

safety glazing certification council

January 1, 2003

certified products directory
safety glazing material used in buildings
visit our website @ sgcc.org

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January 1, 2003

~ MEETINGS OF THE CERTIFICATION COMMITTEE ~

The Certification Committee of the Safety Glazing Certification Council meets annually. Minutes of these meetings may be obtained by writing to the Administrative Manager of the Safety Glazing Certification Council (SGCC®).

Certification in this directory is current as of the date of issue; however, products may be certified or have certification removed from time to time. For the most current information, please contact the Administrative Manager of SGCC®.

Any questions, comments, or requests for copies of this directory should be directed to the Administrative Manager of the Safety Glazing Certification Council:

~ ADMINISTRATION ~

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January 1, 2003

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January 1, 2003

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
ACI Distribution	Mike Grossman	Rick Dashley	
AFG Inds., Inc.-TN	Mark Cody	Thomas Mewbourne	
AFGD, Div. of AFG Inds., Ltd.	Mark Cody	Thomas Mewbourne	
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
American Flat Glass Dist.	Mark Cody	Thomas Mewbourne	
Amsco Windows			
Anthony International	Ben Downing		
Arch Aluminum & Glass Co.			
Arch Ohio, Inc.			
Architectural Safety Glass	George Sutorka		
Bendheim Wall Systems, Inc.			
Berkowitz, J.E.	Jim Stinsman		
Bronco Industries, Inc.			
Cameron Glass, Inc.	Richard Paschel		
Cardinal IG	Robert Spindler	Oak Moser	
Changshu Zhongcheng Bldg. Material Co., Ltd.			
Cheil Glass Industrial Co., Inc.			
Coastal Glass Distributors			
Colonial Mirror & Glass Corp.	A. Alex Weiner	George Weiner	
Commercial Insulating Glass Co.	Jeff Winsler		
Consolidated Glass Corp.	Carl Carmen	Louis Merryman	
Contour Industries, Inc.	Scott Stidham	Lee Mulkey	
Coraglass, Inc.	Patrick Conner		
Craftsman Tempered Glass			
Dongli Tempered Glass Co., Ltd.			
Downey Glass Industries, LLC			
Edge Seal Technologies	Mark Hutchinson		
Efco Corp.			
Engineered Glass Products, L.L.C.			
Flex-O-Glass, Inc.	Harold G. Warp	Alfred R. Hunsicker	
Floral Glass & Mirror	Charles Kaplanek	Paul Bieber	
FTG of NC, LLC			
Galaxy Glass Corp., Inc.			
Gemtron-Sweetwater	Robert A. Moss	Jack Francis	Freida Barr
GGI Glass Distributors Corp.	Bud Hudgins	David S. Balik	
Glass South Africa, LTD, Parow			
Glass, Inc.	Mickey Wilkinson		
Glass-Tex Industries			
Goldray, Inc.			
Guardian Canada Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Fabrication Inc.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Inds. Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Interpane Glass Company		Tony Lee	Jimmy Williams
Kohler Company	Fred Bruce		
Marvin Windows	James Krahn	Doug Steinbring	
Mid Ohio Tempering			
Milgard Tempering, Inc.	W. F. Hart	Tom Sugano	
Mirror Factory	Marlan Carlson	Tom Carlson	Lance Smith
Multiver			
Nashville Tempered Glass Corp.			
Oldcastle Glass Perrysburg	Richard Wright	John Bush	John Colapietro

January 1, 2003

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Patio Enclosures, Inc.			
PDC Glass & Metal Services	Marc Silverman	Tim Moore	Andy Andeits
PGT Industries			
PPG Inds., Inc.	Charles Richeson	Mike Bitterice	Bob Fiedor
Prelco, Inc.			
Republic Windows & Doors, Inc.			
Shaw Glass Co.	Frederic P. Shaw	Troy Johnson	Bill Connell
Sovis North America, Inc.	Mark A. Durfield	Luc-Michel Riblier	
Specialty Building Products			
Spec-Temp, Inc.			
Summit Window & Patio Door	Lee Dunlop	Steve Jones	
Swift Glass Co., Inc.	Daniel J. Burke	Anthony Speciale	Wayne Brown
Techni-Glass, Inc.			
Tecnoglass S.A.			
Temperbert Glass, LP	Donald Sokol	Richard Paschel	Kevin Miccichi
Tempered Glass, Inc.	Douglas Sampsel	Joel Wrenn	
Traco (Three Rivers Alum)	William R. Deuschle	Brad Fello	
United Plate Glass Co., Inc.			
Unitex Glass (Xiamen) Co., Ltd.			
Vetreria Valentini S.R.L.			
Viracon, Inc.	Lyle Krohnberg	Mike Diedrich	Roger Skluzacek
Virginia Glass Products Corp.	Robert L. Brown	Benjamin D. Beeler	
Vitemco S.A. - Glasswall, Inc.			
Vitrierie April, Inc.			
Westshore Glass	Bill Bellis	Todd Elozory	Tucker Kruse

Certification Committee Chairman - Mark Cody

Member by virtue of being a director

Public Interest	William Nugent
Public Interest	Elaine Rodman
Public Interest	Donald Vild
Public Interest	June Willcott
Glasstech, Inc	Norman Nitschke

~PROGRAM CONCEPT~

The Safety Glazing Certification Council (SGCC®) is a non-profit corporation, established in 1971 by manufacturers of safety glazing products, building code officials, and others concerned with public safety.

SGCC® maintains a program which provides for the certification of safety glazing materials found to be in compliance with one or both of the following specifications:

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-1984

Consumer Product Safety Commission Safety Standard for Architectural Glazing Materials - codified at Title 16, Part 1201 of the Code of Federal Regulations: 16 CFR 1201

These specifications subject safety glazing materials, used in buildings and architectural products, to practical tests designed to reduce or eliminate unreasonable risk of death and injury when safety glazing material is broken by human contact.

The specification(s), to which a safety glazing material is certified by SGCC®, is at the direction of the licensee.

SGCC® responsibilities are threefold: to conduct an independent routine sampling and testing program; to approve and register the form of a Licensee's label; and to withdraw the Licensee's authority to use that label if certified products do not meet specification(s).

Management and control of SGCC® is vested in a board of directors, half representing industry and half representing the public interest. To prevent industry dominance of SGCC® actions, the public interest directors are empowered to veto any action of the board regardless of the number of directors present at a meeting.

The certification program uses approved testing laboratories under the supervision of a qualified administrator, retained by and responsible to SGCC®, who is unaffiliated with any Licensee of safety glazing materials.

The Licensee of a product listed in this directory has certified that the labeled material complies with the applicable specification(s). Compliance of a certified product with the applicable specification(s) is checked periodically by an approved testing laboratory under the supervision of SGCC®.

All manufacturers of safety glazing products are eligible and encouraged to apply for SGCC® certification. Products may also be licensed by non-manufacturers. (See "Who can become a licensee.") However, products are not certified until a test to the applicable specification(s), conducted at an approved testing laboratory, indicates compliance, the SGCC® certification invoice is paid, and SGCC® License Agreements are properly executed.

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to insure continued adherence to the specification(s), SGCC® independently selects, at least twice in each year, samples during unannounced visits to the manufacturing plant or randomly from the market place, to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s) SGCC® authorizes the continued use of the certification number and the product listing in this directory.

This directory is divided into four basic listings: the first is by numerical sequence of certified product numbers listing the Licensee holding that number; the second is of manufacturing Licensees listed alphabetically by plants and the approved products manufactured at those plants; the third is by non-manufacturing Licensee's and their approved products; the fourth is by product type listing all Licensees and locations approved for each product type. There is also an alphabetical listing, by manufacturers, illustrating a label typical of the Licensee. The table of contents lists various procedural and administrative information, as well as information as to where officers and directors may be located. Upon request, information from SGCC® concerning a statement of procedures or copies of minutes, are available to manufacturers, public interest groups, and individuals.

~PROCEDURAL GUIDE~

FOREWORD

The acceptance, of a certified safety glazing material, comes from the conviction such certification assures a high level of safety and quality; and that the integrity of the identifying mark or certification label is reliably maintained by a competent certifying agency.

Both ANSI Z97.1-1984 and 16 CFR 1201 provide sound technical basis for a high level of safety. With the addition of independent administration, plus periodic routine sampling and product evaluation a program of product certification is maintained which provides an independent third-party certification and testing program. The Certification Program described herein is predicated upon the concept of independent and impartial administration of the certification procedures which are incorporated in the SGCC® license agreement.

The SGCC® License Agreement is the governing document for the operation of the Certification Program. The Procedural Guide, which is not an extension of this document, is for information and guidance and serves to describe administrative procedures and to insure the uniform and equitable operation of the Certification Program.

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

The SGCC® Certification Program is based on the conviction no standard of safety or quality is good without the continuous adherence of the licensees' certified products to that standard.

To buyers, specifiers, code officials and users, the SGCC® certification label offers the Licensee's assurance his safety glazing material has been produced in conformance to ANSI Z97.1-1984 and/or 16 CFR 1201.

Federal law, many state statutes, municipal ordinances and building codes require glazing materials, installed in certain defined locations, comply with ANSI Z97.1-1984 and/or 16 CFR 1201.

WHO CAN BECOME A LICENSEE?

Any manufacturer of safety glazing materials or any party contracting for the manufacture of safety glazing materials is eligible, on a voluntary basis, to become a Licensee.

WHO CONDUCTS THE PROGRAM?

The Safety Glazing Certification Council, a non-profit corporation, is the sponsor of the Certification Program. SGCC® supervises the Certification Program under which its' administrator periodically checks and reports compliance of the products having the SGCC® certification label with the requirements of ANSI Z97.1-1984 and/or 16 CFR 1201.

ADMINISTRATION

Administrative Management Services (AMS), is the independent administrator of the Certification Program. AMS maintains the SGCC® office of certification and conducts the routine day-to-day business. All transactions are done in the name of SGCC®.

HOW CAN YOU BECOME A LICENSEE?

The following must be accomplished before SGCC® can certify an item of safety glazing material:

- a) The applicant signs two copies of the SGCC® License Agreement (including notarization of the Affidavit, Appendix A) and sends these to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants must include the location and appropriate signatures of their manufacturer for each location.
- b) The applicant directs an SGCC® approved testing laboratory, of its own choosing, to send SGCC® one copy of a valid test report indicating the 'initial' or 'prototype' samples submitted for testing are in full and complete compliance with ANSI Z97.1 and/or 16 CFR 1201.

- c) The applicant sends to SGCC® the six-month certification fee for each item to be certified. This fee must be submitted within 6 months of completion of item b). Failure to do so will result in the need to resubmit item b). (Revised 10/22/93)

Having received all of the above items, SGCC® sends to the licensee the notice of product certification which includes an SGCC® certification number. This number must be incorporated into the permanent label affixed to each piece of certified safety glazing material. The certified item will be listed in the next edition of the Certified Products Directory.

HOW THE CERTIFICATION PROGRAM WORKS

Safety glazing materials must meet or exceed the applicable specification(s) before they can be certified by SGCC®.

All tests are conducted by SGCC® approved testing laboratories. All laboratories, whose test reports are utilized by the Certification Program, shall be approved by the SGCC® Certification Committee. Initial or prototype tests are performed at an approved testing laboratory selected by the licensee. An approved testing laboratory selected with the concurrence of the administrator by the licensee, tests routine evaluation samples.

ADMINISTRATOR AUTHORIZES CERTIFICATION

As sole judge of compliance with the applicable specification(s), the administrator authorizes a product, which has been approved to be listed in the Certified Products Directory.

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches is the size of the initial or prototype test sample, certification is extended to all sizes and the permanent label contains the letter U, designating unlimited size. The letter L contained within the permanent label denotes certification is limited to the width and length of the initial or prototype test sample.

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY

Approved products are listed in a Certified Products Directory. The Directory is published every six months and is sent to door, sash and building products manufacturers, glazing contractors, home builders, architects, regulatory agencies, code-making groups, etc. Directory listings contain the licensee's name, product description and examples of a label typical of that permanently affixed by a licensee to each piece of safety glazing material certified by SGCC®.

The administrator selects, at least twice in each year, samples of certified safety glazing material to be tested to the applicable specification(s). These samples are selected during unannounced visits to the manufacturing plant or from the market place.

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable specification(s), is subject to the removal of certification. The licensee is given 30-days in which to demonstrate, to the satisfaction of the Administrator, compliance and, if not, certification is automatically withdrawn at the end of the 30-day period.

CHALLENGING A CERTIFIED PRODUCT

Complaints of non-compliance, from any source, will be investigated promptly by SGCC® upon receipt of a written complaint and surety deposit. A minimum surety deposit of \$1,000 will be required for each complaint of non-compliance. The surety deposit will be assessed at the rate of \$350 per man-day plus the reasonable cost of travel and the maintenance entailed in resolving such incidents. Refunds of part or all of the surety deposit will be made when applicable. All costs involved will be paid from the complainant's surety deposit, unless the investigation proves non-compliance, in which case all costs will be borne by the licensee found to be in non-compliance.

WITHDRAWAL OF CERTIFIED PRODUCT

Any, product which has been certified by SGCC®, may be voluntarily withdrawn from the Certification Program by a licensee at any time.

COSTS

WHAT DOES THE PROGRAM COST?

The licensee pays, in advance, all projected fees for future routine evaluations to SGCC® on a six-month basis. A licensee is invoiced for each certified item separately listed in the Certified Products Directory.

The certification period is from January 1 - June 30 or July 1 - December 31. The Licensee's initial invoice will be determined by the payment schedule as is listed below. All subsequent invoices will be for a full certification period.

<u>DATE</u>	<u>ADMINISTRATIVE/CONTINGENCY FEE</u>	<u>TEST FEE</u>
January 1 - March 31	100%	None
April 1 - June 30	50%	None
July 1 - September 30	100%	None
October 1 - December 31	50%	None

No testing is necessary during the initial 6-month period if prototype testing took place within 30 days of initial certification. Normal inspection may take place during this initial period, however.

Initial certification during the first 3 months of the initial 6 month period will require a selection in the first 3 months of the following 6 month certification period.

CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS

LICENSE AGREEMENT

This agreement, incorporating independent program administration and routine periodic independent sampling and evaluation, governs the relationship between SGCC® and the licensee.

