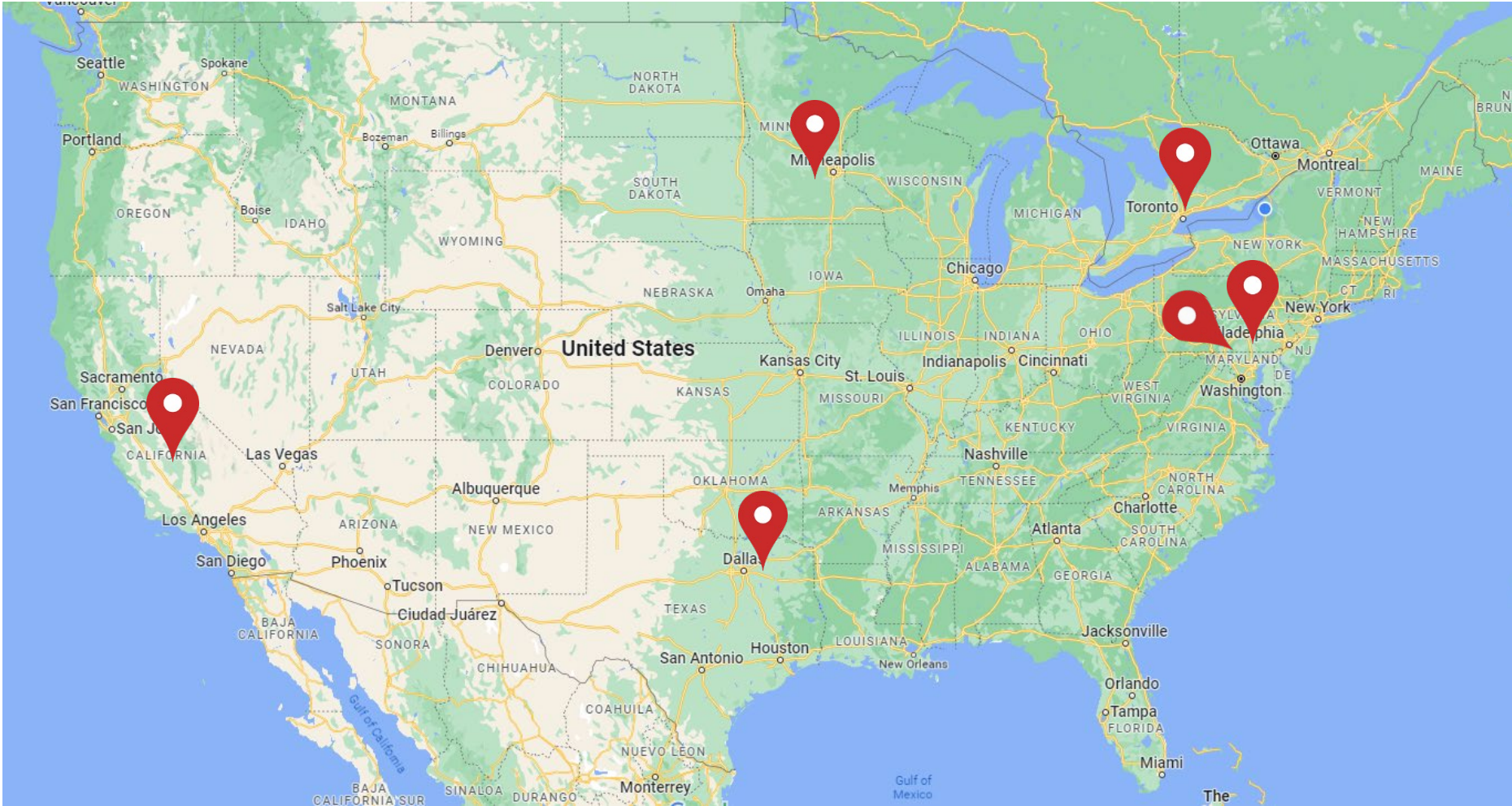
E2649 Standard Test Method for Determining Argon Concentration in Sealed Insulating Glass Units Using Spark Emission Spectroscopy

<sup>1</sup> 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.

