



safety glazing certification council

P.O. BOX 730

SACKETS HARBOR, N. Y. 13685

PHONE 315-646-2234

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**MINUTES OF NINETY-THIRD  
MEETING OF THE  
CERTIFICATION COMMITTEE &  
PARTICIPANTS MEETING  
OCTOBER 1<sup>st</sup>, 2020  
VIRTUAL ONLINE**

**Members and Alternates Present**

AGC Glass North America  
Aluminum Technology Auxiliary Industries  
Cardinal Glass  
Cardinal  
Cardinal IG  
Consolidated Glass Corp.  
Comercial Dialum SA  
Glass Enterprises, Inc.  
GlassecViracon  
Gulf Glass Industries, LLC  
Intigral  
Intigral  
Intigral  
Intigral  
J.C Moag Corporation  
Nashville Tempered Glass Corp.  
Oldcastle BuildingEnvelope  
Oldcastle BuildingEnvelope  
Oldcastle BuildingEnvelope  
Press Glass, Inc.  
Robover  
Technical Glass & Aluminum Co. LLC  
Technical Glass Company  
Templados Del Centro SA DE C.V.  
Trulite  
Trulite  
Vetrodomus SpA  
Viracon  
Vitemex  
VITRO S.A.B. de C.V.  
VITRO S.A.B. de C.V.  
W.A Wilson  
Wolverine Glass Products

Mark Cody  
Varun C.R.  
Bernie Herron  
Michelle Phan  
DJ Weil  
Shane Merryman  
Rozas Erick  
Joshua Burg  
Renato Santana  
Pascoal Dsilva  
Allen Feltes  
Mark Hutchinson  
Robert Rhodes  
Mike Greci  
Katy Matthews  
Richard Paschel  
Jason Fisher  
Robert Williams  
Rick Wright  
Adrian Wezgowiec  
Tommy Fortier  
Ankit Nagpal  
Ahmad Tawalbeh  
Omar Abraham Martinez  
Ray Wakefield  
Jeff Haberer  
Paolo Cotelli  
Brian Louks  
Edgar Alonso de la Cruz  
Santiago De La Torre Garc  a  
Julian Carlos Zorrilla  
Time Moore  
Chelsie Cowles

**Date and Votes Present**

**10/1/2020**

X  
X  
X  
Present  
Present  
X  
X  
X  
X  
Present  
Present  
X  
X  
X  
X  
Present  
Present  
X  
X  
X  
X  
X  
X  
Present  
X  
X  
X  
X  
Present  
X  
X

**Members by Virtue of Being a Director**

Public Interest  
Public Interest  
Public Interest  
Public Interest  
Public Interest

Elaine Rodman  
Peter Weismantle  
Bill Nugent  
June Willcott  
Patrick Loughran

Absent  
X  
X  
X  
X  
X

**Votes**

**28**

**Guests**

Bowser-Morner, Inc	Kevin Savage	Present
DJ Cooper Consulting LLC	David Cooper	Present
Fountains of Palm Beach	Lisa Segarra	Present
Glass Exchange	John King	Present
H.B Fuller	Chris Davis	Present
H.B Fuller	Michael Speicher	Present
Intertek	Dan Johnson	Present
Intertek	Virgal Mickley	Present
Intertek	Baldeep Sandhu	Present
Intertek	Matthew Small	Present
Intertek	Kenny White	Present
Intertek	Sandy DiCaro	Present
Intertek	Sergiu Toaca	Present
Kuraray America, Inc.	Vaughn Schauss	Present
Molimo, LLC	Nate Young	Present
Molimo, LLC	Lance Cunningham	Present
NGA	Urmilla Sowell	Present
Sekisui S-LEC America	Joshua Chirieac	Present
Topman Contracting Inc.	Annie Jiang	Present

**Administrative Staff**

AMS, Inc.	John Kent	Present
AMS, Inc.	Kelly Jenness	Present
AMS, Inc.	Mitch Majewski	Present
AMS, Inc.	Katrina Stafford	Present
AMS, Inc.	Kristin Best	Present
AMS, Inc.	Sara Connor	Present
AMS, Inc.	Abby Putnam	Present
AMS, Inc.	Terry Schaefer	Present
AMS, Inc.	Tonya Schmitte	Present
AMS, Inc.	James Shannon	Present

**Persons Present**

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**66**

## MOTIONS

Agenda Item #	Ref #	Motion/Second	Motion	Vote A/N/A	P/F
4 Minutes	10.1.20.1	Mark Hutchinson / June Willcott	Approve the minutes from the October 9 <sup>th</sup> and 10 <sup>th</sup> , 2019 meeting in Northbrook (Chicago), IL	UA	P
10 Remote Audits	10.1.20.2	Mark Hutchinson / Bernie Herron	Approve revised SGCC procedural guide audit wording for 2021 and forward as written below: <i>After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. <b>In consideration of public health concerns one or both twice per year audits can be conducted virtually.</b> During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.</i>	27/0/1	P

## ASSIGNMENTS & DISCUSSIONS (Action Items)

No.	Assigned	Details	Due Date
7 CPD	AMS	Received feedback from the group that a modified version of the hardcopy could be a possibility for reducing the overall size/weight of the CPD. Will continue to work with the Board.	
7 Website	AMS	There was general support to include interlayer supplier links and information on the SGCC website. Regarding listing industry consultants, it was suggested to link to NGA’s website to provide a list.	
9 Testing Results	AMS	Continue efforts to make this data available ‘real time’ to the participants in the CIP (username and password required). Also, when charting failure by thickness and glass type (Temp/Lami) chart failure as % of total tests.	
14 Coated Glass	AMS	Consensus to stay with the original plan but move the implementation out a year. Therefore L21: Voluntarily submitting Metalized Coated (MC) Glass F22: Ongoing submission of MC samples L22: (July 1 <sup>st</sup> , 2022) Fabricators that wish to SGCC Certify MC glass must have completed testing. Clear will no longer cover coating unless MC testing has been performed.	Fall 2021
14 Coated Glass	AMS	Topic for Fall 2021 Meeting to review Coated glass wording for the SGCC Procedural Guide and Laboratory Manual.	Fall 2021
15 SGCC Labels	AMS	Will move to send selection labels to Certified plants electronically	2021

	All	<b><u>Next Meeting</u></b> will be held in Naples Florida area (if public health conditions allow) with a hybrid virtual option. The proposed target date: September 29 - 30, 2021.	
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**Attachments are included with initial meeting material or attached hereto if changed during the meeting.**

## **Certification Committee Meeting Agenda**

### **Business Reports**

1. Call to Order and Self Introduction of Participants and Guests
2. Voting Rights and Responsibilities
3. (M) Review and Approval of Previous Meeting Minutes
4. Legal Counsel's Report
5. Committee Structure
6. Board of Directors Report
7. Administrator's Report
8. Quick Action Sub-Committee Report

### **Topics**

9. Program Testing Results Review
10. (M) Remote Audits
11. ANSI Z97.1, CPSC, CAN/CGSB 12.1
12. Testing Laboratories
  - a. Laboratory Approval Status
  - b. Lab Manual Revision
  - c. Lab training Exam
13. QA requirements, SGCC Test equipment support
14. (M) Coated Glass
15. (M) Selection Labels
- ~~16. (M) Inactive Status~~
17. Bird Friendly Glass
18. Old/New Business
19. Next Meeting
20. Participants Meeting – The meeting was called to order by President Brian Louks. The slate of proposed Board nominees as listed below was presented. Additional nominations were requested. Hearing none, a motion was made by Mark Cody / June Willcott to approve the slate of directors (listed below) for a 1-year term  
**Vote: Unanimous affirmative – Motion Passes**  
 Hearing no old or new business the meeting was adjourned.

<b>Business Community</b>	<b>Public Interest</b>
Brian Louks - Viracon	William Nugent
Jeff Haberer - Trulite	Elaine Rodman
Mark Cody – AGC	Peter Weismantle
Bernie Herron – Cardinal	June Willcott
Mark Hutchinson – Intigral	Patrick Loughran

# 2020 SGCC® Certification Committee Virtual Meeting

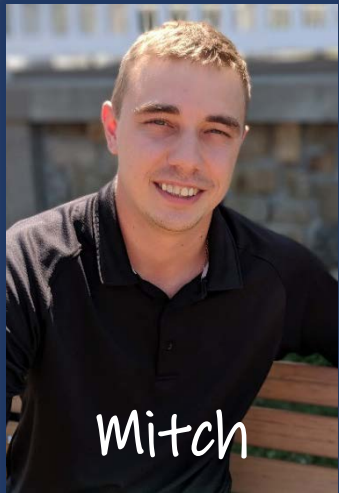


## List of Registered Attendees (as of 10/1/2020) – 51 Registered

First Name	Last Name	Company Name:
Mark	Cody	AGC Glass North America
varun	cr	Alutec w.l.l.
Kevin	Savage	Bowser-Morner, Inc.
Michelle	Phan	Cardinal
Bernie	Herron	Cardinal Glass Industries
DJ	Weil	Cardinal IG
Shane	Merryman	Consolidated Glass Corporation
Erick	Rozas	Cristales Dialum
David	Cooper	DJ Cooper Consulting LLC
Lisa	Segarra	Fountains of Palm Beach
Joshua	Burg	Glass Enterprises, Inc.
John	King	Glass Exchange
Renato	Santana	GlasseCViracon
Pascoal	Dsilva	Gulf Glass Industries Limited UAE
Dan	Johnson	Intertek
Virgal	Mickley	Intertek
baldeep	sandhu	Intertek
Matthew	Small	Intertek
Kenny	White	Intertek
Sandy	DiCaro	Intertek - Pittsburgh Lab
Sergiu	Toaca	Intertek, Lachine-Montreal, Canada
Allen	Feltes	Intigral
Mark	Hutchinson	Intigral
Robert	Rhodes	Intigral
Mike	Greci	Intigral Inc
Katy	Matthews	J.C. MOAG CORPORATION