Future amendments or revisions to the License Agreement will be recommended by the SGCC® Certification Committee and enacted by the SGCC® Board of Directors.

EFFECTIVE DATE, DURATION AND TERMINATION

The License Agreement, effective from the date of its execution, has a validity of six months (adjustable to a January 1 to June 30 or a July 1 to December 31 basis) and, unless revoked by SGCC® for causes set forth in the document, is automatically renewed for successive additional periods of six months, unless either party gives notice at least 60 days prior to the date of expiration that cancellation is requested.

Upon its proper execution and acceptance by SGCC®, the pre-issued certification number bond informs a licensee of the certification number of an item to be certified in the future. If the licensee marks production with the certification number, prior to actual certification, the bond is forfeited to SGCC®.

Upon its proper execution and acceptance by SGCC®, the test release bond permits the continuation of certification of an item when production facilities are shut down. If the licensee does not notify SGCC®, within one week of the resumption of production, the bond is forfeited to SGCC®.

ADMINISTRATIVE SERVICE AGREEMENT

This agreement entered into by SGCC® and AMS; governs the relationship between SGCC® and AMS, the independent administrator. In general, it provides that the Administrator

- a) samples certified products routinely;

- b) has the right to witness any and all testing required by the program;
- c) reviews all test reports in order to determine compliance of the certified product with the applicable specification(s);
- d) inspects and approves all in-plant and test laboratory test facilities for use in this Certification Program (test laboratories are approved by the SGCC® Certification Committee);
- e) publishes and mails the SGCC® Certified Products Directory on or about January 1 and July 1 of each year;
- f) handles all routine clerical duties of SGCC® with respect to certification matters;
- g) acts as SGCC® treasurer, invoices licensees, maintains a bank account and disburses funds (fiscal reports are made to the SGCC® Certification Committee);
- h) furnishes all testing, except for initial or prototype tests;
- i) attends all scheduled meetings of the SGCC® Certification Committee and;
- j) in all of its actions, acts in the name of SGCC®.

CERTIFIED PRODUCTS DIRECTORY

This directory contains a listing of the certified safety glazing materials of each licensee.

CERTIFICATION LABEL

The certification label, containing a number that refers to the listing in the Certified Products Directory, is permanently affixed to each piece of certified safety glazing material by the licensee. The listing, in the directory, provides a complete product description including licensee's name, location, etc.

PROGRAM RESPONSIBILITY

The SGCC® Board of Directors has overall responsibility for the well being and acceptance of the Certification Program by industry, building officials and the public. It also bears corporate legal responsibility.

The SGCC® Certification Committee has the responsibility for the general procedure and policy pertaining to the conduct of the Certification Program. As a part thereof, it:

- a) establishes certification "guidelines;"
- b) determines, where a question is raised by a licensee or the Administrator, the applicability of the specification(s) in specific situations.
- c) approves testing laboratories;
- d) determines which specifications are to be designated effective for the purposes of product certification and the date or dates on which they become effective;
- e) recommends to the SGCC® Board of Directors changes to be made in the license agreement.

CERTIFICATION GUIDELINES AND INTERPRETATIONS

For guidance in certifying safety glazing materials, the SGCC® Certification Committee has adopted the following:

GENERAL

G.1

Participation in the Certification Program will be on a January 1 to June 30 and July 1 to December 31 basis.

G.2

Tests for initial compliance of safety glazing materials to ANSI Z97.1-1984 and/or 16 CFR 1201 will be accepted from any testing laboratory approved by the SGCC® Certification Committee.

G.3 (ANSI ONLY)

Paragraph (1) Section 5.1.3 of ANSI Z97.1-1984 is intended to apply to laminated, wired and organic coated glass only. Paragraph (2) is intended to apply to tempered glass only. Paragraph (3) is intended to apply to plastics only. Paragraph (4) is intended to apply to any safety glazing material.

G. 4

For insulating glass units to be considered safety glazing material, each light in the construction must be of safety glazing material.

G.5

The SGCC® item number, when used as part of a permanent label designates the name of the licensee (participant) and also the location of the manufacturing plant.

G.6

- a) All test specimens, except prototype samples, must be marked with the correct SGCC® permanent label prior to testing in order to be considered a valid sample. It is the responsibility of the licensee to ensure the specimens being represented to the Administrator's representative are properly labeled. The administrator shall construe the absence of a correct permanent label as a failure to comply with the specifications. In such case of noncompliance, Sections a, c, and e of G.11 shall be followed. (Revised 3/16/90)
- b) The laboratory shall verify that the label has the correct SGCC® number, designation of the applicable specification(s) and CPSC categories, nominal thickness, and certified size designation (U or L).
- c) The testing laboratory is to advise the administrator of any specimen to which the correct SGCC® permanent label is not affixed. The testing laboratory will be instructed by the administrator not to test but hold the sample.
- d) The administrator will inform the licensee of the situation and direct (by letter) the testing laboratory to commence testing no later than 30 days hence. Until that time, the testing laboratory is instructed to make these specimens available to the licensee at their convenience (the specimens are to remain at the testing laboratory) in order that the licensee may point out or show them that in fact the SGCC® permanent label is correct or agree that in fact the correct SGCC® permanent label is not present. In cases of any dispute between the licensee and the testing laboratory the decision of the administrator shall be final. The licensee shall not mark specimens after receipt at the testing laboratory.

(ANSI ONLY)

- e) As of July 1, 1985 the SGCC® permanent label must contain ANSI Z97.1-1984 in order to be considered a correct permanent label for purposes of Guideline G.6.

G.7 (ANSI ONLY)

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 5.1 (impact tests) and 5.4 (aging tests) of ANSI Z97.1-1984 irrespective of the composition or construction of the glazing material. Like products and materials produced in the same manner as samples submitted for test shall be legibly and permanently marked in one corner with the words "Indoor Use Only" and the SGCC® identification number.

G.8 (ANSI ONLY)

After initial compliance with a sample size as stated in Paragraph 4.3, testing of other sizes which represent the sizes manufactured may be allowed, provided however that all sizes produced up to the size provided by Paragraph 4.3, ANSI Z97.1-1984 are exposed to selection for testing.

G.8 (CPSC ONLY)

After initial compliance with a sample size as stated in Table 1, testing of other sizes which represent the sizes manufactured may be allowed, provided however that all sizes produced up to the size provided in the standard 16 CFR 1201 are exposed to selection for testing.

G. 9

Specimen sizes from 16 inches by 30 inches up to 34 inches by 76 inches shall be valid samples when independently obtained by the administrator for purposes of routine evaluation. (Revised 4/28/00)

G.10

In cases where the administrator samples and identifies specimens for routine evaluation of the licensee's premises or requests licensee's samples when none are available at the time of sampling:

- a) The licensee is permitted 6 weeks in which to effect delivery of said specimens to the administrator's designated testing laboratory.
- b) Failure to act as specified above shall be construed by the administrator as failure of the said specimens to comply with the specifications and the administrator shall act as provided for in license agreement A.6.

G.11

In cases where a routine evaluation sample fails to comply with the specifications:

- a) Written notice and an invoice shall be sent to the licensee by the administrator stating that within 30 days from the date of such notice the licensee must submit a retest sample to the testing laboratory selected by the licensee with the concurrence of the Administrator.

Certification shall be removed if the sample and payment are not received within the allotted 30 days or if the sample submitted fails to comply with the specifications.

- b) Within 3 months the administrator shall obtain an additional random sample for evaluation (in addition to the routine evaluation sample obtained twice a year). The administrator shall be certain that this additional sample is of recent production.
- c) At the option of the administrator, specimens submitted under a) above shall be either prototype size and pattern or identical to those previously sampled and of recent production.
- d) Certification shall be removed if the additional random sample obtained in b) above fails to comply with the specifications.
- e) All costs related to G.11 are to be borne by the licensee.
- f) If the retest procedure is required, all routine inspections and sample selections will continue. However, routine testing for the next period will be suspended pending the outcome of the retest procedure. If the product is decertified, the prepaid fee for routine testing for the next period (but not the Administrative and Contingency fees) will be refunded.

G.12

If a licensee who manufactures or contracts for the manufacture of a certified product outside the United States and Canada feels that in a particular instance that he will be unable to act as provided for in paragraph

- a) of SGCC® Guideline G.11, he should notify the administrator. The administrator will then contact the chairman of the certification committee for a decision as to what action is to be taken.

G.13 (Deleted 5/6/99)

G.14

The semi-annual invoicing date for certification fees shall be April 1 and October 1 of each year and the administrator is instructed to take those steps necessary to remove certification from Licensees for failure of payment. (Modified 10/20/89)

The Administrator shall initiate de-certification procedures on products for a given Licensee's failure to pay any monies due to SGCC® within 60 days of invoice date. (Reference License Agreement A.2, A.7, A.12, and B.6.)

The invoice procedures will be as follows:

- a) Semi-Annual SGCC® invoices will be mailed on or before April 1 and October 1 of each year. Payment is due May 1 and November 1 respectively.

- b) For all overdue invoices as of May 1 and November 1, a phone call will be made as a reminder and to insure that the Licensee received the invoice. A letter will follow the phone call.
- c) For all overdue invoices as of May 15 and November 15, an overnight letter, return receipt requested, will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent certified mail fifteen (15) days from the mailing of the overnight letter if payment is not received. With de-certification, a Licensee will no longer be an SGCC® participant and its certified products will not appear in the CPD.

G.15

In the situation where a licensee desires to re-certify a product that previously had certification removed because of failure to comply with the specifications (label and thickness tolerances excepted), the product shall be routinely sampled four times during the first year. The licensee shall pay the costs involved.

G.16

The nominal thickness designations in SGCC® authorized permanent labels for safety glazing materials may be shown in metric units. The thickness will be expressed in millimeters, limited to two decimal places and will have the suffix "mm."

G.17

When testing to ANSI only or CPSC 16CFR only, four samples shall be required for impact testing. For all specimens that are not symmetrical from surface to surface, an equal number of specimens shall be impacted on each side. (Revised 10/28/99)

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, wired glass, rigid plastic, or organic coated glass, may be cut into smaller pieces by a distributor or installer after manufacture and it is not practical for each smaller piece to bear a manufacturer's permanent label when finally installed in a building. When this is the case, the distributor or installer shall apply a permanent label to each piece which states his name and certifies that he cut the piece from material that was properly labeled in accordance with the requirements of SGCC® (refer to "SGCC Label Requirements" for additional information). (Revised 10/25/01)

For the purpose of this guideline, a permanent label is defined as one that will remain permanently legible and would be destroyed in attempts to remove it from the product.

G.19 (Deleted 10/20/89)

G.20

For certification purposes, a panel of glazing material composed of multiple components (such as leaded glass) may be tested and interpreted as a unit.

G.21

A pre-issued SGCC® certification number shall be issued by the administrator upon receipt of a properly executed license agreement and a properly executed bond form in the amount of \$10,000. The pre-issued SGCC® certification number, if not used by the licensee, will be terminated twelve months from the date of issue. The condition of the bond is such that if the licensee does not label any safety glazing material with the pre-issued certification number prior to formal certification then the bond shall be void.

G.22

In the case of wired glass (ANSI ONLY), plastics and organic coated glass certification of a patterned product may be extended to cover other patterns provided:

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1-1984 and/or 16 CFR 1201 for each alternate pattern proposed.

- c) The certification committee is provided with a 6 by 6-inch sample of each proposed alternate for its record and file. This must be sent to the administrator of the certification program.

After admission under blanket certification covering patterned products, any such patterns available may be selected by the administrator for routine sampling and testing.

In the case where a routine evaluation sample, covered under a blanket certification, fails to comply with the specifications, the situation requires that the particular product be submitted for the retest sample required by Guideline G.11a and also that particular product be sampled by the administrator for the additional sample required by Guideline G.11b.

G.23

There may be instances when a production facility is temporarily inoperative. This could be caused by, but not limited to, equipment repair or replacement, labor difficulties, energy or material shortages or economic considerations. As a consequence, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period. This shall be done as follows:

- a) Prior to or within 2 weeks after the shutdown, the licensee shall inform the SGCC® administrator by certified mail.
- b) The SGCC® administrator will immediately supply the licensee with test release bond forms for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within 2 weeks after receipt of the bond forms, the licensee shall submit them to the SGCC® administrator.
- 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 terminate 90 days after acceptance by SGCC® but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein.
- e) Within one week after re-activation of the production facility the licensee shall 1) notify the SGCC® administrator by certified mail and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G. 24

When a licensee's production equipment will not produce a size of 34 by 76 inches and the licensee wishes to certify a) a size whose smaller dimension exceeds 34 inches, material shall be tested whose smaller dimension is 34 inches or b) a size whose larger dimension exceeds 76 inches, material shall be tested whose larger dimension is 76 inches.

G.25 (ANSI ONLY)

When a licensee specifically and voluntarily desires to use a SGCC® permanent label on their product that denotes compliance with ANSI Z97.1-1966, ANSI Z97.1-1972, ANSI Z97.1-1975, and ANSI Z97.1-1984 or combination thereof, that they notify SGCC® in writing of the certified item that they desire to so mark. SGCC® will, at the request of the licensee, conduct compliance tests to ANSI Z97.1-1956, ANSI Z97.1-1972, ANSI Z97.1-1975 and ANSI Z97.1-1984 or combination thereof. A single set of four test specimens will be impacted to determine impact test requirements of all standards. Upon successful completion of compliance tests the safety glazing materials are permanently labeled and listed in the SGCC® certified products directory as having met the requirements of 1966, 1972, 1975 and 1984 versions or combination thereof the ANSI Z97.1 standard. The licensee shall pay any costs involved.

G.26

Any label that can be removed intact shall not be considered permanent and is not acceptable to SGCC®.

G. 27

A licensee at time of prototype submission, should determine if certification shall be for CPSC, ANSI, or both (Composite). The licensee shall be issued only one SGCC® number for Composite certification for each product. The licensee will submit four samples to be impact tested to ANSI Z97.1 and one specimen to be impact tested to 16 CFR 1201 (for all specimens that are not symmetrical from surface to surface a total of six impact test specimens must be submitted, four being tested to ANSI and two being tested to CPSC 16CFR 1201, with an equal number of specimens being impacted on each side). If any one specimen of the Composite sample fails, the entire Composite sample will be considered to have failed to comply with both standards. (Revised 10/28/99)

G. 28

The administrator shall construe noncompliance with thickness tolerance as a failure to comply with the specifications. In such cases of noncompliance, Sections a, c, and e of G.11 shall be followed.