<sup>2</sup> 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.



# 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

- 11 Chambers Delivered in 2023
- 11 Chambers Delivered in 2024

If you have interest in purchasing / receiving an RAC  
contact: **Mitch Majewski** ([mmajewski@amscert.com](mailto:mmajewski@amscert.com))

## Provisional Certification with the Rapid Assessment Chamber (RAC)

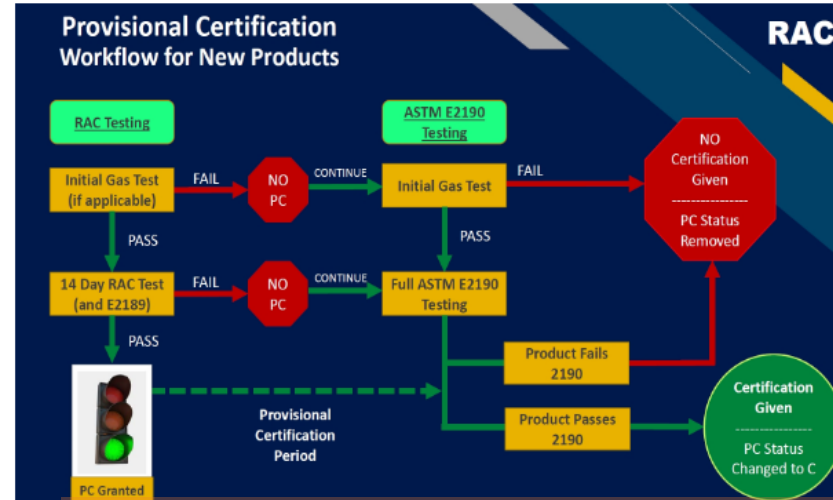
Steps to Certification

Certified Product Search

Join Our Mailing List

### The goal of RAC

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



### Reference Material

[2023.01.25 IGCC Rapid Assessment Chamber \(RAC\) and Provisional Certification \(PC\) Memo](#)

[ID-303 Provisional Certification - CN IG1010](#)

[ID-287 FAQ: IGCC Rapid Assessment Chamber \(RAC\) and Provisional Certification \(PC\)](#)

To purchase a RAC please contact [IGCC@amscert.com](mailto:IGCC@amscert.com)

<https://igcc.org/provisional-certification.aspx>

**Founded in 1977**  
Independent and impartial administration of accelerated laboratory testing and plant inspections to assure continuing quality product performance.  
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# Correlation Testing Results By Set

IGCC's Provisional Certification			
RAC Testing By Set		2190 Testing By Set	
# Fabricated	58 Sets	# Fabricated	58 Sets
<b>Completed Both RAC &amp; 2190 Testing: 37 Sets*</b>			
<b>Passed Both RAC &amp; 2190</b>	21	<b>30/37 Sets</b>	
<b>Failed Both RAC and 2190</b>	9		
<b>Passed RAC but failed 2190</b>	3	<b>7/37 Sets</b>	
<b>Failed RAC but Passed 2190</b>	4		
		<b>81% Correlation</b>	

\*3 Test Sets were Atypical and not counted. 2/3 test sets have completed both RAC and ASTM

\*\*These numbers are based on data that is in the early stages of collection, all information provided is preliminary, and no final determination of correlation can be made at this time.