First Name	Last Name	Company Name:
Vaughn	Schauss	Kuraray America, Inc.
Lance	Cunningham	Molimo, LLC
Richard	Paschel	NASHVILLE TEMPERED GLASS (SpecGlass LLC)
Urmilla	Sowell	NGA
Jason	Fisher	Oldcastle BuildingEnvelope
Robert	Williams	Oldcastle BuildingEnvelope
Rick	Wright	Oldcastle BuildingEnvelope
Peter	Weismantle	Peter Weismantle LLC
Adrian	Wezgowiec	Press Glass Inc.
Tommy	Fortier	Robover
Joshua	Chirieac	Sekisui S-LEC America
Ankit	Nagpal	TECHNICAL GLASS & ALUMINIUM CO LLC
Ahmed	Tawalbeh	TECHNICAL GLASS COMPANY (TECHNOGLASS)
Omar Abraham	Martinez	Templados del Centro S.A. de C.V.
Annie	Jiang	Topman contracting Inc
Ray	Wakefield	Trulite Glass & aluminum Solutions Canada ULC
Jeffery	Haberer	Trulite Glass & Aluminum Solutions, LLC
Paolo	Cotelli	Vetrodomus
Brian	Louks	Viracon
Edgar	de la Cruz	Vitemex
Santiago	De La Torre García	VITRO S.A.B. de C.V.
Julian Carlos	Zorrilla	VITRO S.A.B. DE C.V.
Tim	Moore	W A Wilson
June	Willcott	Willcott Engineering, Inc.
Chelsie	Cowles	Wolverine Glass Products

# Staff Introductions



# 1- Call to Order and Agenda – SGCC Certification Committee

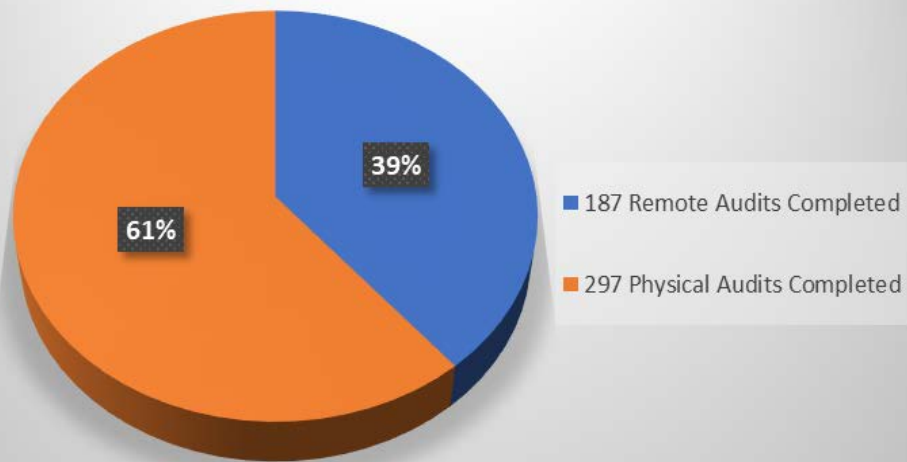
**BY DIRECTION OF: MARK B. CODY, SGCC CERTIFICATION COMMITTEE CHAIRMAN**

1. Call to Order and Self Introduction of Participants and Guests
2. Voting Rights and Responsibilities
3. (M) Review and Approval of Previous Meeting Minutes
4. Legal Counsel's Report
5. Committee Structure
6. Board of Directors Report
7. Administrative Report
8. Quick Action Sub-Committee Report
9. Program Testing Results Review
10. (M) Remote Audits
11. ANSI Z97.1, CPSC, CAN/CGSB 12.1
12. Testing Laboratories
  - a. Laboratory Approval Status
  - b. Lab Manual Revision
  - c. Lab training Exam
13. QA requirements, SGCC Test equipment support
14. (M) Coated Glass
15. (M) Selection Labels
16. ~~(M) Inactive Status~~
17. Bird Friendly Glass
18. Old/New Business
19. Next Meeting
20. Participants Meeting

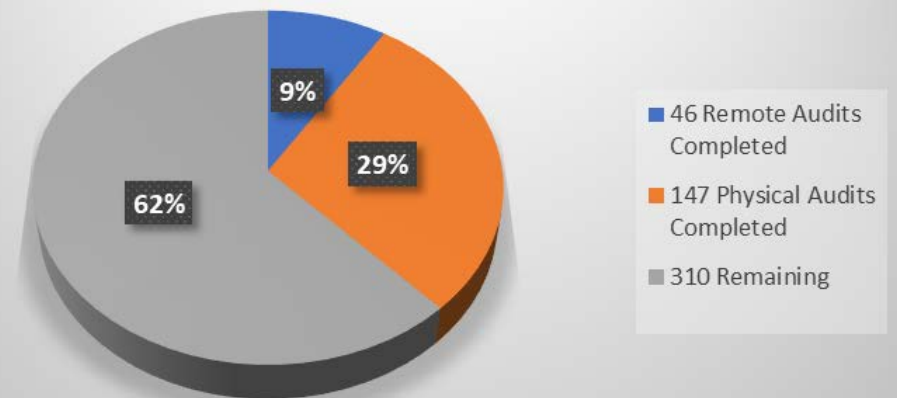
# SGCC—Business as usual... mostly



**F20 SGCC Audit Summary**



**L20 SGCC Audit Summary  
(as of 9/29/2020)**



# 2 - Determination of Quorum, Voting rights

## Excerpt from SGCC By-Laws

### Purpose of SGCC

1. To **promote public safety** by encouraging maintenance of the highest standards of excellence in the manufacture of safety glazing materials.
2. To encourage and **cooperate in developing standards** related to other performance characteristics of glazing products.
3. To plan, organize, direct, coordinate and **maintain a certification program** for glazing materials to assure that glazing products meet applicable standards or performance requirements, adopted or approved by the Council.

### Certification Committee Voting Eligibility

- Board members
- Licensees (Certified Companies)
- Participants (w/ signed agreement)

### Quorum

- **10** Certification Committee members

*Link to SGCC By Laws:*



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Document

# 2 - Determination of Quorum, Voting rights

## Excerpt from SGCC By-Laws

### **SGCC Conflict of Interest Policy**

- A. All matters of the SGCC certification program are conducted in an independent, third party, impartial manner free from conflict of interest. SGCC Board members have a duty of loyalty to SGCC. Board Members shall not have any relationship with any other business or person which conflicts with (or creates the appearance of conflicting with) the proper performance of their duties or responsibilities, or might affect their independent judgment with respect to transactions between SGCC and another business or person.
- B. Conflict of Interest could arise if an SGCC Board Member receives improper personal benefits as a result of his or her position with SGCC. Such persons should not accept payments, gifts, entertainment, personal discounts or other favors that may appear to place them under some obligation to a third party dealing or desiring to deal with SGCC. Similarly, an SGCC Board Member should not give any such payments, gifts, entertainment, personal discounts, or other favors to customers or suppliers. For example, this rule prohibits the payment or receipt of bribes, kickbacks or illegal payments of cash. Certain customary business courtesies, such as covering the bill for lunch or dinner in connection with a business meeting, normally would not violate this policy. SGCC Board members, however, should try to keep such courtesies on a reciprocal basis in order to show that no gift or favor is sought or granted.

### **Voting Rights and Responsibilities**

- A. Participation in SGCC meetings and in casting any vote throughout the certification program operations shall be deemed to indicate full understanding of, and agreement to abide by, the above policies and principles regarding impartiality, avoiding conflicts of interest when voting, and respecting confidentiality as appropriate and requested in light of the duty of loyalty to the SGCC not-for-profit corporation.

# 3- Approval of Minutes

## Motions

Agenda Item #	Ref #	Motion/ Second	Motion	Vote	P/F
4 Minutes	10.9.19.1	Hutchinson/ Cody	Approve minutes of the October 3 <sup>rd</sup> and 4 <sup>th</sup> , 2018 meeting in Rockwall (Dallas), TX	UA	P
12 ANSI Z97.1	10.9.19.2	Weismantle/ Rodman	Despite reaffirmation of the ANSI Z97.1-2015 standard (ANSI Z97.1-2015 (R2020)), SGCC shall maintain certification and labelling to the ANSI Z97.1-2015 standard. If an SGCC Licensee wished to label to ANSI Z97.1-2015 (R2020), it would be acceptable (since content of each standard is identical).	UA	P
13A Lab Status	10.9.19.3	Hutchinson/ Herron	Motion to re-approve list of SGCC approved testing laboratories as presented for another 2 year period contingent on continued performance and compliance to SGCC requirements.	UA	P
18 Plant Relocation	10.10.19.1	Rodman/ Weismantle	To accept new Guideline G.XX Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made/fabricated. An SGCC Licensee shall notify SGCC prior to a plant's physical relocation. Relocation requires certification as a new plant and will require new SGCC numbers and testing at the new plant prior to granting of the new certification. Consistent with the SGCC License agreement and procedural guide, fabrication and labelling must occur at the same facility.	UA	P

## Assignments

No.	Assigned To	Assignment	Due Date
6	AMS	Urmilla requested to be placed on Lab and QA Sub-committee, verify with chair and add.	2019
10, 11	All and Lab & QA	Group was asked what other <u>data points</u> from the SGCC program may be helpful, possibly to make available real time in CIP. All to submit suggestions to John Kent for consideration by Lab and QA Sub-committee.	ASAP
14	Lab & QA	There was general support for moving forward with mandatory testing of <u>coated tempered product</u> . The feel was to start with some basic process, collect data, then possibly adjust. The Lab and QA Sub-committee shall develop requirements for the testing of coated product.	2020

# 3- Approval of Minutes

## Assignments continued

No.	Assigned To	Assignment	Due Date
15	Lab & QA	After the glass breakage demonstration earlier, the group felt additional clarification was needed on the follow topics for the <u>plant QA and testing requirements</u> passed at the 2018 meeting, to be implemented 1/1/2020. The Lab and QA Sub-committee shall address. <ol style="list-style-type: none"> <li>1. Sample clamping (containment)</li> <li>2. More precise direction on 12-foot drop height and +/- tolerance</li> <li>3. Guidance on how to do lower drops</li> <li>4. Clarification on spall measurement</li> <li>5. Clarification of frequency of testing and number of samples to test.</li> </ol>	1/1/2020
16	AMS	After discussing if there was need for some type of 3 <sup>rd</sup> party process to verify <u>heat soaking</u> , the group re-affirmed they did not feel this was consistent with the purpose of SGCC.	N/A
17	Lab & QA	<ol style="list-style-type: none"> <li>1. With implementation of the new SGCC plant QA and testing requirements, there likely will be a need to define tests that may be considered acceptable alternatives to SGCC's references to ANSI and ASTM for <u>Production testing</u> (defined as the mandatory in-plant testing required by SGCC QA and Testing requirements). The Lab and QA Sub-committee was asked to consider developing a list.</li> <li>2. The group also considered review of other QA testing (non-mandatory) but decided not to pursue this at this time rather choosing to stay with the following position:  While SGCC does not require or endorse many forms of in-plant quality testing, SGCC recognizes the value of such tests and supports testing beyond SGCC mandatory testing as a viable option for QA.</li> </ol>	2020
19	AMS	Suggestion was made that the use of " <u>Purchase Orders</u> " at time of SGCC audit may be better than the current SGCC paper selection labels for SGCC independent lab test sample selection. AMS will send info to the fabricators present during the discuss for further consideration.	2020
	All	<u>Next Meeting</u> will be held in Naples Florida area September 30 <sup>th</sup> -October 1 <sup>st</sup> , 2020 with 2021 being planned for Niagara-on-the-Lake in October.	2020