G. 29

For the purposes of certification, the thickness requirements of Specification ASTM C1036 shall apply.

G. 30

For certification purposes, the minimum thickness shall be 0.092 and the maximum thickness shall be 0.108 inches for 0.100 inch glass.

G.31

For certification purposes, the nominal thickness of single strength patterned glass shall be 0.094 inches and thickness tolerances shall be plus 0.047 inches and minus 0.015 inches.

G.32 (CPSC ONLY)

When testing to category II requirements, the administrator shall select specimens greater than 9 square feet in surface area.

G.33

If a manufacturing plant for which a product is certified is sold, the new owner or licensee must take the following steps to maintain certification:

- a) Notify the administrator in writing of the sale as soon as possible (and in no event, later than 60 days) after the sale;
- b) Execute a new license agreement, if the new owner is not already a licensee; and
- c) Exercise the option of maintaining the original licensee's SGCC® number(s) or requesting new numbers. If the new owner chooses to keep the existing number(s), the logo on the certified product must clearly distinguish it from the previous owner's.

The administrator shall arrange for the next routine sampling to take place within 6 months of the sale. If the plant is temporarily inoperative in connection with the sale, the provisions of G.23 shall also apply.

TEMPERED TRANSPARENT GLASS

T.1

Certification of either flat glass or patterned glass will not cover the other except as noted in Guideline T.2. (Flat glass designates ground and polished plate, float and sheet glass.) When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/93)

T.2

Polished plate glass and the rough glass blank from which it is produced will be considered to be of equal nominal thickness. Certification of tempered flat glass will therefore be interpreted as including tempered rough plate blank.

T.3

Certification of regular tempered glass will also cover tinted, heat absorbing, and coated glasses of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate. A "substantial alteration" is one that would render the coated tempered glass in non-conformance with the applicable safety glazing standards. Glasses of the same nominal thickness with a ceramic or other

Materials applied as a continuous or partial coating to one or more surfaces are also covered. (Modified 04/02/92)

T.4

In cases where certified glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production and these will be accepted by the administrator if other samples are not available. Otherwise, when production samples are not available, the administrator shall notify the licensee to submit prototype size samples to the administrator within six weeks.

T.5

Certification of any nominal thickness of tempered safety plate, float or sheet glass will also cover the other two types. ANSI Z97.1-1984 and 16 CFR 1201 do not require the permanent label on tempered safety glass to specify which type of glass is used. Nor is it required that the test specimens be identified in this regard.

T.6

Prototype test shall be conducted on bent specimens sampled from normal production run. The specimen size shall have a surface area of at least 50 percent of the maximum size for which certification is desired. Routine tests will be performed on bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side of the curved edges. Impact shall be on the convex surface.

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, and grooving as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product) (Revised 10/01/02)

TEMPERED PATTERNED GLASS

TP. 1

For the purposes of certification, the nominal thickness of patterned, figured, or rough rolled glass are the common fractions found in ASTM C1036. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/93)

The patterns in each thickness will be classified as to the ratio of minimum to maximum thickness as follows:

Patterned Depth Class	Ratio
Shallow patterned glass	0.90 or above
Medium patterned glass	0.80 through 0.89
Deep patterned glass	0.79 or below

Certification will be by nominal thickness and patterned depth class. Any pattern in a certified thickness and patterned depth class is certified.

New or unlisted patterns must be submitted to the pattern subcommittee for classification and file prior to certification. After measurement, the new pattern will be assigned to a patterned depth class.

Certification of deep also covers medium and shallow patterns of the same nominal thickness.

Certification of medium also covers shallow patterns of the same nominal thickness.

TP. 2

The maximum thickness shall be recorded when measuring the thickness of patterned glass.

TP.3

For tempered patterned glass, one specimen must be weighed and the weight of ten square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4

For certification purposes, the nominal thickness of 210 tempered patterned glass shall be 0.210 inches and thickness tolerances shall be plus 0.031 inches and minus 0.016 inches.

TP.5

When medium patterned glass is not available for routine sampling, the licensee submitted specimens must be a medium pattern (a shallow pattern is not acceptable).

TP.6

When deep patterned glass is not available for routine sampling, the licensee submitted specimens must be a deep pattern (shallow or medium patterns are not acceptable).

LAMINATED GLASS**L.1**

Certification of regular laminated glass will also cover tinted, heat absorbing and coated glasses, and clear or tinted interlayer, both flat and bent of the same nominal thickness. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/93)

L.2

In cases where certified laminated glass is normally not available for sampling the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production and these will be accepted by the administrator if other samples are not available.

Otherwise, when production samples are not available the administrator shall notify the licensee to submit prototype size samples to the administrator within six weeks.

L.3

Certification of 7/32 inch laminated glass also covers SS/DS and vice versa.

L.4

When a laminated glass is certified, other laminated glasses having the same thickness or thicknesses of glass and a greater thickness of plastic interlayer will be considered to be of equal nominal thickness and will be included in the certification.

L.5

Laminated safety glass need not be identified by type of base glass.

L.6

Thickness of the plastic interlayer shall be measured by the SGCC® standard method.

L.7

For certification purposes the following thickness tolerances shall be used. Thickness tolerance shall apply only to the overall thickness. The plus tolerance shall be the sum of all the individual plus tolerances of each layer of the laminate. The minus tolerance shall be the sum of all of the individual minus tolerances of each layer of the laminate.

The tolerance of the plastic sheet interlayer shall be based on the nominal thickness of the interlayer with a plus tolerance of 0.002 and a minus tolerance of 0.004 inches.

The tolerance of resin cast interlayers shall be based on the nominal thickness of the interlayer with a plus tolerance of 0.015 and a minus tolerance of 0.005 inches. (Revised 3/16/90)

L.8

When a laminated annealed glass is certified, other laminated glasses having the same thickness or thickness' of heat strengthened or tempered glass and the same or greater thickness of plastic interlayer of the same chemical composition will be considered to be included in the certification.

L.9

When laminated glass is not available for routine sampling, the licensee submitted specimens must contain the identical thickness plastic interlayer that was contained in the prototype specimens.

WIRED GLASS (ANSI ONLY)

W.1

Certification of one polished wired glass may be applied to other polished wired glasses provided:

- a) The glass thickness of the candidate glass is nominally equal to the thickness of the glass that is certified.
- b) The wire diameter of the candidate glass is at least as great as the wire diameter in the glass that is certified.
- c) The spacing of the wires in the candidate glass is no greater than the spacing of the wires in the glass that is certified.
- d) SGCC® has been presented with a test report indicating compliance of the candidate glass with the impact test requirements of ANSI Z97.1-1984

After admission under the blanket certification covering wired glasses, all wired glasses so certified, must be exposed to random sampling at each examination although only one will probably be selected for testing.

PLASTICS - GENERAL (ANSI Only)

P.1

Certification of one tint or color of rigid plastic will also cover other tints, colors, flat configurations or bent and formed configurations.

P.2

For certifying all plastics covering a range of thicknesses, prototype impact tests are required of the minimum thickness and also of the maximum thickness (except that 0.250 inch thickness would be tested if the maximum thickness exceeds 0.250 inches). Only one certification number will be issued and shall be marked upon all thicknesses. Routine evaluation samples are to be selected by the administrator from any of the certified thicknesses.

P.3

The following thickness tolerances shall be used for certification purposes:

Outdoor use plastic materials Categories C-1 and C-2 cast Acrylic, (including continuously cast sheet): As specified in ASTM-D4802-88, Table 2 and Table 3.

Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-88 Table 2 plus or minus 5%.

Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.

Indoor use plastic materials plus or minus 5% of nominal thickness.

P.4

The maximum thickness shall be recorded when measuring the thickness of patterned plastics.

P.5

Certification of either smooth plastic or patterned plastic will not cover the other.

PLASTICS - EXTERIOR USE (ANSI Only)

PE. 1 (ANSI ONLY)

Sheet plastics for exterior use must comply with the applicable specification.

PE. 2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1-1984 weathering tests (paragraph 5.3) provided that a considered expert opinion states that the infrared spectrogram indicates that the plastic is an acrylic or UV, inhibited polycarbonate of proven weatherability. Certification shall be removed if compliance with the weathering test is not demonstrated within six months of the certification date.

PE. 3

For all plastics requiring UV weathering tests an infrared spectrogram shall be obtained of all prototype weathering specimens. An infrared spectrogram shall be obtained of all routine evaluation samples and shall be compared with that of the prototype in lieu of conducting weathering test. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

PE.4

When initial Charpy unnotched specimens do not break, then notched specimens shall be used for both initial and exposed Charpy impact testing. The specimens shall be notched prior to UV exposure and the notched surface shall be exposed to the UV.

PLASTICS - INDOOR USE ONLY (ANSI Only)

PI.1

Sheet plastics used in indoor applications only do not have to comply with paragraph 5.3 of ANSI Z97.1-1984 (UV Weathering), but must comply with paragraph 5.4.

PI.2

The permanent label authorized by SGCC® must include "Indoor Use Only."

PI.3

For all indoor plastics requiring aging tests, an infrared spectrogram shall be obtained of all prototype aging specimens. An infrared spectrogram shall be obtained of all routine re-evaluation samples and shall be compared with that of the prototype in lieu of conducting aging tests. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

LEADED PATTERNED ANNEALED GLASS - (ANSI ONLY)

LG. 1

Certification of one leaded patterned glass (annealed) may be extended to cover other patterns (on the glass surface) provided:

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1-1984 for each alternate pattern proposed.
- c) The certification committee is provided with a 6 by 6 inch sample of each proposed alternate for its record and file. This must be sent to the administrator of the certification program.
- d) After admission under blanket certification covering leaded patterned glass (annealed), any such patterns available may be selected by the administrator for routine sampling.

LG .2

Certification of one diamond shaped leaded patterned glass (annealed) may be extended to cover other sizes of diamonds provided:

- a) All aspects of the product except diamond size is the same as the certified product.
- b) The administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1-1984 for each alternate size diamond proposed.

- c) The certification committee is provided with a 6 by 6 inch or a proper and representative sample of each proposed alternate for its record and file. This must be sent to the administrator of the certification program.

After admission under blanket certification, any such size diamond available may be selected by the administrator for routine testing.

LG .3

For leaded diamond patterned glass (annealed) the tolerance for diagonal coming center dimensions shall be plus or minus 12 percent.

Prototype samples must have diagonal coming center dimensions 10 percent greater than nominal. Diamond size listed in the Certified Products Directory shall be nominal dimensions.

ORGANIC COATED GLASS

AG.1

Thickness of the applied plastic coating shall be measured by the SGCC® standard method. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/93). For organic coated - hybrid, reference memorandum 940329-1.

AG .2

The SGCC® authorized permanent label, which complies with Guideline G.26 must be imprinted upon or applied to a surface of the plastic for all plastic coated annealed glasses.

(ANSI ONLY)

Prototype test shall be conducted on bent specimens of the surface area at least 50 percent of the maximum size for which certification is desired. Routine tests may be conducted on flat or bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side for the curved edges. Two specimens shall have organic coating on the concave surface and two on the convex surface. Impact shall be on the convex surface.

January 1, 2003

~SGCC® LABEL REQUIREMENTS~

GENERAL

Unless the SGCC® certification label is permanently affixed to each piece of safety glazing material, it is not covered by the SGCC® certification program.

The permanent labels illustrated elsewhere in this Certified Products Directory are examples of some of those found on safety glazing materials certified by SGCC®.

The permanent label must contain the correct SGCC® number, ANSI Z97.1-1984 and/or 16 CFR 1201 (and category), the nominal thickness, and the letter U or L, indicating certified size.

For labeling purposes, a line of demarcation shall separate those specifications covered by the SGCC® number from any other specifications the licensee may wish to reference.

For purposes of Guideline G.6 "SGCC-xxx/yyy" shall be the only correct designation other than "SGCC-xxx" and "SGCC-yyy" when an identical item is in both the ANSI and CPSC programs per the following examples:

EXAMPLES

ANSI Z97.1-1984
16 CFR 1201 II
SGCC®-123/691 U

ANSI Z97.1-1984 SGCC®-123 U
16 CFR 1201 II SGCC®-691

The permanent label must be affixed to certified products ONLY at the time and place of manufacture (except for situations covered by Guideline G.18 and as stated below. (Revised 10/25/01)

Labeling of Cut Sheet Safety Glazing (refer to Guideline G.18)(added 10/25/01)

When a distributor or installer wishes to include the SGCC® label on pieces of safety glazing cut from properly fabricated, labeled, and SGCC® certified product, the following shall apply:

- 1.) The designation "C/F" for "Cut From" shall appear in front of the SGCC® number.
- 2.) The Distributor or Installer must have written permission to do so from the primary SGCC® certified producer. This written permission should address such issues as label accountability and application, differentiation between multi-source suppliers and a time frame or scope of labeling.
- 3.) Since SGCC® shall have no formal relationship with the distributor or installer, proper application and use of the SGCC® label shall be the responsibility of the SGCC® licensee producing the product.
- 4.) If the SGCC® label is not used, SGCC® has no jurisdiction.

EXAMPLES

SGCC® Licensee or Primary Producer
Company ABC (optional)
Laminated Glass (optional)
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC® 9999 6mm U

Authorized Distributor or Installer
Company XYZ (optional)
Laminated Glass (optional)
ANSI Z97.1-1984
16 CFR 1201 CII
C/F SGCC® 9999 6mm U

The permanent label must be affixed ONLY to safety glazing materials of the licensee, which are certified in the SGCC® certification program.

The permanent label must not be sold, transferred or otherwise disposed of in any manner other than being affixed to the licensee's certified product.

The permanent label must NOT be affixed to any product from which certification has been withdrawn or which is produced with a process basically different from the one used to manufacture the initial or prototype samples.