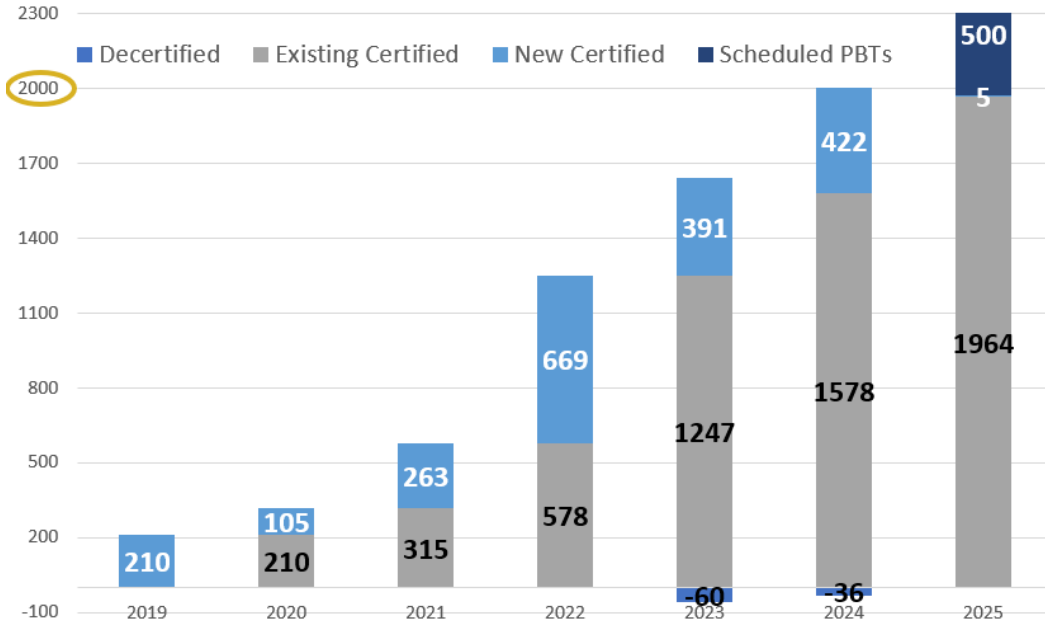




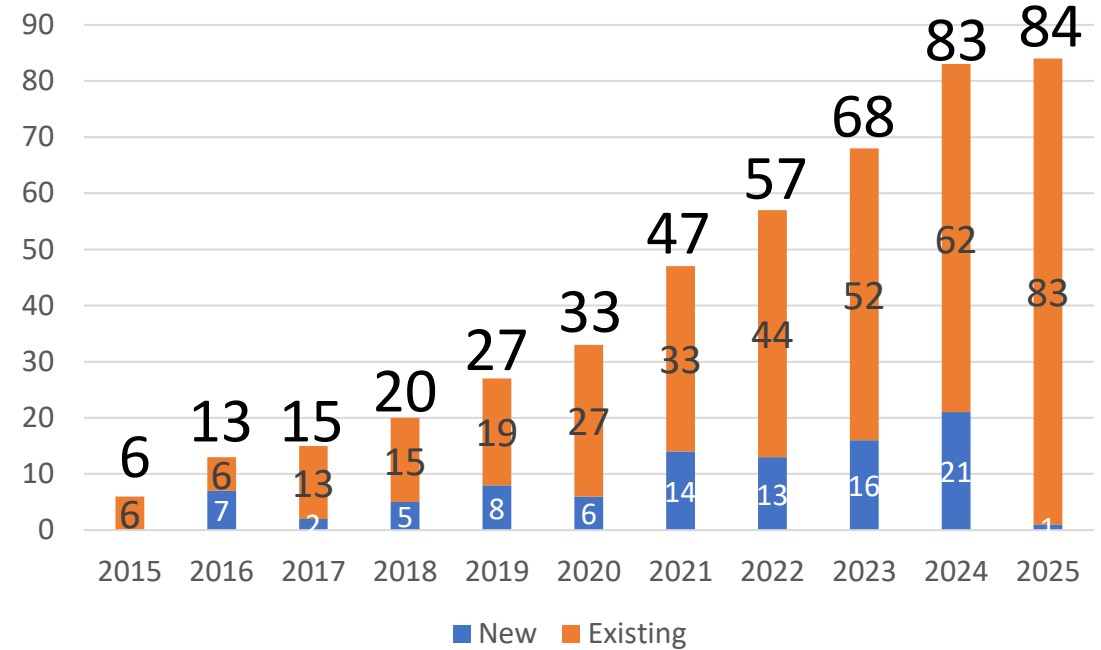
Architectural Glass  
& Metal Technician  
CERTIFICATION PROGRAM



### Certified Technicians Year over Year



### NACC Certified Glazing Contractors



- Continued steady growth (1969 Certified)
- Testing process continues to prove to be realistic and rigorous
- **Live TESTING** at **GlassBuild Orlando** in November!