## Agenda #3: Proposed Motion -

Motion to approve the minutes from the October 9<sup>th</sup> and 10<sup>th</sup>, 2019 meeting in Northbrook (Chicago), IL

[Link to Full Meeting Minutes:](#)



Acrobat  
Document

### Motion

1<sup>st</sup>: Mark H.  
 2<sup>nd</sup>: June W.  
 Vote:  
UA / 0 / 0 **P**

# SGCC Remembrances of Bill Hannay

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*It was such a sad moment for me to hear of Bill's passing. He was such an interesting man who delighted us with his many stories. Legally, he was the best man we could have had all these years. He will be missed by so many. –Elaine Rodman*

*This is devastating news. Bill was such an important contributor to SGCC. I looked forward to seeing him at our annual meetings. Dinners and meetings will not be the same without him. He will be sorely missed. –Bernie Herron*

*I am so sorry to hear. I am pleased for the time I/we shared with him and his wife. Did I mention, Richard and I are so sorry to hear. I will raise a glass to Bill to our dear friend. –June Willcott*

*This is indeed extremely sad news. He was such a character. I hope his family finds comfort in knowing how many lives he touched in such a positive manner while he was with us. Truly an industry loss, but more a loss to human-kind. –Julia Schimmelpenningh*



# SGCC Remembrances of Bill Hannay



## Naked Lunch: The Musical

June 1-3, 2017 -- Chicago

In 1965, the last big obscenity trial of the 20th century targeted William S. Burroughs' controversial novel, "Naked Lunch." But Jack Kerouac, Allen Ginsberg, and Norman Mailer – the gurus of the Beat Generation – rose to its defense, testifying in favor of free speech, free thought, and free love.

Now this iconic trial is an original musical comedy called "Naked Lunch: The Musical." Written and directed by Bill Hannay with music composed by Damon Baker, the show is a song-strewn courtroom comedy that features publishers, prudes, professors, and poets facing off against each other to sing their testimony attacking or praising the book. The music ranges from Bach to Broadway, from rock to tango.

One critic called it "a clever, consistently funny musical" featuring "hilarious" songs. The lyrics and "beautiful melodies ... have a Gilbert and Sullivan feel," and "[t]he First Amendment questions raised by the musical are timeless." -- Victoria Ordin, *Cabaret Scenes*.

The cast includes talented performers from the Chicago area and around the country, recreating their roles from the show's 2016 performances in New Haven and Los Angeles.

For three nights only, this raucous send-up of a uniquely American effort to muzzle a "dirty book" will be presented at:

**Saint Sebastian Players, 1625 W. Diversey (just west of Ashland) in Chicago**  
**Thursday, Friday, and Saturday, June 1, 2, and 3 at 8:00 pm.**

Purchase tickets online at <http://www.brownpapertickets.com/event/2891715>.

*This is very sad news. As noted by Marci below, Bill had a love for theater from his college years that always brought him and the people around him tremendous pleasure. Just a few years ago I went to see "Naked Lunch", a musical, based on the book of the same name, that was directed, produced and performed by Bill. What a treat. Let me tell you it was the best performance by any member of the SGCC community I have ever seen! He will be dearly missed. -Patrick Loughran*

*Bill was unique in many ways. Not only did he enjoy every aspect of his life, both professionally and personally, but he excelled in each. Both SGCC and FTI would not be the organizations they are today without his steady and thoughtful input. He was more than each organizations lawyer, he was a member of our professional family. This sounds funny, but I will especially miss his reading of the antitrust compliance guidelines at the commencement of our meetings. He always did it with just the right amount of gravitas that said to me that it was time to get down to business. Patrick's e-mail did not mention that in addition to directing, producing and performing in Naked Lunch; Bill also authored the play and wrote the lyrics to all its songs! I've attached the announcement with a photo that includes Bill sitting at the defense lawyers' bench to the right, looking a bit like Clarence Darrow. Bill will truly be missed. -Peter A. Weismantle*

# 4 – Legal Report

## SGCC Antitrust Compliance Program Guidelines

### SGCC ANTITRUST COMPLIANCE GUIDELINES

A. It is the policy of SGCC to **comply fully** with the antitrust laws applicable to trade association activities.

B. In furtherance of this policy, all SGCC meetings are attended by SGCC legal counsel, and the SGCC's officers, directors, and Administrator periodically consult with SGCC legal counsel.

C. **Each participant** in SGCC activities has a **responsibility to avoid** any improper conduct from an antitrust standpoint. The following guidelines will assist in meeting this responsibility.

1. SGCC meetings are held **solely to manage and operate SGCC** and its **certification program**, in accordance with SGCC's corporate purposes, the SGCC Bylaws, and the Certified Products Directory.

2. No participant in SGCC activities, including the certification program and standards development efforts (such as ANSI Z97.1), should attempt to misuse his or her position within SGCC to gain an unfair competitive advantage on behalf of his or her company.

3. To avoid antitrust problems (either civil or criminal), the **following legally sensitive subjects should not be discussed** by competitors at or during SGCC meetings:

a. Future marketing plans of specific competitors;

b. Any complaints or business plans relating to specific customers, suppliers, geographic markets or products;

c. Agreements between competitors to allocate markets, customers or products;

d. Agreements between competitors to refuse to deal with a supplier or a customer;

e. Purchasing plans or bidding plans (except privately between two parties with a vertical commercial relationship such as supplier and customer); or

f. Current or future price information and pricing plans, bidding plans, refund or rebate plans, discount plans, credit plans, specific product costs, profit margin information or terms of sale.

Any question regarding the legality of a discussion topic or business practice should be brought to the attention of **SGCC** legal counsel\* or your company's individual legal counsel.

*Link to SGCC Antitrust Guideline:*



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# 5 - Committee Structure

SGCC Board of Directors		President: Brian Louks
Scope: The overall affairs of the Council shall be managed by its Board of Directors.		
<b>Members</b>		
<u>Public Interest</u>	<u>Business Community</u>	
June Willcott - Vice President	Brian Louks - President	
Elaine Rodman - Treasurer	Shane Merryman - Secretary	
Peter Weismantle	Jeff Haberer	
William Nugent	Mark Cody	
Patrick Loughran	Bernie Herron	

Sub Committee: Certification Committee	Chair: Mark Cody
Scope: It shall be the duty of this Committee to formulate, review, administer and apply a certification program for the Council.	
<b>Members</b>	
All Licensees and Board Members	

Sub Committee: Quick Action	Chair: Mark Cody
Scope: Between meetings resolution of any issue, appeal or request for review that can not be dealt with by the administrator or is beyond the guidance provided to the Administrator or for which the Administrator has rendered a decision that is not acceptable by the applicant.	
<b>Members</b>	
SGCC President	Brian Louks
Certification Committee Chair	Mark Cody
Public Interest	June Willcott

Sub Committee: Time and Place	Chair: Elaine Rodman
Scope: Canvas for scheduled meetings of glass and associated industry meetings; develop a list of possible locations and specific dates for future meetings for submittal to participants for vote. Maintain SGCC marketing plan.	
<b>Members: Sub-Committee of the Certification Committee</b>	
Rick Wright	

Sub Committee: Nominating	Chair: Richard Paschel	Public Interest Member: Peter Weismantle
Scope: The Nominating sub committee is a subcommittee of the Board and appointed by the President to research and present a slate of SGCC Board nominees and officers for the annual SGCC participants meeting.		

# 5 - Committee Structure

Sub Committee: <b>Marketing</b>		Chair: <b>Open</b>
Scope: Formulate & maintain SGCC marketing plan, & website, & any other promotional activity that may arise.		
<b>Members: Sub-Committee of the Board</b>		
Rick Wright - OBE	June Willcott – Public Interest	
Mark Cody - AGC	Bernie Herron - Cardinal	
Peter Weismantle – Public Interest		

Sub Committee: <b>Laboratory and QA Inspection</b>		Chair: <b>Michelle Phan - Cardinal</b>
Scope: Address and resolve concerns related to the interrelationship between the laboratories, the administrator, and SGCC participants. Development and maintenance of the laboratory testing manual and program quality assurance requirements.		
<b>Members: Sub-Committee of the Certification Committee</b>		
Mark Cody - AGC	Mark Hutchinson - Intigral	
Rick Wright - OBE	Jeff Haberer - Trulite	
Brian Louks - Viracon	Bill Nugent – Public Interest	
Julie Schimmelpenningh - Eastman	Urmilla Sowell - NGA	
Tim Moore – Standard Bent Glass		

Sub Committee: <b>Laminated Glass Review</b>		Chair: <b>Rick Wright - OBE</b>
Scope: Review SGCC guidelines for the certification of Laminated Glass		
<b>Members: Sub-Committee of the Certification Committee</b>		
Julie Schimmelpenningh - Eastman	Vaughn Schauss - Kuraray	
Nicole Byre – SAGE	Bernie Herron - Cardinal	
Tim Moore – Standard Bent Glass	Mark Cody – AGC	
Jeff Haberer - Trulite		

## 6 – Board of Directors Report

### **Brian Louks - President/June Willcott – VP**

1. Board membership
2. Financial matters including investments and fees
3. Legal Counsel representation
4. ANSI ISO 17065 accreditation
5. ANSI Z97.1 ... 2025
6. Marketing and website