ANSI (ONLY)

"After having successfully passed the appropriate tests, like products and materials produced in the same manner as samples submitted per test shall be legibly and permanently marked in one corner with the characters ANSI Z97.1-1984 - INDOOR USE ONLY' and shall be marked also with the manufacturer's distinctive mark or designation." Quoted from ANSI Z97.1-1984

"Organic-coated glass materials shall be permanently marked on the organic coating with a label, including the phrase, GLAZE THIS SIDE IN' to indicate to the installer, inspector or user which side of the organic-coated glass should be exposed to the elements if there is a specific side that should be exposed." Quoted from ANSI Z97.1-1984

CPSC (ONLY)

"Any glazing material that for accelerated environmental durability tests meets only the requirements of 1201.4 (e)(ii)(c) entitled Plastic (indoor service)' shall bear the statement INDOOR USE ONLY' as a part of the permanent label." Quoted from 16 CFR 1201.

"Organic-coated glass that has been tested for environmental exposure from one side only must bear a permanent label on the coating stating GLAZE THIS SIDE IN' and shall bear in the central 50 percent of the surface in letters at least 3" inch high: SEE PERMANENT LABEL FOR IMPORTANT MOUNTING

INSTRUCTIONS.' The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation." Quoted from 16 CFR 1201.

CPSC ACT LABELING REQUIREMENTS

The following information is provided for the guidance of the licensee and is not a requirement of the SGCC® certification program.

The Consumer Product Safety Act defines a private labeler and permits private labeling as long as a manufacturer is identified, which can be in code. A "private labeler" means an owner of a brand or trademark on the label of a consumer product, which bears a private label.

Per CPSC Advisory Opinion, dated April 12, 1984, a label on the material or product is acceptable as a certificate of compliance meeting the requirements of the CPSC if the label contains the same information required of a certificate of compliance. This information must include the date of manufacture, the place of manufacture, and the name of the manufacturer, importer, or private labeler. The certificate of compliance may also be a separate document, which accompanies the material or product or is otherwise furnished to each distributor or retailer.

With respect to the CPSC requirement that the certificate of compliance name the manufacturer, a label meets that requirement if it includes a suitable identification of the manufacturer of the product (unless the product bears a private label), in which case it shall identify the private labeler and shall also contain a code mark which shall permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.

As set forth in SGCC® certification guideline G.5, the SGCC® number designates the name of the licensee and also the location of the manufacturing plant; however, it does not designate the date of manufacture.

CLASSIFIED TEMPERED GLASS PATTERNS**1/8 inch shallow**

(01) P-516	(02) Luxlite	(03) Factorlite	(09) Spraylite	(32) Muralex	(34) Velvex	(36) Ribbed
(37) Aquatex	(38) Finetex	(39) Industrex	(82) Pattern 62	(83) Pointex	(86) Showerlite	(87) Heliolite
(117)Solatex	(120)Sunadex	(147)Solatex I	(150)Solatex II	(168)Pattern 50	(170)Crepe	

1/8 inch medium

(04) Rattan	(05) Cotswold	(06) Patchwork	(07) Burlap	(08) Smooth Rough	(11) Flemish	(31) Skytex
(33) Seashell	(35) Flax	(52) Pattern 73	(56) Syenite	(57) Pattern 299	(154)Rain	(160)Model 10
(162)Model 11	(164)Model 12	(165)Spotswood	(167)Leaf			

1/8 inch deep

(10) Autumn

5/32 inch shallow

(59) Luxlite	(60) Factorlite	(64) Spraylite	(70) Mulalex	(72) Velvex	(74) Ribbed	(75) Aquatex
(76) Finetex	(81) Pattern 6	(88) Pattern 100	(118)Solatex	(121)Sunadex	(123)P-516	(124) Heliolite
(126)Pattern 62	(127)Mistron Ace	(128)Showerlite	(148)Solatex I	(151)Solatex II	(153)Flax	(156) Clar 104
(157)Model 10	(158)Pontilhado	(161)Model 11	(162)Model 12	(176)Hammered	(177)Industrex	(182) Sycamore
(183)Stippolyte	(185)Pelerine	(186)Oak	(190)Florielle	(193)Contour	(194)Charcoal Sticks	
(195)Chantilly	(206)Strata	(207)Matrix				

5/32 inch medium

(61) Cotswold	(62) Burlap	(63) Smooth Rough	(66) Flemish	(69) Skytex	(71) Seashell	(73) Flax
(77) Pattern 73	(78) Syenite	(79) Pattern 229	(80) Pattern 76	(130)Cathedral	(146)Pattern 28	(155)Rain
(181)Taffeta	(187)Minster	(188)Mayflower	(191)Everglade	(192)Digital	(196)Arctic	

5/32 inch deep

(65) Autumn	(67) Oceanic	(68) Roundel	(173)Fluted	(180)Warwick	(184)Reeded	(189)Linkon
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3/16 inch shallow

(50) Pattern 62	(51) P-516	(54) Showerlite	(116)Heliolite	(119)Solatex	(122)Sunadex	(125)Spraylite
(131)Industrex	(132)Velvex	(133)Aquatex	(134)Pattern 100	(135)Pattern 6	(136)Burlap	(137)Factrolite
(138)Satinlite	(139)Pluralite	(140)Flax	(141)Skytex	(142)Chinchilla	(149)Solatex I	(152)Solatex II
(159)Model 10	(171)Crepe	(172)Pebble				

3/16 inch medium

(58) Pattern 76	(143)Seashell	(144)Syenite	(145)Flemish	(176)Rain
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3/16 inch deep

(12) Oceanic	(13) Roundel	(14) Lozenge	(174)Krystal Flutes	(178)Flutex	(179)Bamboo
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.210 inch shallow

(89) Velvex	(90) Muralex	(91) Industrex	(92) Aquatex	(93) Pattern 100	(94) Pattern 6	(95) Pattern 62
(96) Spraylite	(97) Burlap	(98) Factrolite	(99) Satinlite	(100)Luxlite	(101)J-3	(102)P-516
(103)Smooth Rough	(105)Cascade	(106)Pluralite	(108)Flax	(110)Skytex	(115)Chinchilla	

7/32 inch shallow

(14) Velvex	(15) Muralex	(16) Industrex	(17) Aquatex	(18) Pattern 100	(19) Pattern 6	(20) Pattern 62
(21) Spraylite	(22) Burlap	(23) Factrolite	(24) Satinlite	(25) Luxlite	(26) J-3	(27) P-516
(28) Smooth Rough	(30) Cascade	(42) Pluralite	(44) Flax	(46) Skytex		
(50) Textured Plate	(84) Chinchilla	(129)Orange Peel				

7/32 inch medium

(42) Seashell	(45) Beadex	(47) Syenite	(48) Flemish	(49) Textured Linex
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7/32 inch deep

(29) Lizenge	(53) Boardlite
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1/4 inch shallow

(169)P-516	(197)Strata	(198)Staccato	(200)Matrix	(203)Autumn
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1/4 inch medium

(175)Fluted	(199)Reeded	(201)Flemish	(202)Everglade
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3/8 inch shallow

(204)Rain	(205)Stippolyte
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Note: Numbers in parenthesis represent internal coding.

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Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12	Virginia Glass Products Corp.	970	Guardian Inds. Corp.	1359	Guardian Fabrication Inc.
14	Virginia Glass Products Corp.	971	Guardian Inds. Corp.	1382	Oldcastle Glass Bensenville
24	AFG Inds., Inc.-TN	999	Anthony International	1383	Oldcastle Glass Bensenville
28	AFG Inds., Inc.-TN	1000	Anthony International	1384	Oldcastle Glass Bensenville
40	Guardian Inds. Corp.	1035	Shaw Glass Co.	1390	AFG Inds., Inc.-TN
64	PPG Inds., Inc.	1036	Shaw Glass Co.	1403	Viracon, Inc.
89	AFG Inds., Inc.-TN	1037	Shaw Glass Co.	1404	Viracon, Inc.
90	AFG Inds., Inc.-TN	1039	Oldcastle Glass Perrysburg	1405	American Flat Glass Dist.
93	Virginia Glass Products Corp.	1073	Interpane Glass Company	1406	American Flat Glass Dist.
94	Virginia Glass Products Corp.	1074	Interpane Glass Company	1414	AFG Inds., Inc.-TN
95	Virginia Glass Products Corp.	1075	Interpane Glass Company	1416	Nashville Tempered Glass Corp.
118	Flex-O-Glass, Inc.	1076	Interpane Glass Company	1417	Nashville Tempered Glass Corp.
131	Guardian Inds. Corp.	1077	Interpane Glass Company	1420	Oldcastle Glass Perrysburg
220	AFG Inds., Inc.-TN	1107	ACI Distribution	1422	Gemtron-Sweetwater
249	PPG Inds., Inc.	1108	ACI Distribution	1424	Gemtron-Sweetwater
250	PPG Inds., Inc.	1110	PPG Inds., Inc.	1428	American Flat Glass Dist.
295	PPG Inds., Inc.	1111	PPG Inds., Inc.	1453	AFGD
300	Guardian Fabrication Inc.	1112	PPG Inds., Inc.	1454	AFGD
382	PPG Inds., Inc.	1113	PPG Inds., Inc.	1455	AFGD
400	ACI Distribution	1139	AFG Inds., Inc.-TN	1456	AFGD
402	ACI Distribution	1157	ACI Distribution	1457	AFGD
471	Guardian Fabrication Inc.	1161	Guardian Inds. Corp.	1462	Guardian Canada Corp.
514	Oldcastle Glass Los Angeles	1179	ACI Distribution	1467	Nashville Tempered Glass Corp.
515	Oldcastle Glass Los Angeles	1201	Gemtron-Sweetwater	1477	Gemtron-Sweetwater
516	Oldcastle Glass Los Angeles	1216	Guardian Fabrication Inc.	1485	AFGD, Div. of AFG Inds., Ltd.
520	Anthony International	1225	ACI Distribution	1486	AFGD, Div. of AFG Inds., Ltd.
587	AFG Inds., Inc.-TN	1230	American Flat Glass Dist.	1489	AFGD, Div. of AFG Inds., Ltd.
592	Oldcastle Glass Perrysburg	1231	American Flat Glass Dist.	1496	ACI Distribution
594	Oldcastle Glass Perrysburg	1232	American Flat Glass Dist.	1497	ACI Distribution
595	Oldcastle Glass Perrysburg	1235	Guardian Fabrication Inc.	1498	ACI Distribution
598	AFG Inds., Inc.-TN	1248	Guardian Inds. Corp.	1508	Viracon, Inc.
630	Oldcastle Glass Los Angeles	1249	Guardian Inds. Corp.	1509	Viracon, Inc.
631	Guardian Inds. Corp.	1250	Guardian Inds. Corp.	1518	AFGD Glass
633	Guardian Inds. Corp.	1251	Guardian Inds. Corp.	1519	AFGD Glass
640	ACI Distribution	1253	Guardian Inds. Corp.	1520	AFGD Glass
662	Guardian Fabrication Inc.	1282	Guardian Inds. Corp.	1521	AFGD Glass
675	PPG Inds., Inc.	1301	Guardian Inds. Corp.	1522	AFGD Glass
676	PPG Inds., Inc.	1303	Guardian Inds. Corp.	1523	AFGD Glass
678	Oldcastle Glass Los Angeles	1304	Guardian Inds. Corp.	1535	ACI Distribution
862	Tempered Glass, Inc.	1308	Traco (Three Rivers Alum)	1536	Oldcastle Glass Bensenville
863	Tempered Glass, Inc.	1310	Traco (Three Rivers Alum)	1546	Floral Glass & Mirror
865	Tempered Glass, Inc.	1311	Traco (Three Rivers Alum)	1547	Floral Glass & Mirror
866	Tempered Glass, Inc.	1316	Guardian Inds. Corp.	1548	Floral Glass & Mirror
933	Guardian Inds. Corp.	1318	Guardian Inds. Corp.	1549	Floral Glass & Mirror
934	Guardian Inds. Corp.	1332	Gemtron-Sweetwater	1550	Floral Glass & Mirror
935	Oldcastle Glass Los Angeles	1334	Gemtron-Sweetwater	1551	Floral Glass & Mirror
949	AFG Inds., Inc.-TN	1355	Guardian Fabrication Inc.	1555	Swift Glass Co., Inc.
955	AFG Inds., Inc.-TN	1356	Guardian Fabrication Inc.	1556	Swift Glass Co., Inc.
968	Guardian Inds. Corp.	1357	Guardian Fabrication Inc.	1557	Swift Glass Co., Inc.
969	Guardian Inds. Corp.	1358	Guardian Fabrication Inc.	1558	Swift Glass Co., Inc.