- **22 New** NACC Certified Contractors in last 12 months
- **84 Total** NACC Certified Contractors
- **1702+ projects** with NACC in specifications in 2024 according to Dodge Construction Analytics  
(34% growth over 2023)



# NGA GLASS CONFERENCE™ CARLSBAD

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FEBRUARY 3-6, 2025





**FGIA<sup>®</sup>**

Fenestration & Glazing  
Industry Alliance

# FGIA UPDATE

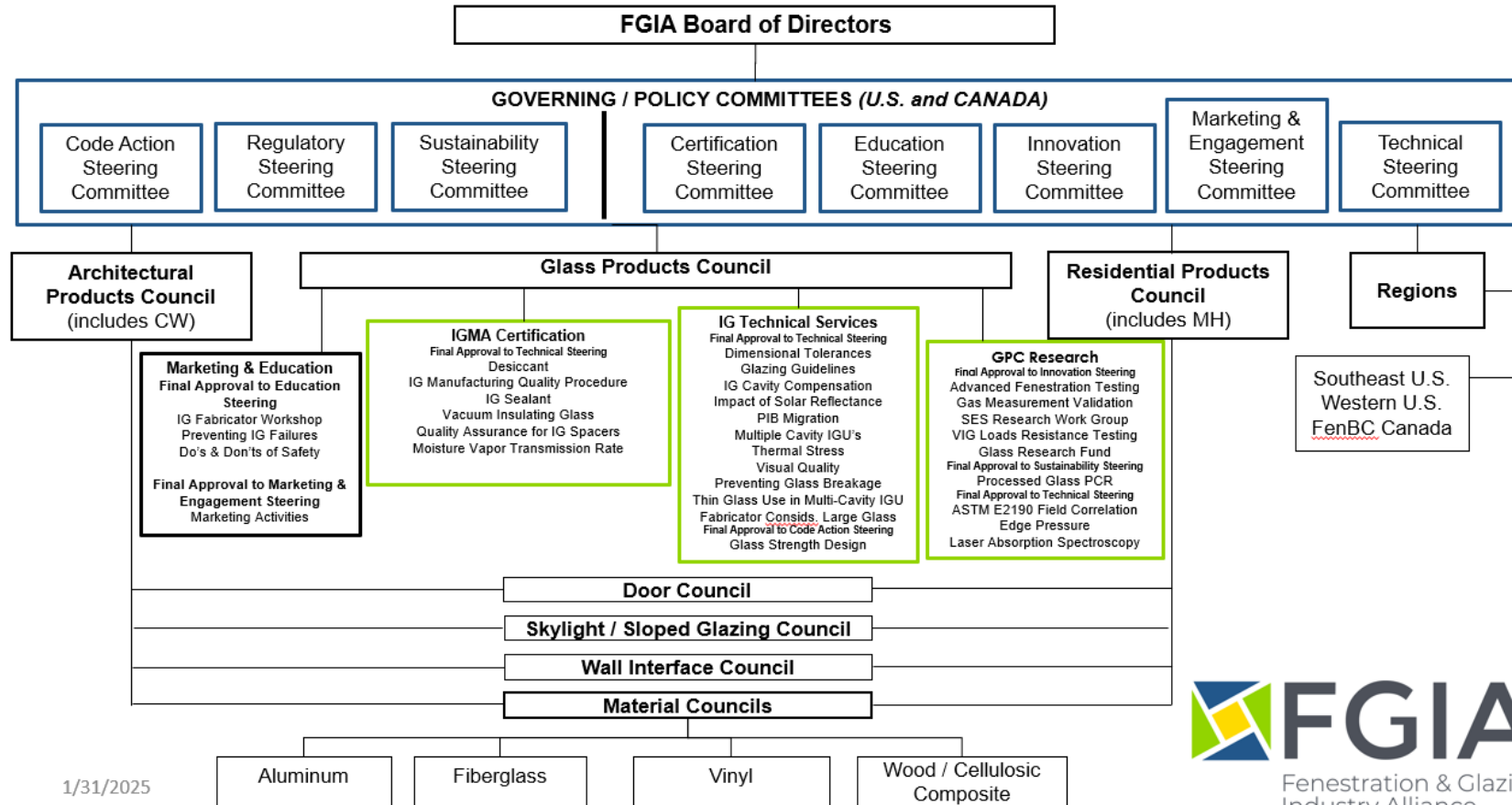
Amy Becker

Glass Products Specialist

[abecker@FGIAOnline.org](mailto:abecker@FGIAOnline.org)

# FGIA - Structure

## FGIA Organizational Chart



1/31/2025

# FGIA - Structure - GPC



## **FGIA Glass Products Council** *(formerly IGMA)*

### **IGMA Certification**

**Final Approval to Technical Steering**  
Desiccant  
IG Manufacturing Quality Procs. Procedure  
IG Sealant  
Vacuum Insulating Glass  
Quality Assurance for IG Spacers  
Moisture Vapor Transmission Rate

### **IG Technical Services**

**Final Approval to Technical Steering**  
Dimensional Tolerances  
Glazing Guidelines  
IG Cavity Compensation  
Impact of Solar Reflectance  
PIB Migration  
Multiple Cavity IGUs  
Thermal Stress  
Visual Quality  
Preventing Glass Breakage  
Thin Glass - Multi-Cavity IGU  
Fabricator Consids. Large Glass  
**Final Approval to Code Action Steering**  
Glass Strength Design

### **GPC Research**

**Final Approval to Innovation Steering**  
Advanced Fenestration Testing  
Gas Measurement Validation  
SES Research Work Group  
VIG Loads Resistance Testing  
Glass Research Fund

**Reports to Sustainability Steering**  
Processed Glass PCR

**Final Approval to Technical Steering**  
ASTM E2190 Field Correlation  
Edge Pressure  
Laser Absorption Spectroscopy



# GPC - Document Highlights

- Close to Publication:

- IGMA TB-1200 - *Guidelines for IG Dimensional Tolerances*
- IGMA TM-1500 - *Guidelines to Reduce Instances of Thermal Stress*

- At Ballot:

- IGMA TM-3100 - *Guidelines for the Identification of Visual Obstructions in the Cavity Space of an IGU*
- IGMA TM-2000 - *Quality Assurance for IG Box Spacers*
- IGMA TM-1300 - *Design Considerations for Multiple-Cavity IGUs*
- IGMA TR-3401 - *Preventing Glass Breakage During IG Design, Manufacture, Transport, Installation and Use*



FGIA<sup>®</sup>

Fenestration & Glazing  
Industry Alliance

# AAMA - Document Highlights

- *AAMA 2502-24, Comparative Analysis Procedure for Window and Door Products*
  - This updated specification document provides engineering procedures for calculating the structural capacity of fenestration products that vary from the tested product in size and design pressure.
- *AAMA 910-24, Life Cycle Specifications and Test Methods for AW Class Windows and Doors*
  - This updated specification document is intended to model, through accelerated testing, the normal wear that can be expected during the life of a typical AW Class window or door.



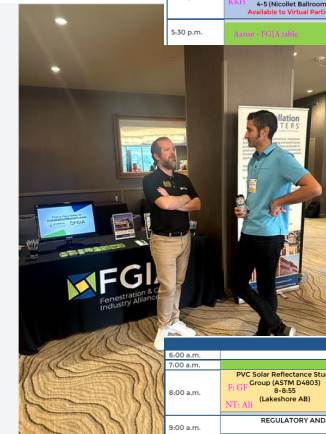
# FGIA Education Highlights

- **Now Available from FGIA Education: FenestrationMasters 3.0 Professional Certification Program**
- *New Edition Covers NAFS Canadian Supplement, Canadian Codes and Energy, Insulating Glass*
  - **Join the nearly 500 certified individuals who have received this credential**
  - **Two ways to achieve this professional certification:**
    - **Associate Level - introductory content**
    - **Master Level - focus on advanced content**
  - Two topics included in 3.0 Curriculum are also available for individual purchase: **Specifying Windows, Doors and Skylights Using NAFS** and **Fundamentals of Insulating Glass**