# 7 – Administrative Report

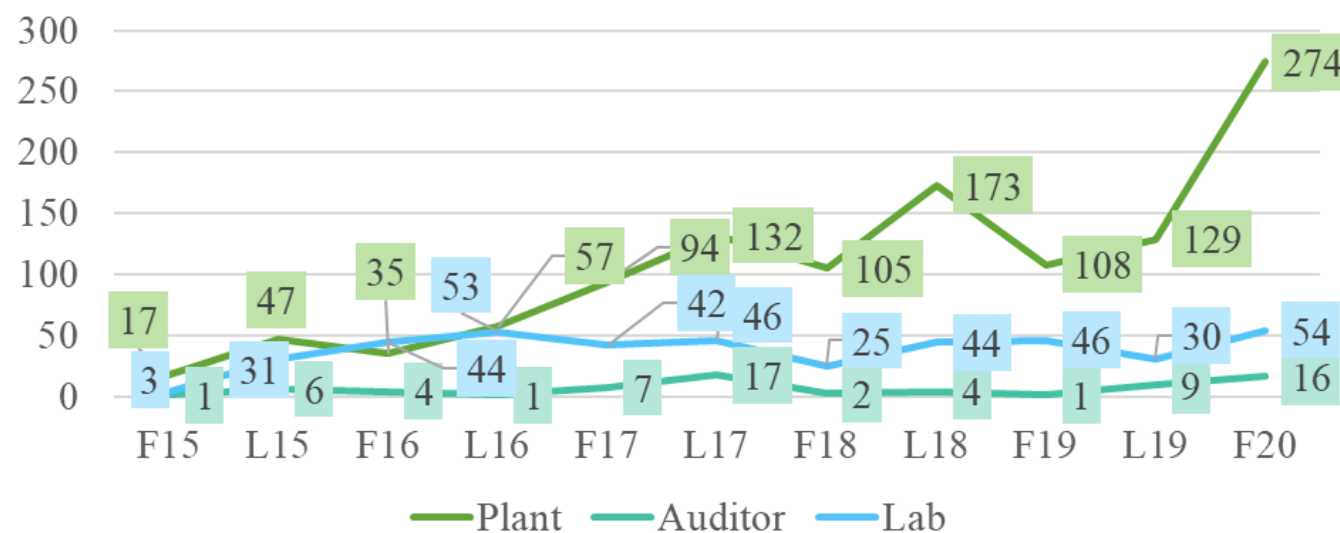
## Certified Products Directory (CPD)

January – Hard copy printed and mailed, electronic copy distribution

July – Electronic copy distribution

January Hard Copies Printed	January Hard Copies Mailed	Electronic Copies Distributed		Subscription List (E-mail and Physical Addresses)
		January	July	
2250	2121	1775	1999	2549

Period over Period SGCC CAPA totals



	2015 As of Sept	2016 As of Oct	2017 As of Sept	2018 As of Sept	2019 As of Sept	2020 As of Sept
No. of Plants	331	368	412	459	494	512
% increase in Plants	+12%	+11%	+12%	+11%	+8%	+4%
Offshore Plants	89	105	111	141	155	162
% increase in Offshore Plants	+31%	+18%	+6%	+27%	+10%	+5%
No. of Licensees	229	240	283	335	376	399
Total Certified Products	2079	2306	2646	2837	3008	3197
% increase in Certified Products	+10%	+11%	+15%	+7%	+6%	+4%
Products ANSI ONLY	17	6	0	0	1	1
Products CPSC ONLY	0	0	0	0	0	0
Products COMPOSITE	1180	1196	1340	1420	1390	1401
Products COMP+CAN	882	1104	1306	1417	1617	1795
Plants COMP+CAN	110	141	175	197	238	266

Plant CAPA Numbers ↑

New Quality and testing requirements made mandatory 1/1/2020.

# Board Agenda #8 – SGCC Certified Products Directory

## Concern:

- As the program continues to grow the overall size/weight of the CPD has pushed us to a more expensive mailing category.
- Is the hardcopy print being used?

Poll 1: Which version of the CPD do you use  
50% electronic only  
29% electronic & hard copy  
21% hard copy only



In consideration of this: All historical CPD copies are available on the SGCC website

Option 1: Leave CPD as we currently have it (January: hardcopy & electronic, July: electronic only)

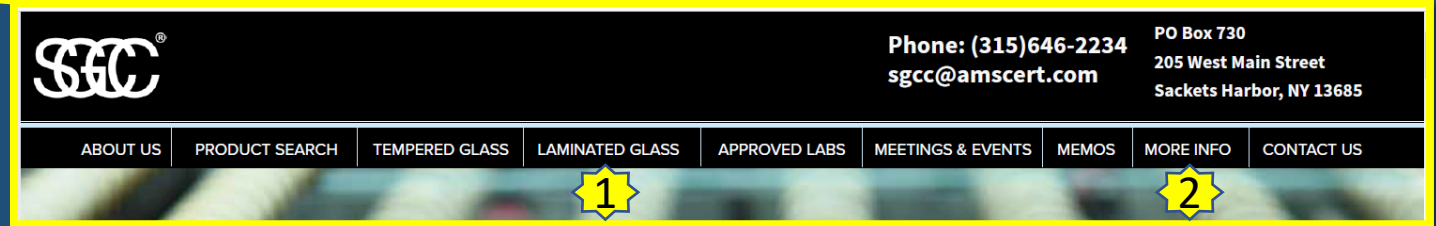
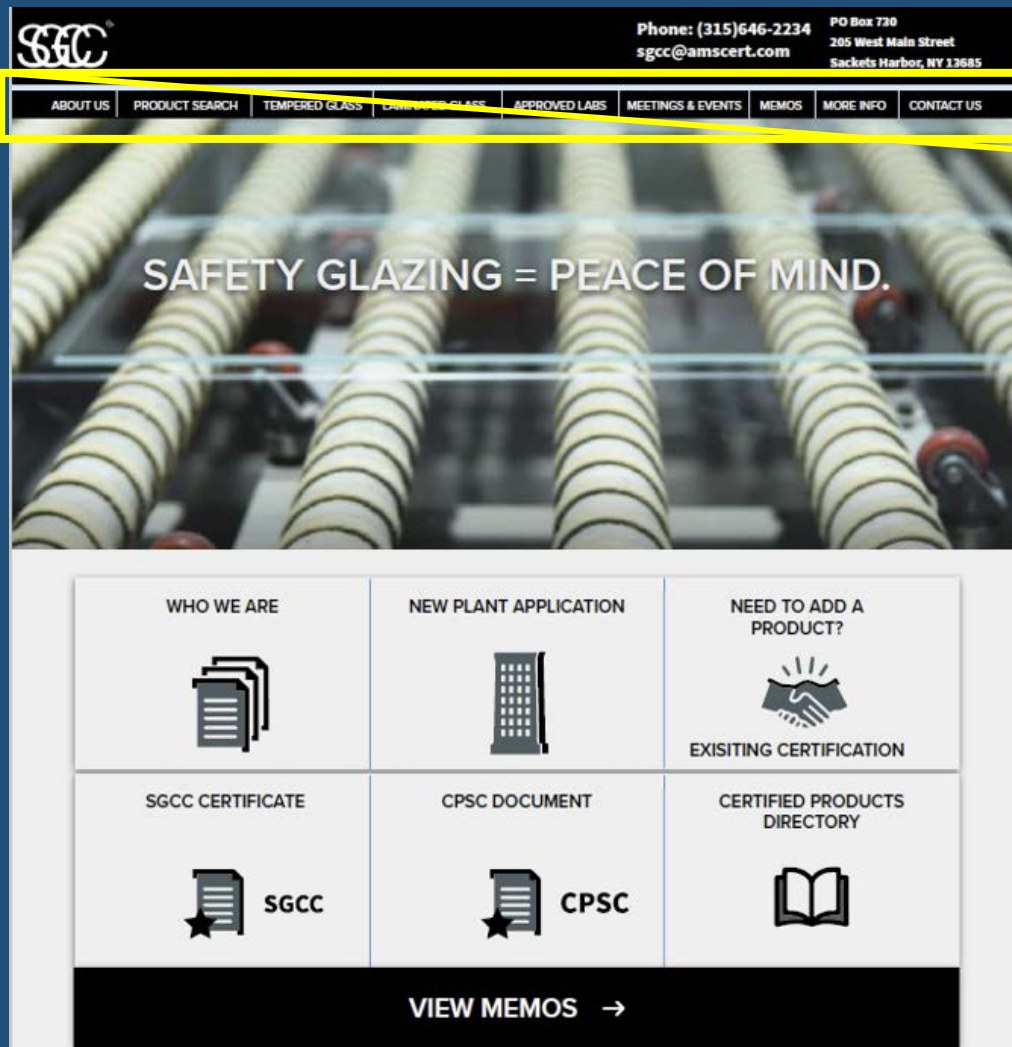
Option 2: Go to electronic only (2x per year) w/ hardcopy upon request.

Option 3: Same as Option 1 with Reduced Hardcopy print. We are purposing to Eliminate 2 of the Certified Product Views

1. Alphabetical by Plant = 36 pgs \*(leave this view)
2. By Product Type = 70 pgs (eliminate this view)
3. Numerical Sequence = 21 pgs (eliminate this view)

Poll 2: How should we move forward with future SGCC CPD releases?  
23% Option 1  
37% Option 2  
40% Option 3

# 7 – Administrative Report- Website Redesign



## 1 – Laminated Glass

- Interlayer supplier website listing?
- Seeking Laminating video for banner (generic)

## 2 – More Info

- Glass Consultants List?
- Anything else?