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1559	Swift Glass Co., Inc.	1702	AFG Inds., Inc.-KS	1843	Cardinal IG
1563	Temperbent Glass, LP	1703	AFG Inds., Inc.-KS	1844	Cardinal IG
1564	Temperbent Glass, LP	1704	AFG Inds., Inc.-KS	1845	Cardinal IG
1565	Temperbent Glass, LP	1705	AFG Inds., Inc.-KS	1846	Cardinal IG
1575	Guardian Fabrication Inc.	1708	American Flat Glass Dist.	1847	Colonial Mirror & Glass Corp.
1576	Guardian Fabrication Inc.	1709	American Flat Glass Dist.	1848	Colonial Mirror & Glass Corp.
1577	Guardian Fabrication Inc.	1710	American Flat Glass Dist.	1861	ACI Distribution
1578	Milgard Tempering, Inc.	1711	American Flat Glass Dist.	1862	Oldcastle Glass Wausau
1595	Oldcastle Glass Wausau	1712	American Flat Glass Dist.	1864	Sovis North America, Inc.
1596	Oldcastle Glass Wausau	1714	American Flat Glass Dist.	1865	Guardian Inds. Corp.
1597	Oldcastle Glass Wausau	1723	Marvin Windows	1866	Guardian Inds. Corp.
1603	PPG Inds., Inc.	1724	Marvin Windows	1867	Guardian Inds. Corp.
1604	PPG Inds., Inc.	1728	ACI Distribution	1868	Guardian Inds. Corp.
1605	PPG Inds., Inc.	1744	Oldcastle Glass Miami	1870	AFGD
1606	PPG Inds., Inc.	1745	Oldcastle Glass Miami	1871	Shaw Glass Co.
1607	Guardian Fabrication Inc.	1746	Oldcastle Glass Miami	1872	AFGD, Div. of AFG Inds., Ltd.
1608	Oldcastle Glass Los Angeles	1747	Oldcastle Glass Miami	1873	AFGD, Div. of AFG Inds., Ltd.
1609	Oldcastle Glass Los Angeles	1754	All Team Glass & Mirror, Ltd.	1874	AFGD, Div. of AFG Inds., Ltd.
1611	Oldcastle Glass Los Angeles	1755	All Team Glass & Mirror, Ltd.	1875	AFGD, Div. of AFG Inds., Ltd.
1616	Guardian Fabrication Inc.	1756	All Team Glass & Mirror, Ltd.	1879	Oldcastle Glass Telford
1617	AFGD	1757	All Team Glass & Mirror, Ltd.	1880	Oldcastle Glass Telford
1618	AFGD	1758	All Team Glass & Mirror, Ltd.	1881	Oldcastle Glass Telford
1627	Guardian Inds. Corp.	1784	PDC Glass & Metal Services	1882	Guardian Inds. Corp.
1628	Guardian Inds. Corp.	1785	PDC Glass & Metal Services	1886	Guardian Inds. Corp.
1629	Guardian Inds. Corp.	1786	PDC Glass & Metal Services	1889	Commercial Insulating Glass Co.
1630	Guardian Inds. Corp.	1787	PDC Glass & Metal Services	1890	Commercial Insulating Glass Co.
1631	Guardian Inds. Corp.	1788	PDC Glass & Metal Services	1891	Commercial Insulating Glass Co.
1632	Guardian Inds. Corp.	1789	PDC Glass & Metal Services	1901	Efco Corp.
1633	Guardian Inds. Corp.	1790	PDC Glass & Metal Services	1902	Efco Corp.
1634	Guardian Inds. Corp.	1796	Oldcastle Glass Wausau	1908	Coraglass, Inc.
1635	Guardian Inds. Corp.	1797	Oldcastle Glass Wausau	1909	Coraglass, Inc.
1637	Viracon, Inc.	1799	Summit Window & Patio Door	1910	Coraglass, Inc.
1641	AFG Inds., Inc.-CA	1800	Summit Window & Patio Door	1911	Coraglass, Inc.
1642	ACI Distribution	1801	Summit Window & Patio Door	1914	Architectural Safety Glass
1643	ACI Distribution	1803	Guardian Inds. Corp.	1915	Mirror Factory
1644	ACI Distribution	1804	Cardinal TG	1919	ACI Distribution
1645	ACI Distribution	1805	Cardinal TG	1921	Cardinal CG
1652	Oldcastle Glass Telford	1806	Cardinal TG	1922	Cardinal CG
1663	AFG Inds., Inc.-CA	1807	Cardinal TG	1923	Cardinal CG
1664	AFG Inds., Inc.-CA	1826	Guardian Inds. Corp.	1924	Cardinal CG
1665	Guardian Inds. Corp.	1827	Cardinal IG	1925	AFG Inds., Inc.-CA
1676	Contour Industries, Inc.	1828	Cardinal IG	1929	Colonial Mirror & Glass Corp.
1677	Contour Industries, Inc.	1829	Cardinal IG	1938	Sovis North America, Inc.
1678	Contour Industries, Inc.	1830	Cardinal IG	1939	Shaw Glass Co.
1680	Contour Industries, Inc.	1831	Cardinal IG	1945	AFGD, Div. of AFG Inds., Ltd.
1683	Guardian Inds. Corp.	1832	Cardinal IG	1946	Guardian Inds. Corp.
1689	Marvin Windows	1833	Cardinal IG	1947	Guardian Inds. Corp.
1690	Marvin Windows	1834	Cardinal IG	1951	Temperbent Glass, LP
1691	Marvin Windows	1841	Cardinal IG	1957	American Flat Glass Dist.
1701	Marvin Windows	1842	Cardinal IG	1958	American Flat Glass Dist.

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1959	American Flat Glass Dist.	2033	Cameron Glass, Inc.	2158	Mid Ohio Tempering
1962	Coraglass, Inc.	2034	Prelco, Inc.	2159	Mid Ohio Tempering
1963	Coraglass, Inc.	2035	Prelco, Inc.	2160	AFGD Glass
1964	Coraglass, Inc.	2037	Prelco, Inc.	2166	Cardinal LG
1967	American Flat Glass Dist.	2042	Interpane Glass Company	2167	Cardinal LG
1971	Westshore Glass	2043	Interpane Glass Company	2170	Mid Ohio Tempering
1972	Westshore Glass	2044	Interpane Glass Company	2171	Summit Window & Patio Door
1973	Westshore Glass	2045	Interpane Glass Company	2172	Summit Window & Patio Door
1974	Westshore Glass	2048	Prelco, Inc.	2175	Arch Ohio, Inc.
1978	Westshore Glass	2050	Edge Seal Technologies	2176	Cardinal IG
1979	Kohler Company	2051	Edge Seal Technologies	2177	Cardinal IG
1980	Kohler Company	2052	Edge Seal Technologies	2178	Cardinal IG
1981	Kohler Company	2053	Oldcastle Glass Bensenville	2179	Cardinal IG
1982	Kohler Company	2054	American Flat Glass Dist.	2182	Virginia Glass Products Corp.
1983	Kohler Company	2055	Edge Seal Technologies	2185	Glass, Inc.
1984	Kohler Company	2056	Patio Enclosures, Inc.	2186	Glass, Inc.
1985	Cardinal CG	2057	Patio Enclosures, Inc.	2187	Glass, Inc.
1986	Cardinal CG	2058	Patio Enclosures, Inc.	2188	Glass, Inc.
1987	Cardinal CG	2059	Patio Enclosures, Inc.	2189	Glass, Inc.
1988	Cardinal CG	2060	Consolidated Glass Corp.	2190	Glass, Inc.
1990	Berkowitz, J.E.	2062	Vitrierie April, Inc.	2193	Glass, Inc.
1991	Berkowitz, J.E.	2063	Vitrierie April, Inc.	2196	American Flat Glass Dist.
1992	Sovis North America, Inc.	2067	Cardinal CG	2197	American Flat Glass Dist.
1993	Tecnoglass S.A.	2068	Cardinal CG	2198	American Flat Glass Dist.
1994	Tecnoglass S.A.	2069	Cardinal CG	2199	American Flat Glass Dist.
1995	Tecnoglass S.A.	2070	Cardinal CG	2200	American Flat Glass Dist.
1996	Vitrierie April, Inc.	2071	Cardinal CG	2203	Cardinal IG
1997	Vitrierie April, Inc.	2074	Oldcastle Glass Los Angeles	2204	Cardinal IG
1998	Consolidated Glass Corp.	2075	Oldcastle Glass Los Angeles	2205	Cardinal IG
1999	Consolidated Glass Corp.	2077	ACI Distribution	2206	AFG Inds., Inc.-TN
2002	Consolidated Glass Corp.	2101	Coastal Glass Distributors	2210	Oldcastle Glass Indianapolis
2003	Consolidated Glass Corp.	2102	Coastal Glass Distributors	2211	Oldcastle Glass Indianapolis
2004	Consolidated Glass Corp.	2103	Coastal Glass Distributors	2212	Oldcastle Glass Indianapolis
2005	Consolidated Glass Corp.	2104	Coastal Glass Distributors	2213	Oldcastle Glass Indianapolis
2006	Temperbent Glass, LP	2107	Coastal Glass Distributors	2214	Oldcastle Glass Indianapolis
2007	Cardinal CG	2108	Coastal Glass Distributors	2215	Oldcastle Glass Indianapolis
2008	Cardinal CG	2109	Coastal Glass Distributors	2216	Oldcastle Glass Indianapolis
2009	Cardinal CG	2121	Specialty Building Products	2217	PDC Glass of Michigan Inc.
2010	Cardinal CG	2133	Tecnoglass S.A.	2218	PDC Glass of Michigan Inc.
2011	Cardinal CG	2134	Tecnoglass S.A.	2219	PDC Glass of Michigan Inc.
2012	Cardinal CG	2135	Tecnoglass S.A.	2220	PDC Glass of Michigan Inc.
2013	Cardinal CG	2141	Guardian Walled Lake Fab.	2222	PDC Glass of Michigan Inc.
2014	Oldcastle Glass Telford	2142	Guardian Walled Lake Fab.	2223	PDC Glass of Michigan Inc.
2015	Prelco, Inc.	2143	Efco Corp.	2224	PDC Glass of Michigan Inc.
2020	Guardian Inds. Corp.	2144	Coraglass, Inc.	2226	GGI Glass Distributors Corp.
2021	Guardian Inds. Corp.	2145	Coraglass, Inc.	2227	GGI Glass Distributors Corp.
2022	Guardian Inds. Corp.	2146	Cardinal CG	2228	GGI Glass Distributors Corp.
2023	Guardian Inds. Corp.	2147	Cardinal CG	2229	PDC Glass of Michigan Inc.
2024	Guardian Inds. Corp.	2148	Cardinal CG	2231	Cardinal IG
2032	Cameron Glass, Inc.	2157	Mid Ohio Tempering	2232	Cardinal IG

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2233	Cardinal IG	2318	Cardinal IG	2421	Glass South Africa, LTD, Parow
2234	Cardinal IG	2319	Cardinal IG	2422	Glass South Africa, LTD, Parow
2235	Cardinal IG	2320	Cardinal IG	2423	Vetrenia Valentini S.R.L.
2236	Colonial Mirror & Glass Corp.	2321	Cardinal IG	2424	Vetrenia Valentini S.R.L.
2237	Colonial Mirror & Glass Corp.	2322	Cardinal IG	2425	PGT Industries
2238	Colonial Mirror & Glass Corp.	2323	Cardinal IG	2426	PGT Industries
2240	Cardinal LG	2324	Interpane Glass Company	2427	PGT Industries
2241	Oldcastle Glass Miami	2325	Interpane Glass Company	2428	PGT Industries
2242	Bronco Industries, Inc.	2326	Interpane Glass Company	2429	PGT Industries
2243	Bronco Industries, Inc.	2328	Cardinal IG	2432	Changshu Zhongcheng Bldg. Mat Co., Ltd.
2244	Bronco Industries, Inc.	2329	Cardinal IG	2433	Interpane Glass Company
2245	Bronco Industries, Inc.	2330	Cardinal IG	2434	Kohler Company
2246	Bronco Industries, Inc.	2331	Cardinal IG	2436	ACI Distribution
2247	Bronco Industries, Inc.	2335	Craftsman Tempered Glass	2440	Vitemco S.A. - Glasswall, Inc.
2248	Sovis North America, Inc.	2336	Craftsman Tempered Glass	2441	Vitemco S.A. - Glasswall, Inc.
2249	AFG Inds., Inc.-TN	2337	Craftsman Tempered Glass	2442	Vitemco S.A. - Glasswall, Inc.
2259	Guardian Inds. Corp.	2338	Craftsman Tempered Glass	2444	Goldray, Inc.
2260	Guardian Inds. Corp.	2339	Craftsman Tempered Glass	2445	Goldray, Inc.
2261	Guardian Inds. Corp.	2340	Craftsman Tempered Glass	2446	Goldray, Inc.
2262	Guardian Inds. Corp.	2342	Craftsman Tempered Glass	2447	Goldray, Inc.
2274	Republic Windows & Doors, Inc.	2352	Sovis North America, Inc.	2448	Goldray, Inc.
2276	Republic Windows & Doors, Inc.	2353	Sovis North America, Inc.	2449	Goldray, Inc.
2277	Republic Windows & Doors, Inc.	2354	Consolidated Glass Corp.	2450	Guardian Fabrication Inc.
2279	Cheil Glass Industrial Co., Inc.	2355	Consolidated Glass Corp.	2451	Guardian Fabrication Inc.
2280	Cheil Glass Industrial Co., Inc.	2357	Cardinal CG	2453	Sovis North America, Inc.
2281	Cheil Glass Industrial Co., Inc.	2358	Cardinal CG	2454	Republic Windows & Doors, Inc.
2282	GGI Glass Distributors Corp.	2359	Cardinal CG	2455	Cameron Glass, Inc.
2283	GGI Glass Distributors Corp.	2360	Cardinal CG	2457	Cameron Glass, Inc.
2284	American Flat Glass Dist.	2364	Viracon, Inc.	2458	Guardian Inds. Corp.
2285	Cardinal IG	2365	Tecnoglass S.A.	2459	Guardian Inds. Corp.
2286	Cardinal IG	2368	ACI Distribution	2460	Guardian Inds. Corp.
2287	Tecnoglass S.A.	2381	Prelco, Inc.	2461	Guardian Inds. Corp.
2289	Anthony International	2382	Guardian Inds. Corp.	2462	Cardinal LG
2290	Interpane Glass Company	2389	PGT Industries	2463	Cardinal LG
2293	Cardinal CG	2390	PGT Industries	2464	Cardinal LG
2294	Cardinal CG	2391	PGT Industries	2465	Tecnoglass S.A.
2295	Cardinal CG	2397	Cardinal IG	2467	United Plate Glass Co., Inc.
2296	Cardinal CG	2399	Cardinal IG	2468	United Plate Glass Co., Inc.
2300	Cardinal LG	2406	American Flat Glass Dist.	2469	United Plate Glass Co., Inc.
2301	Cardinal LG	2407	AFG Inds., Inc.-TN	2470	United Plate Glass Co., Inc.
2302	Virginia Glass Products Corp.	2410	AFG Coatings	2471	United Plate Glass Co., Inc.
2305	Sovis North America, Inc.	2411	AFG Coatings	2472	United Plate Glass Co., Inc.
2306	Sovis North America, Inc.	2412	AFG Coatings	2473	United Plate Glass Co., Inc.
2307	Sovis North America, Inc.	2413	AFG Coatings	2474	United Plate Glass Co., Inc.
2308	Oldcastle Glass Bensenville	2414	AFG Coatings	2475	United Plate Glass Co., Inc.
2309	Specialty Building Products	2415	AFG Coatings	2479	American Flat Glass Dist.
2310	Viracon, Inc.	2417	Nashville Tempered Glass Corp.	2480	American Flat Glass Dist.
2311	Viracon, Inc.	2418	ACI Distribution	2488	Traco (Three Rivers Alum)
2314	Viracon, Inc.	2419	Galaxy Glass Corp., Inc.		
2317	Cardinal IG	2420	Nashville Tempered Glass Corp.		