# FGIA FALL CONFERENCE HIGHLIGHTS

- Sustainability
    - Industry-Wide LCA Study
    - Present State and Future of EPDs
    - Embodied Carbon Legislation
  - Product Showcase
    - Show off latest products
    - Hyper-focused segment of industry
    - Chance to learn about latest industry innovations
- AND MUCH MORE!**



THURSDAY, SEPTEMBER 19, 2024				
7:00 a.m.	DELUXE CONTINENTAL BREAKFAST 7-8 (NorthStar Ballroom AB, 2nd Floor)			
8:00 a.m.	KKH/AR	CODES REPORT   U.S. AND CANADIAN NEWS AND UPDATES (FM 1)   Available to Virtual Participants 8-8:55 (Nicollet Ballroom BC)		
9:00 a.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
10:30 a.m.	FAmy B NT, AR	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
11:00 a.m.	FAmy B NT, AR	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
11:30 a.m.	JOINT ARCHITECTURAL PRODUCTS COUNCIL, GLASS PRODUCTS COUNCIL, AND RESIDENTIAL PRODUCTS COUNCIL FORUM 11:30-12 (Nicollet Ballroom BC)			
12:00 p.m.	CLOSING GENERAL SESSION WITH FGIA BOARD OF DIRECTORS ACTION ITEMS   Available to Virtual Participants 12-12:15 (Nicollet Ballroom BC)			
12:30 p.m.	FAmy B NT, AD	FGIA BOARD OF DIRECTORS EXECUTIVE SESSION   12:30-2:30 (Lakeshore AB)		

TUESDAY, SEPTEMBER 17, 2024				
6:00 a.m.	Walk/Run 6:00 am - Meet in the hotel's lobby to join the FGIA Group led by Josh Wignall			
7:00 a.m.	DELUXE CONTINENTAL BREAKFAST 7-8 (NorthStar Ballroom AB, 2nd Floor)			
8:00 a.m.	OPENING GENERAL SESSION AND GENERAL MEMBERSHIP MEETING   Available to Virtual Participants 8-8:55 (Nicollet Ballroom BC)			
9:00 a.m.	FAmy B NT, LB	FAmy B NT, LB	FAmy B NT, LB	FAmy B NT, LB
10:00 a.m.	FAmy B NT, LB	FAmy B NT, LB	FAmy B NT, LB	FAmy B NT, LB
11:00 a.m.	WHAT DO WE NEED TO KNOW WHEN IT COMES TO NEW COMMERCIAL ENERGY CODES IN MINNESOTA?   Available to Virtual Participants 11-11:45 (Nicollet Ballroom BC)			
12:00 p.m.	LUNCH   12-1 (NorthStar Ballroom AB, 2nd Floor)			
1:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
2:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
3:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
4:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
5:30 p.m.	FGIA Product Showcase and Reception   NorthStar Ballroom AB, 2nd Floor 5:30-7:00 (Set up for Exhibitors starts at 5:10 am)			