## 8 – Quick Action Sub-Committee Report

Sub Committee: Quick Action		Chair: Mark Cody	
<b>Scope:</b> Between meetings resolution of any issue, appeal or request for review that can not be dealt with by the administrator or is beyond the guidance provided to the Administrator or for which the Administrator has rendered a decision that is not acceptable by the applicant.			
<b><u>Members</u></b>			
SGCC President		Brian Louks	
Certification Committee Chair		Mark Cody	
Public Interest		June Willcott	

At this time, no Quick Action Sub-Committee items to report

# 9 – Program Testing Results Review

Total Specimens  
Continues to grow

Program Testing Results

Agenda Item: C9

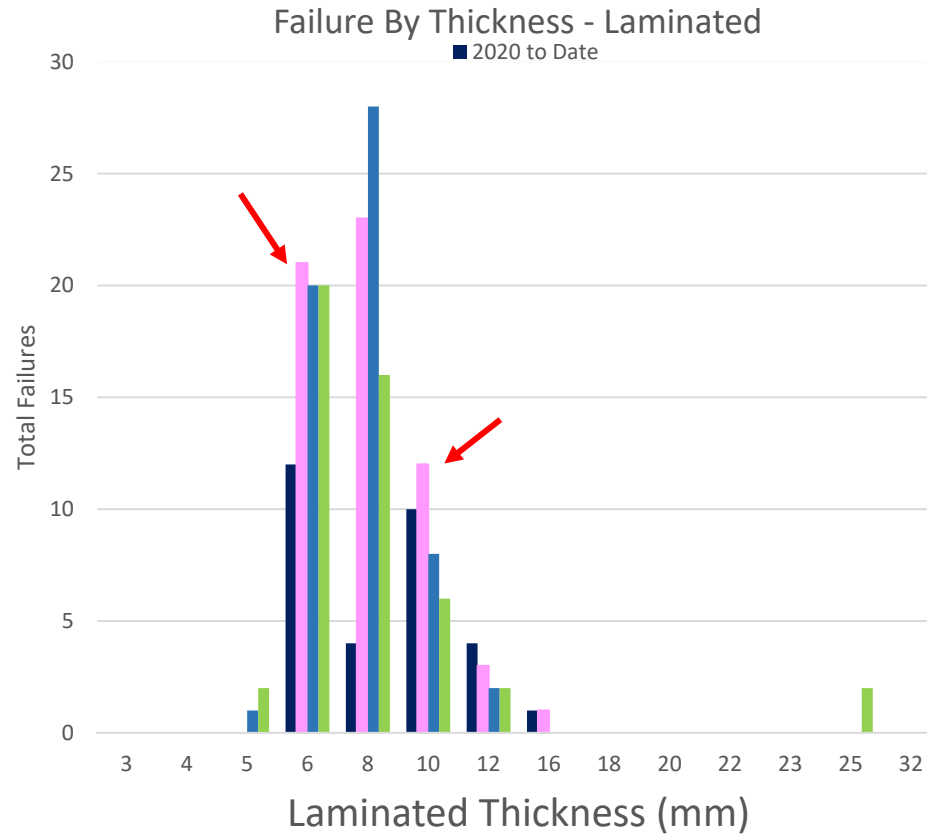
Year	Total Specimens Tested (Sets)	Selections (% of total products)				Product Failures (Calendar Year)				Failures														
		Participant %	Inspector %	Total Tempered Products %	Total Laminated Products %	Total Failures		Participant Selected % failure	Inspector Selected % failure	Tempered			Tempered (TTG)			Tempered (TPG)			Laminated Impact			Laminated Boil		
						Total Failures	Total Failures (%)			total	% failure	Tempered % of Total Temp Product Failure	total	% failure	Tempered % of Total Temp (TTG) Product Failure	total	% failure	Tempered % of Total Temp (TPG) Product Failure	total	% failure	Laminated Impact % of Total Lami Products Failure	total	% failure	Laminated Boil % of Total Lami Products Failure
2020 to date	3554	89%	3%	87%	13%	88	2.5%	98%	2%	57	65%	1.9%	44	50%	1.4%	11	13%	0.4%	19	22%	4.0%	7	8%	1.5%
2019	4909	88%	2%	88%	11%	161	3.3%	96%	3%	101	63%	2.3%	75	47%	1.7%	23	14%	0.5%	39	24%	7.0%	12	7%	2.1%
2018	5938	89%	4%	88%	12%	153	2.6%	95%	5%	94	61%	1.8%	56	37%	1.1%	34	22%	0.6%	44	29%	6.4%	8	5%	1.2%
2017	5354	84%	4%	89%	11%	123	2.3%	100%	0%	75	61%	1.6%	51	41%	1.1%	22	18%	0.5%	39	32%	6.8%	9	7%	1.6%
2016	4529	97%	3%	90%	10%	86	1.9%	98%	2%	58	67%	1.4%	40	47%	1.0%	18	21%	0.4%	24	28%	5.1%	3	3%	0.6%
2015	3622	98%	2%	91%	9%	89	2.5%	99%	1%	67	75%	2.0%	55	62%	1.7%	12	13%	0.4%	16	18%	4.8%	5	6%	1.5%

Slight increase in  
Failures

What other data points from the SGCC program may be helpful?? We will continue efforts to make this available in real time on the CIP.

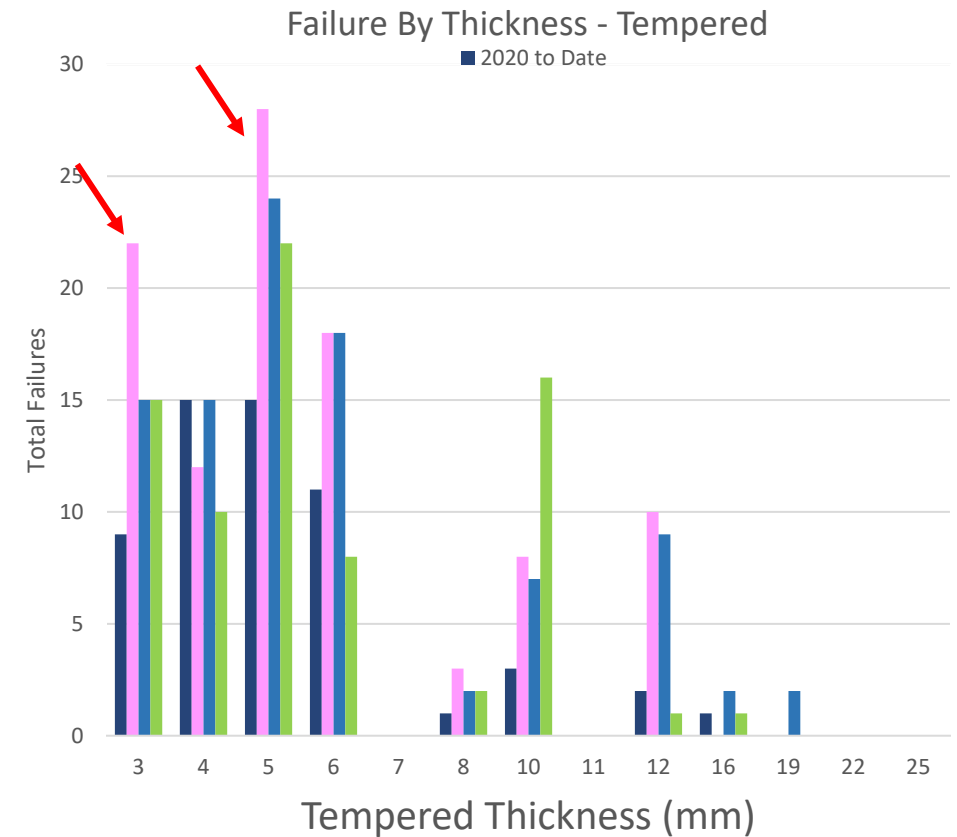
# 9 – Program Testing Results Review

## Failure By Thickness Charts Laminated



TOTAL PRODUCTS TESTED	3mm	4mm	5mm	6mm	8mm	10mm	12mm	16mm	18mm	20mm	22mm	23mm	25mm	32mm
2020 to Date	0	0	8	116	180	77	71	19	1	0	0	0	2	1
2019	0	0	10	143	214	79	89	22	2	1	0	0	1	-
2018	1	0	16	170	276	92	106	18	2	2	0	1	1	-
2017	0	0	12	165	221	80	82	8	2	1	0	1	3	-

## Failure By Thickness Charts Tempered

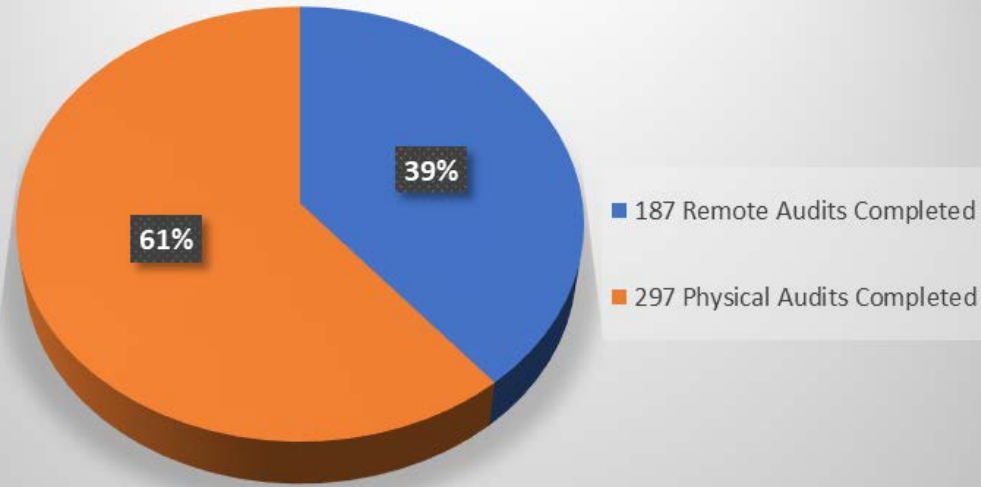


TOTAL PRODUCTS TESTED	3mm	4mm	5mm	6mm	7mm*	8mm	10mm	11mm*	12mm	15mm*	16mm	19mm	22mm
2020 to Date	366	328	549	561	2	217	497	0	353	34	63	107	0
2019	560	469	796	796	4	291	674	0	483	45	79	146	0
2018	692	577	964	960	4	339	803	1	575	55	105	178	0
2017	655	545	883	874	4	284	710	1	510	49	96	166	2

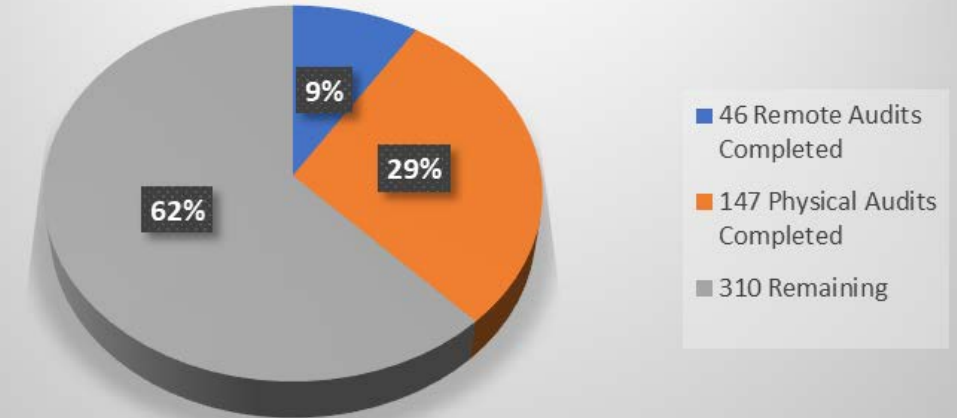
\*Products tested to EN thickness tolerance

# 10 – Remote Audits

## F20 SGCC Audit Summary



## L20 SGCC Audit Summary (as of 9/29/2020)



- Remote audits approved for F20 & L20 Certification Cycles
- Remote or Physical completion – decision left to the plants and auditor's in consideration of local conditions
- (F20) The majority of Non-NA audits done physically
- The attached guidance document was provided to our Auditors

### IGCC/SGCC Virtual Audit Questions and Information

Remote audits have been approved for certification activities for F20 by SGCC, IGCC, WDMA and NERC. Although we will speak to SGCC and IGCC here, many of the concepts apply to WDMA/NERC as well. Readily stated, video is better than pictures which are better than documents. With that said, levels of formality, compliance and digital capabilities of individual plants will factor into the approach you use to assess compliance of each plant. Remember, any form of communication is better than nothing (i.e., email, text, pictures, videos, and documents). But we also need to understand this is a stressful time for everyone, and we need to be flexible and show compassion. We hope this document will answer some questions and be the beginning of documenting best practices during this hearing period. We can all do our part to make sure the audits are best as possible.