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2489	Traco (Three Rivers Alum)	2570	Bendheim Wall Systems, Inc.	2647	Berkowitz, J.E.
2490	Traco (Three Rivers Alum)	2572	Unitex Glass (Xiamen) Co., Ltd.	2648	ACI Distribution
2491	Mid Ohio Tempering	2573	Unitex Glass (Xiamen) Co., Ltd.	2649	Guardian Inds. Corp.
2492	Westshore Glass	2574	Unitex Glass (Xiamen) Co., Ltd.	2650	Oldcastle Glass Wausau
2493	Arch Aluminum & Glass Co.	2575	Unitex Glass (Xiamen) Co., Ltd.	2651	Oldcastle Glass Wausau
2494	Nashville Tempered Glass Corp.	2576	Unitex Glass (Xiamen) Co., Ltd.	2652	Oldcastle Glass Wausau
2497	Nashville Tempered Glass Corp.	2577	Unitex Glass (Xiamen) Co., Ltd.	2653	Oldcastle Glass Wausau
2498	Multiver	2578	Amsco Windows	2658	Glass South Africa, LTD, Parow
2499	Multiver	2579	Amsco Windows	2659	Oldcastle Glass Wausau
2500	Cameron Glass, Inc.	2580	Amsco Windows	2660	Downey Glass Industries, LLC
2501	Cameron Glass, Inc.	2581	Amsco Windows	2661	Downey Glass Industries, LLC
2502	Guardian Inds. Corp.	2582	Amsco Windows	2662	Downey Glass Industries, LLC
2504	Specialty Building Products	2583	Amsco Windows	2663	Downey Glass Industries, LLC
2507	AFG Insulating	2584	Amsco Windows	2664	Downey Glass Industries, LLC
2509	AFG Insulating	2588	Engineered Glass Products, L.L.C.	2665	Downey Glass Industries, LLC
2510	AFG Insulating	2589	Engineered Glass Products, L.L.C.	2666	AFG Insulating
2511	Arch Ohio, Inc.	2590	Engineered Glass Products, L.L.C.	2667	Guardian Inds. Corp.
2512	Coastal Glass Distributors	2600	Arch Ohio, Inc.	2668	Guardian Inds. Corp.
2513	Coastal Glass Distributors	2601	Tecnoglass S.A.	2678	Traco (Three Rivers Alum)
2516	Oldcastle Glass Wauseon	2602	Engineered Glass Products, L.L.C.	2679	Temperbent Glass, LP
2517	Oldcastle Glass Wauseon	2603	Guardian Fabrication Inc.	2680	Temperbent Glass, LP
2518	Oldcastle Glass Wauseon	2604	ACI Distribution	2681	Temperbent Glass, LP
2519	Guardian Inds. Corp.	2605	ACI Distribution	2682	Temperbent Glass, LP
2520	Vitemco S.A. - Glasswall, Inc.	2606	ACI Distribution	2683	United Plate Glass Co., Inc.
2521	American Flat Glass Dist.	2607	ACI Distribution	2684	Spec-Temp, Inc.
2522	American Flat Glass Dist.	2608	ACI Distribution	2685	Spec-Temp, Inc.
2523	American Flat Glass Dist.	2611	ACI Distribution	2686	Spec-Temp, Inc.
2527	Coastal Glass Distributors	2612	ACI Distribution	2687	Spec-Temp, Inc.
2528	Coastal Glass Distributors	2613	ACI Distribution	2688	Spec-Temp, Inc.
2533	Dongli Tempered Glass Co., Ltd.	2614	ACI Distribution	2689	Spec-Temp, Inc.
2543	Vitreie April, Inc.	2616	Guardian Fabrication Inc.	2696	Shanghai Yaohua Pilkington Glas
2544	Vitreie April, Inc.	2617	Glass-Tex Industries		
2545	Guardian Inds. Corp.	2618	Glass-Tex Industries	CERTIFIED PRODUCTS KEY TTG = TEMPERED TRANSPARENT GLASS TPG = TEMPERED PATTERNED GLASS TBG = TEMPERED BENT GLASS TBP = TEMPERED BENT PATTERNED GLASS LTG = LAMINATED TRANSPARENT GLASS LPG = LAMINATED PATTERNED GLASS LSP = LAMINATED SPECIALTY PRODUCTS OCG = ORGANIC COATED GLASS OCH = ORGANIC COATED GLASS HYBRID SPS = SAFETY PLASTIC SHEET U = UNLIMITED SIZE CATEGORY (s) = SHALLOW PATTERN (m) = MEDIUM PATTERN (d) = DEEP PATTERN (b) = POLY VINYL BUTRAL INTERLAYER (l) = LIQUID RESIN INTERLAYER (p) = POLYETHYLENE TEREPHTHALATE (f) = FLUORINATED ETHYLENE PROPYLENE INTERLAYER (c1) = CPSC CAT 1 ONLY (IN) = INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing for this certification period due to inactive production)	
2547	Techni-Glass, Inc.	2619	Glass-Tex Industries		
2548	Techni-Glass, Inc.	2620	Glass-Tex Industries		
2549	Techni-Glass, Inc.	2621	Glass-Tex Industries		
2550	Techni-Glass, Inc.	2622	Glass-Tex Industries		
2551	FTG of NC, LLC	2623	Glass-Tex Industries		
2553	FTG of NC, LLC	2625	Tecnoglass S.A.		
2554	FTG of NC, LLC	2626	Tecnoglass S.A.		
2556	FTG of NC, LLC	2627	Tecnoglass S.A.		
2557	FTG of NC, LLC	2629	Multiver		
2560	FTG of NC, LLC	2630	Multiver		
2562	Coastal Glass Distributors	2636	AFG Insulating		
2563	Coastal Glass Distributors	2637	AFG Insulating		
2564	Cardinal LG	2638	AFG Insulating		
2565	Cardinal LG	2639	AFG Insulating		
2566	Guardian Walled Lake Fab.	2644	Coraglass, Inc.		
2567	Guardian Walled Lake Fab.	2645	Coraglass, Inc.		
2569	Bendheim Wall Systems, Inc.	2646	Berkowitz, J.E.		

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Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
ACI Distribution ; Dallas, TX						AFG Inds., Inc.-TN ; Greenland, TN					
1919	COMPOSITE	1/8	3.0	TTG	U	598	COMPOSITE	1/8	3.0	TTG	U
400	COMPOSITE	3/16	5.0	TTG	U	955	COMPOSITE	5/32	4.0	TTG	U
402	COMPOSITE	1/4	6.0	TTG	U	220	COMPOSITE	3/16	5.0	TTG	U
1107	COMPOSITE	3/8	10.0	TTG	U	89	COMPOSITE	1/4	6.0	TTG	U
1108	COMPOSITE	1/2	12.0	TTG	U	90	COMPOSITE	3/8	10.0	TTG	U
1225	COMPOSITE	3/4	19.0	TTG	U	587	COMPOSITE	1/8	3.0	TPG (s)	U
2418	ANSI ONLY	1/8	3.0	TPG	U	1139	COMPOSITE	3/16	4.8	TPG (s)	U
1728	COMPOSITE	3/16	4.8	TPG (s)	U	AFG Inds., Inc.-TN ; Kingsport, TN					
ACI Distribution ; Greensboro, NC						1390	COMPOSITE	1/8	3.0	TTG	U
2648	COMPOSITE	1/8	3.0	TTG	U	949	COMPOSITE	5/32	4.0	TTG	U
1642	COMPOSITE	3/16	5.0	TTG	U	28	COMPOSITE	3/16	5.0	TTG	U
1643	COMPOSITE	1/4	6.0	TTG	U	24	COMPOSITE	1/4	6.0	TTG	U
1644	COMPOSITE	3/8	10.0	TTG	U	2407	COMPOSITE	7/64	2.8	TPG IN	U
1645	COMPOSITE	1/2	12.0	TTG	U	1414	COMPOSITE	1/8	3.0	TPG (m)	U
2077	COMPOSITE	3/16	4.8	TPG (s)	U	2249	COMPOSITE	5/32	4.0	TPG (m)	U
ACI Distribution ; Santa Clara, CA						2206	COMPOSITE	3/16	4.8	TPG (d)	U
2436	COMPOSITE	3/16	5.0	TTG	U	AFG Insulating ; Quakertown, PA					
1496	COMPOSITE	1/4	6.0	TTG	U	2507	COMPOSITE	1/8	3.0	TTG	U
1497	COMPOSITE	3/8	10.0	TTG	U	2509	COMPOSITE	3/16	5.0	TTG	U
1498	COMPOSITE	1/2	12.0	TTG	U	2666	COMPOSITE	1/4	6.0	TTG	U
2368	COMPOSITE	3/16	4.8	TPG (s)	U	2510	COMPOSITE	1/8	3.0	TPG (m)	U
ACI Distribution ; Santa Fe Springs, CA						AFG Insulating ; Riverside, CA					
1157	COMPOSITE	3/16	5.0	TTG	U	2636	COMPOSITE	1/8	3.0	TTG	U
1535	COMPOSITE	1/4	6.0	TTG	U	2637	COMPOSITE	5/32	4.0	TTG	U
1179	COMPOSITE	3/8	10.0	TTG	U	2638	COMPOSITE	3/16	5.0	TTG	U
640	COMPOSITE	1/2	12.0	TTG	U	2639	COMPOSITE	1/4	6.0	TTG	U
1861	COMPOSITE	1/8	3.0	TPG (s)	U	AFGD ; Tulsa, OK					
ACI Distribution ; Stockton, CA						1453	COMPOSITE	1/8	3.0	TTG	U
2604	COMPOSITE	1/8	3.0	TTG	U	1870	COMPOSITE	5/32	4.0	TTG	U
2605	COMPOSITE	5/32	4.0	TTG	U	1454	COMPOSITE	3/16	5.0	TTG	U
2606	COMPOSITE	3/16	5.0	TTG	U	1455	COMPOSITE	1/4	6.0	TTG	U
2607	COMPOSITE	1/4	6.0	TTG	U	1456	COMPOSITE	3/8	10.0	TTG	U
2608	COMPOSITE	3/8	10.0	TTG	U	1457	COMPOSITE	1/2	12.0	TTG	U
2611	COMPOSITE	1/8	3.0	TPG (s)	U	1617	COMPOSITE	5/32	4.0	TPG (s)	U
2612	COMPOSITE	5/32	4.0	TPG (s)	U	1618	COMPOSITE	3/16	4.8	TPG (s)	U
2613	COMPOSITE	3/16	5.0	TPG (s)	U	AFGD Glass ; Fall River, MA					
2614	COMPOSITE	7/32	5.5	TPG (s)	U	1518	COMPOSITE	1/8	3.0	TTG	U
AFG Coatings ; Hampton, IA						1519	COMPOSITE	3/16	5.0	TTG	U
2410	COMPOSITE	1/8	3.0	TTG	U	1520	COMPOSITE	1/4	6.0	TTG	U
2411	COMPOSITE	5/32	4.0	TTG	U	1521	COMPOSITE	3/8	10.0	TTG	U
2412	COMPOSITE	3/16	5.0	TTG	U	1522	COMPOSITE	1/2	12.0	TTG	U
2413	COMPOSITE	1/4	6.0	TTG	U	2160	COMPOSITE	5/32	4.0	TPG (s)	U
2414	COMPOSITE	1/8	3.0	TPG (s)	U	1523	COMPOSITE	3/16	4.8	TPG (s)	U
2415	COMPOSITE	3/16	5.0	TPG (s)	U	AFGD, Div. of AFG Inds., Ltd. ; Concord, ON Canada					
AFG Inds., Inc.-CA ; Victorville, CA						1485	COMPOSITE	1/8	3.0	TTG	U
1664	COMPOSITE	1/8	3.0	TTG	U	1486	COMPOSITE	5/32	4.0	TTG	U
1641	COMPOSITE	5/32	4.0	TTG	U	1945	COMPOSITE	3/16	5.0	TTG	U
1663	COMPOSITE	3/16	5.0	TTG	U	1489	COMPOSITE	1/4	6.0	TTG	U
1925	COMPOSITE	1/4	6.0	TTG	U	AFGD, Div. of AFG Inds., Ltd. ; London, ON Canada					
AFG Inds., Inc.-KS ; Spring Hill, KS						1872	COMPOSITE	1/8	3.0	TTG	U
1702	COMPOSITE	1/8	3.0	TTG	U	1873	COMPOSITE	5/32	4.0	TTG	U
1703	COMPOSITE	5/32	4.0	TTG	U	1874	COMPOSITE	3/16	5.0	TTG	U
1704	COMPOSITE	3/16	5.0	TTG	U	1875	COMPOSITE	1/4	6.0	TTG	U
1705	COMPOSITE	1/4	6.0	TTG	U						