WEDNESDAY, SEPTEMBER 18, 2024				
6:00 a.m.	Walk/Run 6:00 am - Meet in the hotel's lobby to join the FGIA Group led by Josh Wignall			
7:00 a.m.	DELUXE CONTINENTAL BREAKFAST 7-8 (NorthStar Ballroom AB, 2nd Floor)			
8:00 a.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
9:00 a.m.	REGULATORY AND LEGISLATIVE REPORT   U.S. AND CANADIAN NEWS AND UPDATES (FM 1)   Available to Virtual Participants 9:00-10:25 (Nicollet Ballroom BC)			
10:30 a.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
11:30 a.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
12:00 p.m.	LUNCH   12-1 (NorthStar Ballroom AB, 2nd Floor)			
1:00 p.m.	PREVENTING FOREVER CHEMICAL POLLUTION IN MINNESOTA (FM 1)   Available to Virtual Participants 1-1:55 (Nicollet Ballroom BC)			
2:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
3:00 p.m.	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD	FAmy B NT, AD
4:00 p.m.	UNDERSTANDING HOW FEDERAL AND STATE EMBODIED CARBON LEGISLATION CAN IMPACT YOUR BUSINESS 4-4:45 (Nicollet Ballroom BC)   Available to Virtual Participants			
5:00 p.m.	FGIA Oktoberfest (Fun Night) at Surly Brewery   5:00-8:30 (Dimmer, Beer, Live Music, Cash Bar for cocktails) 5:00-8:30 (Dimmer, Beer, Live Music, Cash Bar for cocktails) 5:00-8:30 (Dimmer, Beer, Live Music, Cash Bar for cocktails) 5:00-8:30 (Dimmer, Beer, Live Music, Cash Bar for cocktails)			



# FALL CONFERENCE HIGHLIGHTS

## GPC Meetings and Networking Receptions and Wall Interface Workshop





# FALL CONFERENCE HIGHLIGHTS - FUN



## Freddie & the Fenestrators



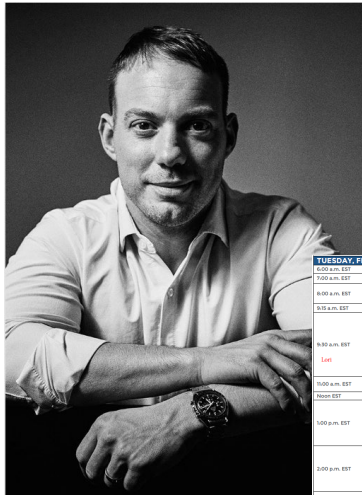
# FALL CONFERENCE HIGHLIGHTS - FUN NIGHT





# 2025 FGIA Annual Conference

Orlando, FL



## • Highlights include:

- Seminar on the Impacts of Canadian Code Changes and Updated Standards - CSA A440S1, CSA S520:22

- Barriers to High-Performance Fenestration Adoption in Non-Residential and Multifamily Buildings and a Blueprint for Market Transformation by our very own Helen Sanders

- Roundtable discussion Installation Instructions, Needs and Methods

- Backstop Calculations and Complexity - Building, Energy, Stretch Codes in Mass. By Chris Grey from SGH

TUESDAY, FEBRUARY 18, 2025			
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WEDNESDAY, FEBRUARY 19, 2025			
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Orlando, FL



- Highlights include:

- Aluminum Profiles from the Ground Up hands-on workshop

- Safe Manufacturing of Hurricane Resistant Products session sponsored by the Fenestration Safety Committee

- FGIA US and Canadian Codes Updates as well as the US and Canadian news and Updates for the Regulatory and Legislative Report

- Annual Awards Ceremony



# New FGIA Summer Conference Format

Beginning Summer 2025 - June 16 - 18, 2025

## Fully Virtual

- New Structure
- Focus on delivering high-value information through
  - Speakers
  - Industry Reports
  - Presentations
  - No working meetings
  - Residential and Commercial Tracks



# THANK YOU !!



A business card for Amy Becker, Glass Products Specialist at Fenestration & Glazing Industry Alliance. The card has a red top section with the FGIA logo. Below, it lists her name, title, and organization. Contact information includes an email address and a phone number, each with a corresponding icon.

**Amy Becker**  
Glass Products Specialist  
*Fenestration & Glazing Industry Alliance*

 [abecker@fgiaonline.org](mailto:abecker@fgiaonline.org)

 +1 717 309 4124



The logo for the Fenestration & Glazing Industry Alliance (FGIA). It features a stylized geometric icon on the left composed of blue, green, and yellow shapes. To the right, the letters 'FGIA' are written in a large, bold, dark grey font with a registered trademark symbol. Below this, the full name 'Fenestration & Glazing Industry Alliance' is written in a smaller, grey font.

**FGIA<sup>®</sup>**  
Fenestration & Glazing  
Industry Alliance