#### FAQ

**Do we need a video conferencing policy?** No, the Board of Directors for all programs approved remote audits, and this is not necessary.

**What if the plant cannot use Zoomtime or Selfie Meeting type applications and/or has limited internet signal?** Request all documentation you need to review in whatever medium is practical prior to audit. Follow up during "remote audit" to review all information received, and any additional items that may be needed for review.

**How can I view production that I usually see in person, i.e., witness fabrication?** Plants can take a video of any production process via cellphone. Large videos this likely will not send in regular email. We suggest using "Drop Box" or "Google Drive". If you need assistance with this, please contact Mike Majewski here at AMI, [majewski@ami.com](mailto:majewski@ami.com). With that said, a few short videos or even pictures of key steps (break test, sealant application with sealant mixing) may be all that is reasonable to receive under current conditions.

**What date do I enter on the "Audit Date"?** The final date you review information via phone/video chat and close out your review.

**What about lab closures?** There are some laboratories not accepting shipments currently. Please referate to the plants to contact their respective lab directly prior to sending test sample shipments.

**When do I send the plant the sticker labels?** For IGCC fabrication, you will need to mail them to the plant prior to the remote audit. Ideally ask them to take video/picture/Facetime applying labels to test sample(s). It is not necessary to witness (electronically) all test samples, at least one (1) test sample is acceptable. For SGCC, it has been suggested to mail sample labels after the remote audit, thus allowing opportunity to provide the plant direction on label application and sample selection. However, there may be situations that it makes sense to just send labels prior (i.e., SGCC and IGCC together).

**How flexible are we? What about corrective action items?** Remote or face to face, our obligation is the same, to complete the inspection form. We must still write corrective action items as they are found. The office can work with the plants and assist them with any issues as they arise. During these trying times we will be extremely flexible to meet our clients needs. All we ask is that our clients communicate with the office.

**PLEASE SEE NEXT TWO PAGES FOR EMAIL EXAMPLE(S)**

This is an example outline for requesting information prior to an IGCC/SGCC remote audit. As an auditor, you know your plants best and should modify the information requested to focus your limited time on areas of the greatest importance. We must audit to the form and only the form. A remote audit should mimic an in person audit as closely as possible.

# 10 - SGCC Remote Audits

## Plant Comments

1. *"The remote audit was as detailed, and the information requested the same, as if the auditor was on site. Doing this remotely gave me time to gather the required information without wasting the auditors time waiting. The labels arrived promptly for our test samples. There needs to be transparency and trust from both parties to assure the test specimens are run under normal production methods. I am in favor of this type of audit should it occur in the future."*
2. *"We believe that your company should consider conducting audits like this one for the future, the SGCC Auditor was a professional, we did all the work in a few days."*

## Auditor Comments

1. *"Each plant has to receive specific instructions, in addition to common, basic instruction, based on what they do, and their individual challenges are to make these audits real, viable and comparable to us actually being there."*
2. *"I have delayed the audits because, against hope, I wanted to see if the Covid-19 situation would improve and I could start making on-site visits safely again. At present things seem to be slowly getting worse again so I will need to conduct remote audits for the L20 period." (Europe Audits)*
3. *"I am finding just as many, if not more, corrective action items during remote audits. I trust plants want to do the right thing within in the program and are very honest during the audit process."*

# 10 - SGCC Remote Audits

## Proposed Changes to the SGCC Procedural Guide:

After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. ~~One audit each year may be performed virtually (the second (2<sup>nd</sup>) more frequent virtual audits may be deemed necessary in consideration of external factors, i.e. public health conditions).~~ *In consideration of public health concerns one or both of the twice per year audits can be conducted virtually.* During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.

Agenda #10: Proposed Motion

Motion to approve the revised SGCC audit wording for 2021 and forward as written above.

Motion
1 <sup>st</sup> : ___ Mark H. ___
2 <sup>nd</sup> : ___ Bernie H. ___
Vote:
__UA-1/___0___1_ <input type="checkbox"/>

# 11 – ANSI Z97.1, CPSC, CAN/CBSG 12.1



# 12a – SGCC Laboratory Approval Status (Last updated 9/18/2020)

7. Laboratory Agrees that initial approval by the SGCC Certification Committee is contingent upon an initial survey of Laboratory's test facilities by the SGCC. Laboratory agrees to pay the cost of the initial survey and inspection of the testing facilities. In order for a test facility to be considered for initial approval, a letter of interest or intent to use must be provided from 5 certified fabrication facilities. Ongoing laboratory approval is subject to approval by the SGCC Certification Committee and shall be for a period of two (2) years. During this period the laboratories facilities shall be re-surveyed and all issues arising from this survey resolved. **A non-refundable fee of \$3000 annually** for each facility shall be charged for SGCC Laboratory approval and surveys. This fee shall be waived under the following conditions:

1. During the first 2 calendar years of initial SGCC Lab approval
2. When 5 or more SGCC participating plants have selected the facility as their designated testing laboratory for that year.

Company	Location	Date of Initial Approval	Date of Last Inspection	Approved by SGCC	Accredited to ISO/IEC 17025 Agency	Signed Agmt (date)	No. of C Plants
Intertek	Cortland, NY	1981	6/11/19	9/19/2017	IAS TL-212	12/10/2015	21
	Fresno, CA	11/18/1997	Tent. 10/13/20	9/19/2017	IAS TL-264	11/13/2015	55
	Kent, WA	10/29/2009	Tent. 10/20/20	9/19/2017	IAS TL-330	11/13/2015	18
	Lithia Springs, GA	5/17/2012	9/24/20	9/19/2017	IAS TL-338	11/13/2015	25
	Montreal QC	2/20/2015	4/26/19	9/19/2017	SCC 1003-15/84	1/28/2015	26
	Plano, TX	7/1/2004	11/14/19	9/19/2017	IAS TL-331	11/13/2015	60
	Springdale, PA	11/15/2018	Tent. 10/7/20	9/19/2018	IAS TL-361	8/27/2018	5
	Fridley, MN	10/6/1992	5/9/19	9/19/2017	IAS TL-285	11/13/2015	27
	Vancouver, BC	9/19/2017	9/16/20	9/19/2017	IAS TL-274	7/24/2017	3
	York, PA	6/30/1985	3/13/19	9/19/2017	IAS TL-144	11/13/2015	65
Fenestration Testing Lab	Medley, FL	10/2/1997	1/23/19	9/19/2017	A2LA #3308.01	10/19/2015	70
National Certified Testing Laboratories, Inc.	Everett, WA	10/14/1997	Tent. 10/20/20	9/19/2017	A2LA #3054.03	10/19/2015	12
	York, PA	5/19/2011	Tent. 10/24/20	9/19/2017	A2LA #3054.01	10/19/2015	26
Bowser-Morner, Inc.	Dayton, OH	1991	10/10/19	9/19/2017	L-A-B #L2444	10/22/2015	20
Molimo	York, PA	3/27/2019	3/12/19	3/27/2019	IAS TL-678	3/12/2019	2
Construction Consulting Lab West	Ontario, CA	11/19/1997	Tent 10/20/20	9/19/2017	IAS TL-226	12/4/2015	33
Element Materials Technology	Des Moines, IA	6/11/1999	11/15/2019	9/19/2017	A2LA #1479.02	12/1/2015	15
	Wausau, WI	11/29/2011	Tent. 10/8/20	9/19/2017	A2LA #1479.04	10/19/2015	10
PRI Construction Materials Technologies	Tampa, FL	5/19/2017	1/22/2019	9/19/2017	IAS TL-189	4/19/2017	16

# 12a – SGCC Virtual Lab Audits

2020.6.10 SGCC Board Approved Lab Audits for 2020 to be completed remotely.

## Material Collected & Reviewed during Virtual Lab Audits

Records and Test Data Collection	Video Validation
Supporting Documents	Monitoring of IA Training
Calibration Information	Procedural Verification

### Pros:

- Documents and information is all shared and reviewed digitally
- Allows for more detailed study of provided documents

### Cons:

- Video quality in testing area
- Staffing availability on day of audit due to Covid restrictions

### Solutions:

- Sending a “script” for Impactor video, to be taken offline
- Include notes on which individuals must be present day of audit (ie: QA Associate)

## SGCC 2020 Virtual Lab Inspection Checklist

*Provide the following documents:*

	Audit Reference #	Status
Quality Manual (if digital, otherwise will be reviewed during our call)	H3	
Record of customer complaint and resolution	H4	
Calibration Master List	H5	
Corrective and Preventative actions list	H6	
Copy of last internal audit with resolutions	H7	
Copy of a training record for someone working in IGCC testing	H9	
Copy of ISO 17025 Scope	H11-H2	

*Provide photo of calibration sticker on device:*

Durometer	C7	
Impact Test Frame (Including neoprene strip validation)	C1, C7	
Impactor Bag	C12	
Center Punch	D1	
Digital Scale for Impactor Weight *	E1	
Digital Scale for Tempered Glass particles *	E2	
Calipers	F3	
Temperature Measurement device for Boil Test	G2	
Temperature Measurement device for laminated glass surface	G4	

*Video to be provided in advance or during the call:*

ANSI Z97.1 Impact Procedure	Section C	
Center Punch Impact Procedure	Section D	

Please note additional information not listed above will be reviewed and collected during the virtual audit|

2 SGCC Lab Audits Completed  
6 Scheduled for October

# 12 – Testing Laboratories

## SGCC Lab Manual Revisions Pending Review

REVISIONS	Section
Added note to allow signed and dated test report cover page attached to each report	A.11
Added a section for approved coated glass meters	C.14
Updated the Representative Key Parameters table for 2017 CAN/CGSB	C.15
Added a section for measuring/validating pattern depth	D.8
Added MM Nominal Thickness values to table	E.2
Added Clarification on timing of measuring laminated product interlayer	E.4
Updated sample test report to clarify commonly forgotten parts	15-17

**Proposed New Guideline:** **A.13 Laboratory Inspection** - Laboratory facilities shall undergo routine surveillance audit every two (2) years, as per the signed Lab Agreement. If conditions allow, these surveillance audits will alternate between virtual and physical visit at the discretion of the administrator.