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED		SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada							Arch Ohio, Inc. ; Columbus, OH					
1754	COMPOSITE	5/32	4.0	TTG	U		2511	COMPOSITE	1/4	6.0	LTG (b)	(.030) U
1755	COMPOSITE	3/16	5.0	TTG	U		2175	COMPOSITE	1/2	12.0	LTG (b)	(.030) U
1756	COMPOSITE	1/4	6.0	TTG	U		2600	COMPOSITE	1/4	6.0	LSP (b)	(.030) U
1757	COMPOSITE	3/8	10.0	TTG	U		Architectural Safety Glass ; Ft. Pierce, FL					
1758	COMPOSITE	1/2	12.0	TTG	U		1914	COMPOSITE	1/4	6.0	LTG (b)	(.030) U
American Flat Glass Dist. ; Alvarado, TX							Bendheim Wall Systems, Inc. ; Wunsiedel-Holenbrunn, Germany					
1708	COMPOSITE	1/8	3.0	TTG	U		2570	COMPOSITE	1/4	6.0	TBG	20x76'
1709	COMPOSITE	3/16	5.0	TTG	U		2569	COMPOSITE	9/32	7.0	TBG	13x76'
1710	COMPOSITE	1/4	6.0	TTG	U		Berkowitz, J.E. ; Westville, NJ					
1711	COMPOSITE	3/8	10.0	TTG	U		1990	COMPOSITE	1/4	6.0	TTG	U
1712	COMPOSITE	1/2	12.0	TTG	U		2646	COMPOSITE	3/8	10.0	TTG	U
2406	COMPOSITE	5/32	4.0	TPG (s)	U		1991	COMPOSITE	1/2	12.0	TTG	U
1714	COMPOSITE	3/16	4.8	TPG (s)	U		2647	COMPOSITE	3/4	19.0	TTG	U
American Flat Glass Dist. ; Hebron, OH							Bronco Industries, Inc. ; Delta, BC Canada					
2196	COMPOSITE	1/8	3.0	TTG	U		2242	ANSI ONLY	1/8	3.0	TTG	U
2284	COMPOSITE	5/32	4.0	TTG	U		2243	ANSI ONLY	5/32	4.0	TTG	U
2197	COMPOSITE	3/16	5.0	TTG	U		2244	ANSI ONLY	3/16	5.0	TTG	U
2198	COMPOSITE	1/4	6.0	TTG	U		2245	ANSI ONLY	1/4	6.0	TTG	U
2199	COMPOSITE	3/8	10.0	TTG	U		2246	ANSI ONLY	3/8	10.0	TTG	U
2200	COMPOSITE	1/2	12.0	TTG	U		2247	ANSI ONLY	1/2	12.0	TTG	U
American Flat Glass Dist. ; Marietta, GA							Cameron Glass, Inc. ; Broken Arrow, OK					
1405	COMPOSITE	1/8	3.0	TTG	U		2457	COMPOSITE	1/8	3.0	TTG	U
1967	COMPOSITE	5/32	4.0	TTG	U		2500	COMPOSITE	5/32	4.0	TTG	U
1230	COMPOSITE	3/16	5.0	TTG	U		2501	COMPOSITE	3/16	5.0	TTG	U
1231	COMPOSITE	1/4	6.0	TTG	U		2455	COMPOSITE	1/4	6.0	TTG	U
1232	COMPOSITE	3/8	10.0	TTG	U		2032	COMPOSITE	3/8	10.0	TTG	U
1406	COMPOSITE	1/2	12.0	TTG	U		2033	COMPOSITE	1/2	12.0	TTG	U
1428	COMPOSITE	5/32	4.0	TPG (s)	U		Cardinal CG ; Buford, GA					
2054	COMPOSITE	3/16	4.8	TPG (m)	U		1921	COMPOSITE	1/8	3.0	TTG	U
American Flat Glass Dist. ; Richmond, VA							1922	COMPOSITE	5/32	4.0	TTG	U
2521	COMPOSITE	1/8	3.0	TTG	U		1923	COMPOSITE	3/16	5.0	TTG	U
2480	COMPOSITE	5/32	4.0	TTG	U		1924	COMPOSITE	1/4	6.0	TTG	U
2522	COMPOSITE	3/16	5.0	TTG	U		2146	CPSC ONLY	1/8	3.0	TPG (s)	U
1957	COMPOSITE	1/4	6.0	TTG	U		2147	CPSC ONLY	5/32	4.0	TPG (s)	U
1958	COMPOSITE	3/8	10.0	TTG	U		2148	CPSC ONLY	3/16	4.8	TPG (s)	U
1959	COMPOSITE	1/2	12.0	TTG	U		Cardinal CG ; Galt, CA					
2479	COMPOSITE	5/32	4.0	TPG (m)	U		2357	COMPOSITE	1/8	3.0	TTG	U
2523	COMPOSITE	3/16	5.0	TPG (m)	U		2358	COMPOSITE	5/32	4.0	TTG	U
Amsco Windows ; Salt Lake City, UT							2359	COMPOSITE	3/16	5.0	TTG	U
2578	COMPOSITE	1/8	3.0	TTG	U		2360	COMPOSITE	1/4	6.0	TTG	U
2579	COMPOSITE	5/32	4.0	TTG	U		Cardinal CG ; Moreno Valley, CA					
2581	COMPOSITE	1/4	5.0	TTG	U		2293	CPSC ONLY	1/8	3.0	TTG	U
2580	COMPOSITE	3/16	5.0	TTG	U		2294	CPSC ONLY	5/32	4.0	TTG	U
2582	COMPOSITE	1/8	3.0	TPG (s)	U		2295	CPSC ONLY	3/16	5.0	TTG	U
2583	COMPOSITE	5/32	4.0	TPG (s)	U		2296	CPSC ONLY	1/4	6.0	TTG	U
2584	COMPOSITE	3/16	5.0	TPG (m)	U		Cardinal CG ; Northfield, MN					
Anthony International ; San Fernando, CA							1985	CPSC ONLY	1/8	3.0	TTG	U
520	ANSI ONLY	1/8	3.0	TTG	U		1986	CPSC ONLY	5/32	4.0	TTG	U
2289	ANSI ONLY	5/32	4.0	TTG	U		1987	CPSC ONLY	3/16	5.0	TTG	U
999	ANSI ONLY	3/16	5.0	TTG	U		1988	CPSC ONLY	1/4	6.0	TTG	U
1000	ANSI ONLY	1/4	6.0	TTG	U		2011	CPSC ONLY	1/8	3.0	TPG (s)	U
Arch Aluminum & Glass Co. ; Waukesha, WI							2012	CPSC ONLY	5/32	4.0	TPG (s)	U
2493	COMPOSITE	1/4	6.0	LTG (b)	(.030) U		2013	CPSC ONLY	3/16	4.8	TPG (s)	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Cardinal CG ; Spring Green, WI						Cardinal IG ; Waxahachie, TX					
2067	CPSC ONLY	1/8	3.0	TTG	U	2328	CPSC ONLY	1/8	3.0	TTG	U
2068	CPSC ONLY	5/32	4.0	TTG	U	2329	CPSC ONLY	5/32	4.0	TTG	U
2069	CPSC ONLY	3/16	5.0	TTG	U	2330	CPSC ONLY	3/16	5.0	TTG	U
2070	CPSC ONLY	1/4	6.0	TTG	U	2331	CPSC ONLY	1/4	6.0	TTG	U
2071	CPSC ONLY	1/8	3.0	TPG (s)	U	2397	CPSC ONLY	1/8	3.0	TPG (s)	U
Cardinal CG ; Tumwater, WA						2399	CPSC ONLY	3/16	5.0	TPG (s)	U
2007	CPSC ONLY	1/8	3.0	TTG	U	Cardinal LG ; Amery, WI					
2008	CPSC ONLY	5/32	4.0	TTG	U	2301	COMPOSITE	3/32	2.3	OCH (IN) (.037)	U
2009	CPSC ONLY	3/16	5.0	TTG	U	2300	COMPOSITE	1/4	6.0	OCH (IN) (.037)	U
2010	CPSC ONLY	1/4	6.0	TTG	U	2166	COMPOSITE	5/32	4.0	LTG (b)(C1) (.015)	U
Cardinal IG ; Fargo, ND						2167	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2235	COMPOSITE	1/8	3.0	TTG	U	2463	COMPOSITE	5/16	8.7	LTG (b) (.030)	U
2234	COMPOSITE	5/32	4.0	TTG	U	2462	COMPOSITE	3/8	10.0	LTG (b) (.030)	U
2233	COMPOSITE	3/16	5.0	TTG	U	2464	COMPOSITE	1/2	12.0	LTG (b) (.030)	U
2232	COMPOSITE	1/4	6.0	TTG	U	2564	COMPOSITE	1/4	6.0	LSP (b) (.030)	U
2231	COMPOSITE	1/8	3.0	TPG (s)	U	2565	COMPOSITE	5/16	8.0	LSP (b) (.060)	U
2285	COMPOSITE	5/32	4.0	TPG (m)	U	2240	COMPOSITE	5/16	8.9	LPG (b)(m) (.030)	U
2286	COMPOSITE	3/16	4.8	TPG (s)	U	Cardinal TG ; Tomah, WI					
Cardinal IG ; Fremont, IN						1804	COMPOSITE	1/8	3.0	TTG	U
2176	CPSC ONLY	1/8	3.0	TTG	U	1805	COMPOSITE	5/32	4.0	TTG	U
2177	CPSC ONLY	5/32	4.0	TTG	U	1806	COMPOSITE	3/16	5.0	TTG	U
2178	CPSC ONLY	3/16	5.0	TTG	U	1807	COMPOSITE	1/4	6.0	TTG	U
2179	CPSC ONLY	1/4	6.0	TTG	U	Changshu Zhongcheng Bldg. Material Co., Ltd. ; Changshu Ci					
2203	CPSC ONLY	1/8	3.0	TPG (s)	U	2432	ANSI ONLY	1/8	3.2	TTG	U
2204	CPSC ONLY	5/32	4.0	TPG (s)	U	Cheil Glass Industrial Co., Inc. ; Inchon City, Korea					
2205	CPSC ONLY	3/16	4.8	TPG (s)	U	2279	COMPOSITE	1/8	3.0	TTG	U
Cardinal IG ; Greenfield, IA						2280	COMPOSITE	5/32	4.0	TTG	U
1827	CPSC ONLY	1/8	3.0	TTG	U	2281	COMPOSITE	3/16	5.0	TTG	U
1828	CPSC ONLY	5/32	4.0	TTG	U	Coastal Glass Distributors ; Charleston, SC					
1829	CPSC ONLY	3/16	5.0	TTG	U	2101	COMPOSITE	1/8	3.0	TTG	U
1830	CPSC ONLY	1/4	6.0	TTG	U	2102	COMPOSITE	5/32	4.0	TTG	U
1841	CPSC ONLY	1/8	3.0	TPG (s)	U	2103	COMPOSITE	3/16	5.0	TTG	U
1842	CPSC ONLY	5/32	4.0	TPG (m)	U	2104	COMPOSITE	1/4	6.0	TTG	U
1843	CPSC ONLY	3/16	4.8	TPG (s)	U	2512	COMPOSITE	3/8	10.0	TTG	U
Cardinal IG ; Spring Green, WI						2513	COMPOSITE	1/2	12.0	TTG	U
1831	COMPOSITE	1/8	3.0	TTG	U	2107	COMPOSITE	1/8	3.0	TPG (s)	U
1832	COMPOSITE	5/32	4.0	TTG	U	2108	COMPOSITE	5/32	4.0	TPG (d)	U
1833	COMPOSITE	3/16	5.0	TTG	U	2109	COMPOSITE	3/16	4.8	TPG (d)	U
1834	COMPOSITE	1/4	6.0	TTG	U	2562	COMPOSITE	1/4	6.0	TPG (m)	U
1844	COMPOSITE	1/8	3.0	TPG (s)	U	2563	COMPOSITE	3/8	10.0	TPG (s)	U
1845	COMPOSITE	5/32	4.0	TPG (m)	U	2528	COMPOSITE	9/32	7.0	LTG (l) .030	U
1846	COMPOSITE	3/16	4.8	TPG (s)	U	2527	COMPOSITE	1/2	12.0	LTG (l) .030	U
Cardinal IG ; Tomah, WI						Colonial Mirror & Glass Corp. ; Brooklyn, NY					
2317	CPSC ONLY	1/8	3.0	TTG	U	2237	COMPOSITE	3/16	5.0	TTG	U
2318	CPSC ONLY	5/32	4.0	TTG	U	1847	COMPOSITE	1/4	6.0	TTG	U
2319	CPSC ONLY	3/16	5.0	TTG	U	1848	COMPOSITE	3/8	10.0	TTG	U
2320	CPSC ONLY	1/4	6.0	TTG	U	1929	COMPOSITE	1/2	12.0	TTG	U
2321	CPSC ONLY	1/8	3.0	TPG (s)	29x76	2236	COMPOSITE	5/8	15.0	TTG	U
2322	CPSC ONLY	5/32	4.0	TPG (s)	29x76	2238	COMPOSITE	3/4	19.0	TTG	U
2323	CPSC ONLY	3/16	5.0	TPG (s)	U	Commercial Insulating Glass Co. ; Sarasota, FL					
						1889	COMPOSITE	1/8	3.0	TTG	31x76
						1890	COMPOSITE	3/16	5.0	TTG	31x76
						1891	COMPOSITE	1/4	6.0	TTG	31x76