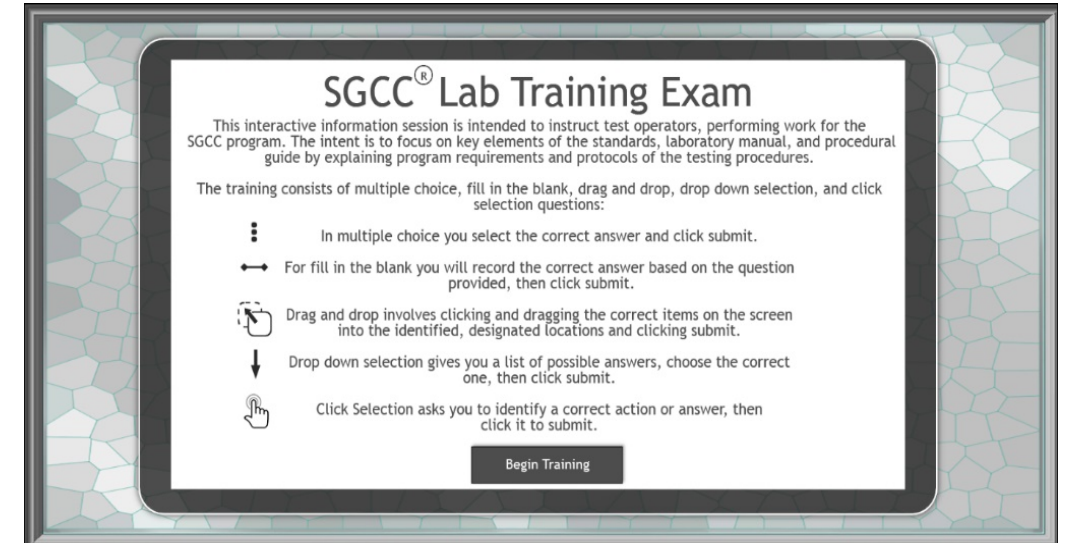
In the interest of time, we will review with the **Laboratory and QA Inspection Sub**  
**27** **Committee** to approve the above revisions made to the Lab Manual.

# 12c –SGCC Interactive Lab Training

Meeting Minutes (10.3.18.3) *To mandate SGCC Lab training exam to “all personnel performing SGCC testing” are required to take and pass annually (Passing requirements = 100%).*

*Implementation of these changes were effective 1/1/2020.*

Lab Personnel to Complete the Exam	
2019	35
2020 YTD	36



## A few suggested improvements, based on comments:

Please include “Tempered failures. Size of laminated glass needed to be kept for 30 days after failure. Shim size's. Differences in thickness between laminated and tempered glass”

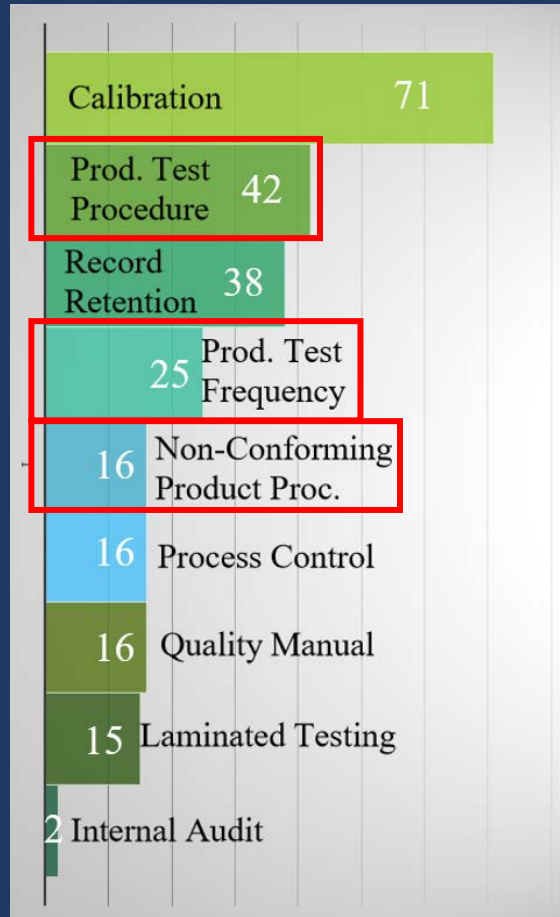
Please include “A section for "How To" test the glass showing the step by step process that is involved in checking the glass, impact testing, center punch, and boil samples, and how to properly select the largest pieces.”

**COMING  
SOON**

Next release planned for **January 1<sup>st</sup>, 2021**

# 13 – SGCC QA Requirements

## Plant Quality-Related Findings (F20)



2018

- Fall meeting SGCC approved revisions to the SGCC QA Requirements

2019

- Notify Licensees & Implement new SGCC QA Requirements

2020

- New QA Requirements **Mandatory** as of 1/1/2020

## SGCC Plant Quality Assurance Req:

1. Total Plant CAPA F20 = 274
  - 241 were QA related
  - 83 were **Production Testing\*\***
2. Fall 2019 Meeting the group requested additional clarification on a few of the **Production Testing**. ✓
3. Fall 2019 Meeting the group requested a list of acceptable alternatives to the reference **Production Testing**. ✓

## 13 – SGCC QA Requirements Production Testing



### Guidance for the SGCC QA Production Testing

The Lab and QA Sub-committee addressed:

1. Sample clamping (containment)
2. More precise direction on 12-foot drop height and +/- tolerance
3. Guidance on how to do lower drops
4. Clarification on spall measurement



In addition a list of Suitable Alternative for Production Testing can also be found in the Guidance document below

Document can be downloaded off the SGCC website

<https://www.sgcc.org/documents/229.pdf>

In addition QA Testing Video:

<https://www.sgcc.org/Quality-System-Production-Testing-Video.aspx>

# 14 – Coated Glass


## Coated Glass

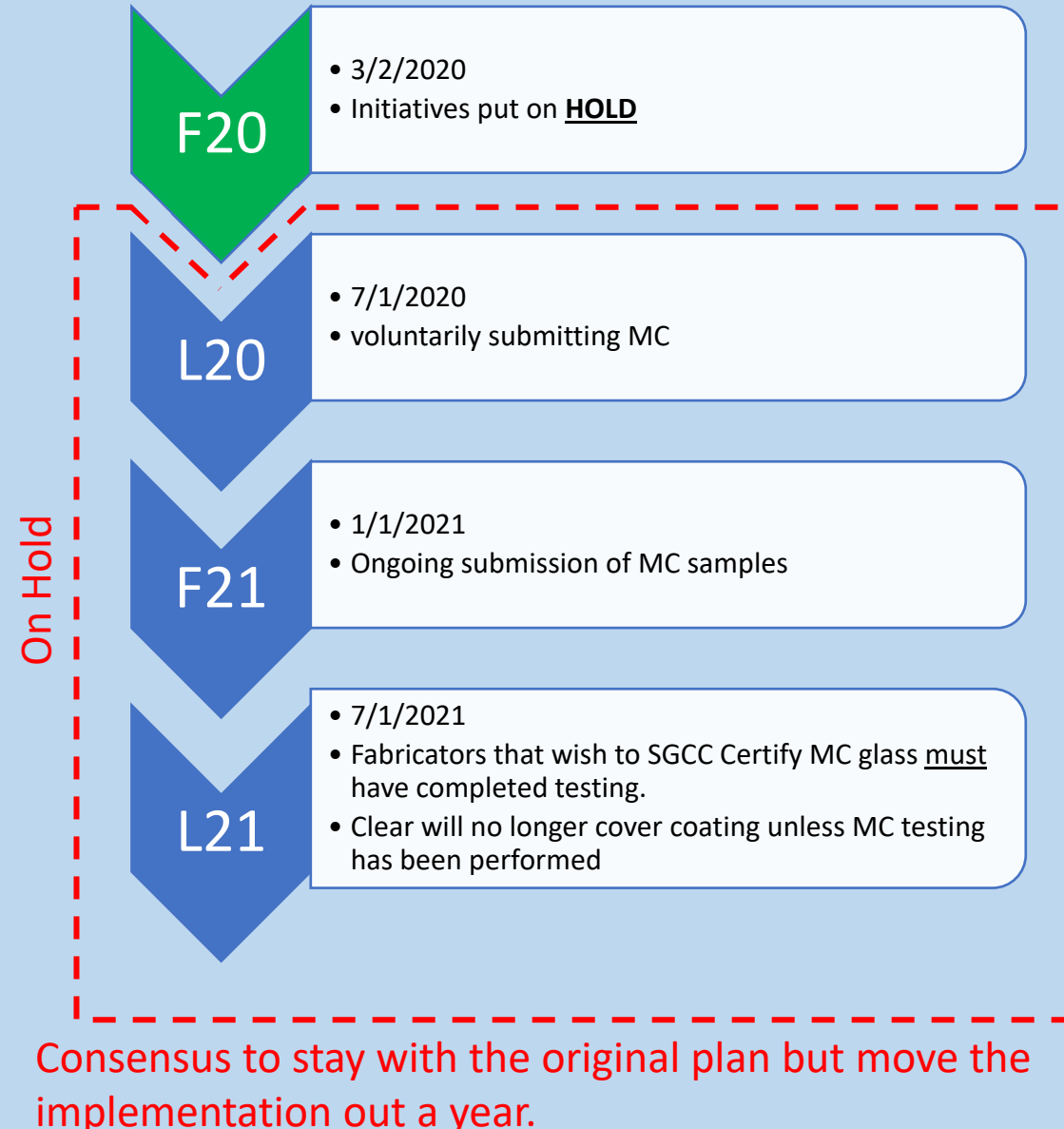
Per the attached *March 2<sup>nd</sup>, 2020 SGCC Memo* regarding Coated Glass Certification and testing, the **SGCC Board** has **decided to hold on this initiative** in consideration of current industry conditions. While we have already received coated glass test reports and continue to welcome anyone volunteering to submit coated product for testing, SGCC will not implement any mandate at this time.

Years	No. of test Sets (sets of 4)	Results C/NC (in testing)
2018 – 2020 YTD	49	45/0 (4)


**Agenda #14: Do we want to continue with the implementation of mandatory coated glass testing? (Yes, No, Abstain)**

If **Yes**, review [Revised wording for the CPD](#)

	Motion
1 <sup>st</sup> :	
2 <sup>nd</sup> :	
Vote:	
____/____/____ P / F	



# 15 – SGCC Selection Labels

 safety glazing certification council	Sampled by 19 Number of Samples: 4
SGCC# XXXX F20 3/8 TTG 10 mm COMPOSITE	
<b>MUST DELIVER THIS GLASS PREPAID WITHIN SIX WEEKS</b> To: National Certified Testing Labs (NCTL) 5 Leigh Drive York, PA	
INSPECTOR CIRCLE: INSPECTOR or PARTICIPANT SELECTED	
INSPECTOR INITIALS: _____ DATE: _____	
<small>SD-32 - Last Revised By: KS 6/2/2016 Last Approved By: BR 6/2/2016</small>	

Note: The selection label used for “chain of custody or pro-forma order” are left at the physical plant after the audit is completed. Often, the office resends the labels electronically to be printed and taped to the samples, most recently due to remote audits, for faster delivery.

Propose: Send electronic pdf copies of the selection labels to Certified plants after audit completion.

## Agenda #15: Proposed Motion

Requesting a motion to approve sending electronic pdf copies of the selection labels each cycle

Motion	
1 <sup>st</sup> :	_____
2 <sup>nd</sup> :	_____
Vote:	_____
____/____/____	P / F

# 16 – Inactive Status

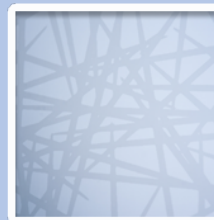
## Inactive Status

**Current Guideline:** pg.25 of the CPD, d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will be for a specific certification period and will expire at the end of that certification period but may be **renewed** by the licensee **any number of times**. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)



# 17 – Bird Friendly Glass

- ❖ It is estimated that there are between 5 and 10 billion active birds in North America at any given time.
- ❖ 600 million to 1 billion deaths from collision with buildings, each year in USA alone
- ❖ Research on Effectiveness of Visual Signals
  - Visual markers for birds are different than those for humans
  - Birds are sensitive to contrast
  - Birds are sensitive to UV signals
- ❖ Bird Safe Glazing Solutions
  - Acid Etched patterns
  - Fritted patterns
  - Film
  - Decals
  - Ultraviolet (UV) patterns



What birds see



What we see

[Link to Full Presentation:](#)

# 17 – Bird Friendly Glass

## Current Industry & Legislation Updates

- ❖ LEED Pilot Credit
- ❖ Integrated Exterior Protection Strategies
  - Awnings and overhangs
  - Sunshades
  - Screens, grills or nettings and mesh elements
  - Shutters
  - Louvers
- ❖ Existing legislation –USA
  - **Federal** - Federal Bird-Safe Building Act (2011) (passed the House in July 2020)
  - **State**
    - California-Green Building Standards Code –  
Appendix C: Bird-friendly Building Design (2010) –Voluntary
    - Minnesota, Bird-Safe Glazing (2015) –Mandatory
    - Maryland, Bird Safe Building Act (under review)
    - Michigan, Safe Passage Great Lakes
    - Washington, DC –Bird Friendly Green Building Code (2016) (under review)
    - Cook County, Illinois (Pending)
    - New-York State: Bird-friendly Buildings Act (2011) (under review)



## Recently Published Technical Paper

Glass Technical Paper

FB35-12 (2020)

### Bird-Friendly Glass Design Strategies

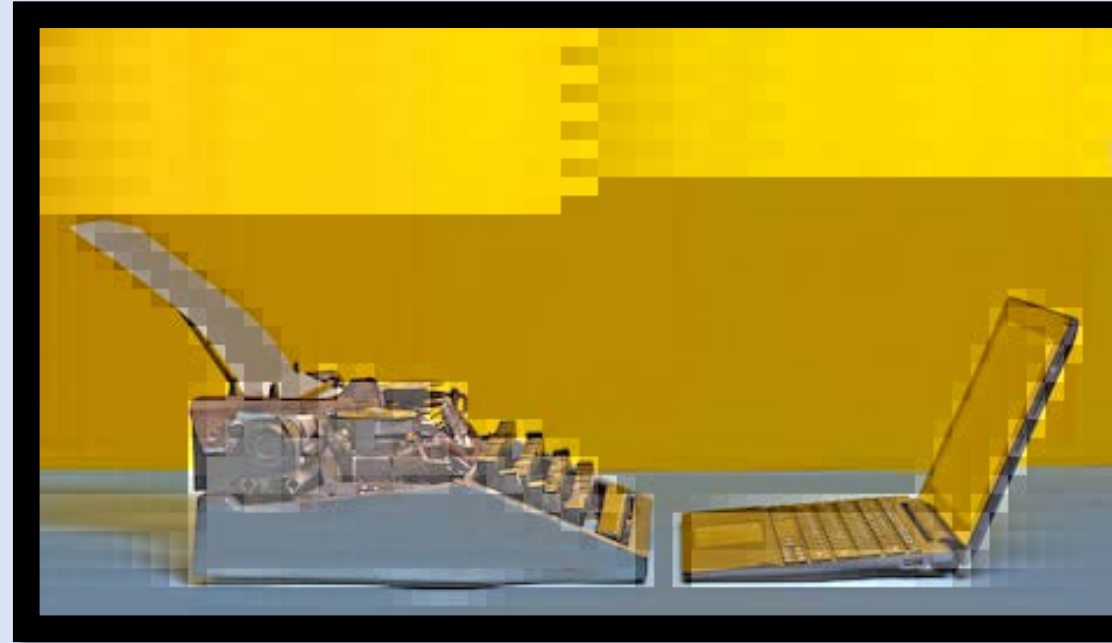
#### Introduction

Clear and reflective architectural glass in residential and commercial structures in urban, suburban, and rural landscapes can be a passive invisible killer of birds worldwide. Our collective evidence reveals that clear and reflective windows of all sizes are theorized to be invisible to potentially all birds due to what have been defined as fly-through conditions, reflected habitat conditions, or black-hole effect. The amount of glass and associated vegetation that attract potential victims best explain the number of casualties at any specific building.

1. ANSI Research

2.?

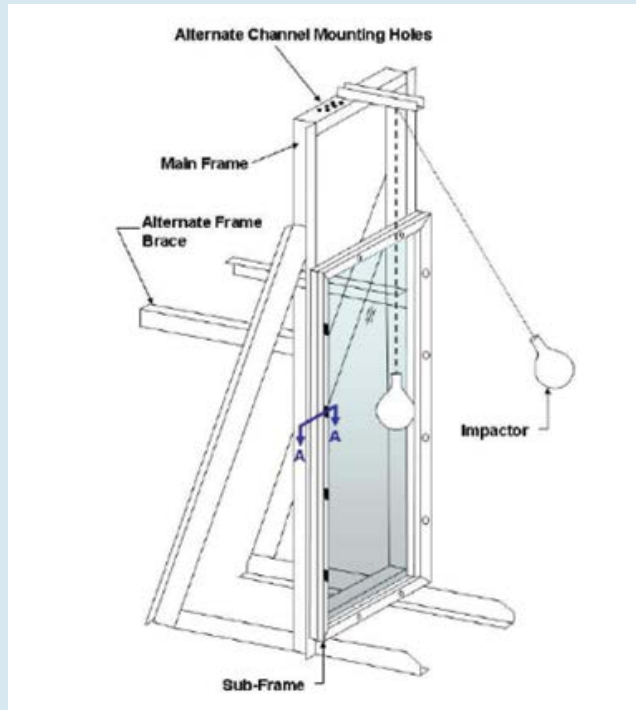
3.?



# ANSI Z97.1 Research Project

## Issues

- Limitations with testing smaller samples
- Limitations for testing at great impact levels
- Durability of impact rig
- Variability in clamping force
- Lack of availability of impactor bags
- Lead shot issues
- Better bio-mechanical materials to simulate human impact



## Direction (From 2019 meeting)

With the eminent reaffirmation of ANSI Z97 – 15 (R2020), it is not too earlier to begin thinking of the 2025 revision. It has long been recognized a new impactor will eventually be needed. John Kent will work with Bill Nugent to better define a research proposal to begin this effort.

ON HOLD (lack of Interest and resources)

-But-

Where do we go for 2025?

1. Reaffirm?
2. Small revisions?
3. Full revision?

JCS - I think we will need some revisions, especially since we are moving a lot of the guts to ASTM, so we will need to change those references... and I would love to get an optional impactor in the appendix that we can move forward as the “real” deal in a future cycle.

# 19 – Next Meeting

## Fall 2021 SGCC Certification Meeting



**HYBRID**

Proposed Target Date: Sept 29 – 30, 2021

# 20 – Participants Meeting

## SGCC ANNUAL PARTICIPANTS' MEETING

Thursday October 1st, 2020

11:30 AM

Virtually by on-line meeting

### ARTICLE IV PARTICIPANTS MEETINGS

Section 1. Annual Meeting. An annual meeting of the participants shall be held each year ... for the purpose of electing Directors and for the transaction of such business as may come before the meeting ... Election to the Board of Directors shall be for a one-year period commencing and ending at the Annual Participant's Meeting.

1. SGCC President Brian Louks present slate of Board of

Directors for 2020-2021

2. Call for any other nominations, and call the vote

3. Old or New Business

4. Adjournment

Business Community	Public Interest
Brian Louks - Viracon	William Nugent
Jeff Haberer - Trulite	Elaine Rodman
Mark Cody – AGC	Peter Weismantle
Bernie Herron – Cardinal	June Willcott
Mark Hutchinson – Intigral	Patrick Loughran

### Agenda #20: Any Nominations?

Proposed Motion: Requesting a motion to accept the slate of directors for a 1 year term.

#### Motion

1<sup>st</sup>: \_Mark C.\_\_\_\_\_

2<sup>nd</sup>: \_June W.\_\_\_\_\_

Vote:

\_UA\_/0/\_0\_ **P**



Thank you for joining us!

We would like to receive your feedback, questions, and any comments on ways to improve our next meeting.

As always, please contact the SGCC office at any time [sgcc@amscert.com](mailto:sgcc@amscert.com)

Adjournment: Mark Cody