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Consolidated Glass Corp. ; New Castle, PA						Engineered Glass Products, L.L.C. ; Chicago, IL					
1998	COMPOSITE	1/8	3.0	TTG	U	2588	ANSI ONLY	1/8	3.0	TTG	16x26'
1999	COMPOSITE	5/32	4.0	TTG	U	2589	ANSI ONLY	5/32	4.0	TTG	16x26'
2005	COMPOSITE	3/16	5.0	TTG	U	2590	ANSI ONLY	3/16	5.0	TTG	16x26'
2002	COMPOSITE	1/4	6.0	TTG	U	2602	ANSI ONLY	3/8	10.0	TTG	17x30'
2003	COMPOSITE	3/8	10.0	TTG	U	Flex-O-Glass, Inc. ; Dixon, IL					
2004	COMPOSITE	1/2	12.0	TTG	U	118	ANSI ONLY	.08-.125	2.0	SPS	U
2060	COMPOSITE	5/8	15.0	TTG	U	Floral Glass & Mirror ; Hauppauge, NY					
2355	COMPOSITE	5/32	4.0	TPG (s)	U	1546	COMPOSITE	1/8	3.0	TTG	U
2354	COMPOSITE	3/16	5.0	TPG (s)	U	1547	COMPOSITE	3/16	5.0	TTG	U
Contour Industries, Inc. ; Surgoinsville, TN						1548	COMPOSITE	1/4	6.0	TTG	U
1680	COMPOSITE	1/8	3.0	TTG	18x76	1549	COMPOSITE	3/8	10.0	TTG	U
1678	COMPOSITE	3/16	5.0	TTG	18x76	1550	COMPOSITE	1/2	12.0	TTG	U
1677	COMPOSITE	1/4	6.0	TTG	18x76	1551	COMPOSITE	3/4	19.0	TTG	U
1676	COMPOSITE	1/8	3.0	TPG (s)	18x76	FTG of NC, LLC ; Kernersville, NC					
Coraglass, Inc. ; Reform, AL						2551	COMPOSITE	1/8	3.0	TTG	U
1908	COMPOSITE	1/8	3.0	TTG	U	2553	COMPOSITE	3/16	5.0	TTG	U
1909	COMPOSITE	5/32	4.0	TTG	U	2554	COMPOSITE	1/4	6.0	TTG	U
1910	COMPOSITE	3/16	5.0	TTG	U	2556	COMPOSITE	3/8	10.0	TTG	U
1911	COMPOSITE	1/4	6.0	TTG	U	2557	COMPOSITE	1/2	12.0	TTG	U
2645	COMPOSITE	5/16	8.0	TTG	U	2560	COMPOSITE	3/16	5.0	TPG (s)	U
2144	COMPOSITE	3/8	10.0	TTG	U	Galaxy Glass Corp., Inc. ; Fairfield, NJ					
2145	COMPOSITE	1/2	12.0	TTG	U	2419	COMPOSITE	5/16	8.0	LTG (l) (.060)	U
2644	COMPOSITE	3/4	19.0	TTG	U	Gemtron-Sweetwater ; Sweetwater, TN					
1962	COMPOSITE	1/8	3.0	TPG (s)	U	1334	COMPOSITE	1/8	3.0	TTG	U
1963	COMPOSITE	5/32	4.0	TPG (m)	U	1332	COMPOSITE	5/32	4.0	TTG	U
1964	COMPOSITE	3/16	4.8	TPG (d)	U	1201	COMPOSITE	3/16	5.0	TTG	U
Craftsman Tempered Glass ; Houston, TX						1477	COMPOSITE	1/4	6.0	TTG	U
2335	COMPOSITE	1/8	3.0	TTG	U	1422	COMPOSITE	1/8	3.0	TPG (s)	U
2336	COMPOSITE	3/16	5.0	TTG	U	1424	COMPOSITE	5/32	4.0	TPG (s)	U
2337	COMPOSITE	1/4	6.0	TTG	U	GGI Glass Distributors Corp. ; Secaucus, NJ					
2338	COMPOSITE	3/8	10.0	TTG	U	2226	COMPOSITE	3/16	5.0	TTG	U
2339	COMPOSITE	1/2	12.0	TTG	U	2227	COMPOSITE	1/4	6.0	TTG	U
2340	COMPOSITE	3/4	19.0	TTG	U	2282	COMPOSITE	3/8	10.0	TTG	U
2342	COMPOSITE	3/16	4.8	TPG (s)	U	2228	COMPOSITE	1/2	12.0	TTG	U
Dongli Tempered Glass Co., Ltd. ; Qinhuangdao, China						2283	COMPOSITE	3/4	19.0	TTG	U
2533	ANSI ONLY	1/8	3.0	TTG	U	Glass South Africa, LTD, Parow ; Cape Town, South Africa					
Downey Glass Industries, LLC ; Pompano Beach, FL						2658	COMPOSITE	1/8	3.0	TTG	34x34'
2660	COMPOSITE	1/8	3.0	TTG	U	2421	COMPOSITE	5/32	4.0	TTG	U
2661	COMPOSITE	3/16	5.0	TTG	U	2422	COMPOSITE	3/16	5.0	TTG	U
2662	COMPOSITE	1/4	6.0	TTG	U	Glass, Inc. ; Englewood, CO					
2663	COMPOSITE	3/8	10.0	TTG	U	2185	COMPOSITE	1/8	3.0	TTG	U
2664	COMPOSITE	1/2	12.0	TTG	U	2186	COMPOSITE	3/16	5.0	TTG	U
2665	COMPOSITE	3/4	19.0	TTG	U	2187	COMPOSITE	1/4	6.0	TTG	U
Edge Seal Technologies ; Walton Hills, OH						2188	COMPOSITE	3/8	10.0	TTG	U
2050	COMPOSITE	1/8	3.0	TTG	U	2189	COMPOSITE	1/2	12.0	TTG	U
2051	COMPOSITE	5/32	4.0	TTG	U	2190	COMPOSITE	3/4	19.0	TTG	U
2052	COMPOSITE	3/16	5.0	TTG	U	2193	COMPOSITE	3/16	4.8	TPG (s)	U
2055	COMPOSITE	1/4	6.0	TTG	U	Glass-Tex Industries ; Magnolia, TX					
Efco Corp. ; Monett, MO						2617	COMPOSITE	1/8	3.0	TTG	U
1901	COMPOSITE	3/16	5.0	TTG	U	2618	COMPOSITE	3/16	5.0	TTG	U
1902	COMPOSITE	1/4	6.0	TTG	U	2619	COMPOSITE	1/4	6.0	TTG	U
2143	COMPOSITE	3/16	4.8	TPG (s)	U	2620	COMPOSITE	3/8	10.0	TTG	U
						2621	COMPOSITE	1/2	12.0	TTG	U
						2622	ANSI ONLY	1/8	3.0	TPG (s)	U
						2623	ANSI ONLY	3/16	5.0	TPG (s)	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Goldray, Inc. ; Calgary, AB Canada						Guardian Inds. Corp. ; Ft. Lauderdale, FL					
2444	COMPOSITE	1/8	3.0	TTG	U	1161	ANSI ONLY	1/8	3.0	TTG	U
2445	COMPOSITE	5/32	4.0	TTG	U	633	ANSI ONLY	3/16	5.0	TTG	U
2446	COMPOSITE	3/16	5.0	TTG	U	40	ANSI ONLY	1/4	6.0	TTG	U
2447	COMPOSITE	1/4	6.0	TTG	U	1665	ANSI ONLY	1/8	3.0	TPG (s)	U
2448	COMPOSITE	3/8	10.0	TTG	U	1318	ANSI ONLY	3/16	4.8	TPG (s)	U
2449	COMPOSITE	1/2	12.0	TTG	U	Guardian Inds. Corp. ; Geneva, NY					
Guardian Canada Corp. ; Tilsonburg, ON Canada						2259	ANSI ONLY	1/8	3.0	TTG	U
1462	ANSI ONLY	1/8	3.0	TTG	U	2260	ANSI ONLY	5/32	4.0	TTG	U
Guardian Fabrication Inc. ; Millbury, OH						2261	ANSI ONLY	3/16	5.0	TTG	U
2616	ANSI ONLY	1/8	3.1	TTG	U	2262	ANSI ONLY	1/4	6.0	TTG	U
1575	ANSI ONLY	5/32	4.0	TTG	U	2519	ANSI ONLY	3/8	10.0	TTG	U
1576	ANSI ONLY	3/16	5.0	TTG	U	Guardian Inds. Corp. ; Kingsburg, CA					
1577	ANSI ONLY	1/4	6.0	TTG	U	968	ANSI ONLY	1/8	3.0	TTG	U
Guardian Fabrication Inc. ; Rogers, AR						969	ANSI ONLY	5/32	4.0	TTG	U
1355	ANSI ONLY	1/8	3.0	TTG	U	970	ANSI ONLY	3/16	5.0	TTG	U
1616	ANSI ONLY	5/32	4.0	TTG	U	971	ANSI ONLY	1/4	6.0	TTG	U
1356	ANSI ONLY	3/16	5.0	TTG	U	1303	ANSI ONLY	1/8	3.0	TPG (m)	U
1357	ANSI ONLY	1/4	6.0	TTG	U	1301	ANSI ONLY	5/32	4.0	TPG (m)	U
1358	ANSI ONLY	1/8	3.0	TPG (s)	U	1304	ANSI ONLY	3/16	4.8	TPG (s)	U
1359	ANSI ONLY	5/32	4.0	TPG (s)	U	1882	ANSI ONLY	1/4	6.0	TPG (s)	U
Guardian Fabrication Inc. ; Webster, MA						Guardian Inds. Corp. ; Lewistown, PA					
300	ANSI ONLY	1/8	3.0	TTG	U	1627	ANSI ONLY	1/8	3.0	TTG	U
1607	ANSI ONLY	5/32	4.0	TTG	U	1866	ANSI ONLY	5/32	4.0	TTG	U
1216	ANSI ONLY	3/16	5.0	TTG	U	1628	ANSI ONLY	3/16	5.0	TTG	U
662	ANSI ONLY	1/4	6.0	TTG	U	1629	ANSI ONLY	1/4	6.0	TTG	U
471	ANSI ONLY	3/8	10.0	TTG	U	1867	ANSI ONLY	3/8	10.0	TTG	U
1235	ANSI ONLY	1/2	12.0	TTG	U	1868	ANSI ONLY	1/2	12.0	TTG	U
2450	ANSI ONLY	1/8	3.0	TPG (m)	U	2502	ANSI ONLY	1/8	3.0	LTG (b) (.015)	U
2451	ANSI ONLY	5/32	4.0	TPG (m)	U	1886	ANSI ONLY	5/32	4.0	LTG (b) (.030)	U
2603	ANSI ONLY	3/16	5.0	TPG (m)	U	1282	ANSI ONLY	7/32	5.6	LTG (b) (.015)	U
Guardian Inds. Corp. ; Carleton, MI						1946	ANSI ONLY	1/4	6.0	LTG (b) (.015)	U
933	ANSI ONLY	1/8	3.0	TTG	U	1947	ANSI ONLY	3/8	10.0	LTG (b) (.015)	U
934	ANSI ONLY	5/32	4.0	TTG	U	1316	ANSI ONLY	1/2	12.0	LTG (b) (.015)	U
631	ANSI ONLY	3/16	5.0	TTG	U	Guardian Inds. Corp. ; Richburg, SC					
131	ANSI ONLY	1/4	6.0	TTG	U	1630	ANSI ONLY	1/8	3.0	TTG	U
Guardian Inds. Corp. ; Corsicana, TX						1631	ANSI ONLY	5/32	4.0	TTG	U
1248	ANSI ONLY	1/8	3.0	TTG	U	1632	ANSI ONLY	3/16	5.0	TTG	U
1249	ANSI ONLY	5/32	4.0	TTG	U	1633	ANSI ONLY	1/4	6.0	TTG	U
1250	ANSI ONLY	3/16	5.0	TTG	U	2382	ANSI ONLY	5/16	8.0	TTG	U
1251	ANSI ONLY	1/4	6.0	TTG	U	1634	ANSI ONLY	3/8	10.0	TTG	U
1826	ANSI ONLY	5/16	8.0	TTG	U	1683	ANSI ONLY	1/8	3.0	TPG (m)	U
1253	ANSI ONLY	3/8	10.0	TTG	U	1635	ANSI ONLY	5/32	4.0	TPG (m)	U
1803	ANSI ONLY	1/2	12.0	TTG	U	1865	ANSI ONLY	3/16	4.8	TPG (m)	U
2458	ANSI ONLY	1/8	3.0	TPG (m)	U	2461	ANSI ONLY	1/4	6.0	TPG (m)	U
2459	ANSI ONLY	5/32	4.0	TPG (m)	U	Guardian Walled Lake Fab. ; Walled Lake, MI					
2460	ANSI ONLY	3/16	5.0	TPG (m)	U	2566	ANSI ONLY	1/8	3.0	TTG	U
Guardian Inds. Corp. ; Dewitt, IA						2567	ANSI ONLY	5/32	4.0	TTG	U
2020	ANSI ONLY	1/8	3.0	TTG	U	2141	ANSI ONLY	3/16	5.0	TTG	U
2021	ANSI ONLY	5/32	4.0	TTG	U	2142	ANSI ONLY	1/4	6.0	TTG	U
2022	ANSI ONLY	3/16	5.0	TTG	U						
2023	ANSI ONLY	1/4	6.0	TTG	U						
2024	ANSI ONLY	5/16	8.0	TTG	U						
2545	ANSI ONLY	3/8	10.0	TTG	U						
2649	ANSI ONLY	1/2	12.0	TTG	U						
2667	ANSI ONLY	5/32	4.0	TPG (s)	U						
2668	ANSI ONLY	3/16	5.0	TPG (s)	U						

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Interpane Glass Company ; Clinton, NC						Oldcastle Glass Bensenville ; Bensenville, IL					
1073	COMPOSITE	3/16	5.0	TTG	U	1382	COMPOSITE	1/4	6.0	TTG	U
1074	COMPOSITE	1/4	6.0	TTG	U	1383	COMPOSITE	3/8	10.0	TTG	U
1075	COMPOSITE	5/16	8.0	TTG	U	1384	COMPOSITE	1/2	12.0	TTG	U
1076	COMPOSITE	3/8	10.0	TTG	U	2308	COMPOSITE	1/4	6.0	TBG	U
1077	COMPOSITE	1/2	12.0	TTG	U	1536	COMPOSITE	3/8	10.0	TBG	U
2324	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	2053	COMPOSITE	1/2	12.0	TBG	U
2325	COMPOSITE	5/16	8.0	LTG (b) (.030)	U	Oldcastle Glass Indianapolis ; Indianapolis, IN					
2326	COMPOSITE	3/8	10.0	LTG (b) (.030)	U	2210	COMPOSITE	1/8	3.0	TTG	U
2290	COMPOSITE	1/2	12.0	LTG (b) (.030)	U	2216	COMPOSITE	5/32	4.0	TTG	U
Interpane Glass Company ; Deerfield, WI						2211	COMPOSITE	3/16	5.0	TTG	U
2433	COMPOSITE	1/8	3.0	TTG	U	2212	COMPOSITE	1/4	6.0	TTG	U
2042	COMPOSITE	3/16	5.0	TTG	U	2213	COMPOSITE	3/8	10.0	TTG	U
2043	COMPOSITE	1/4	6.0	TTG	U	2214	COMPOSITE	1/2	12.0	TTG	U
2044	COMPOSITE	5/16	8.0	TTG	U	2215	COMPOSITE	3/16	4.8	TPG (s)	U
2045	COMPOSITE	3/8	10.0	TTG	U	Oldcastle Glass Los Angeles ; Los Angeles, CA					
Kohler Company ; Union City, TN						1608	COMPOSITE	1/8	3.0	TTG	U
1979	COMPOSITE	1/8	3.0	TTG	U	1609	COMPOSITE	5/32	4.0	TTG	U
1980	COMPOSITE	5/32	4.0	TTG	U	630	COMPOSITE	3/16	5.0	TTG	U
1981	COMPOSITE	3/16	5.0	TTG	U	514	COMPOSITE	1/4	6.0	TTG	U
1982	COMPOSITE	1/4	6.0	TTG	U	515	COMPOSITE	3/8	10.0	TTG	U
2434	COMPOSITE	3/8	10.0	TTG	U	516	COMPOSITE	1/2	12.0	TTG	U
1983	COMPOSITE	1/8	3.0	TPG (s)	U	2074	COMPOSITE	3/4	19.0	TTG	U
1984	COMPOSITE	3/16	4.8	TPG (s)	U	1611	COMPOSITE	1/8	3.0	TPG (m)	U
Marvin Windows ; Warroad, MN						2075	COMPOSITE	5/32	4.0	TPG (s)	U
1689	COMPOSITE	1/8	3.0	TTG	U	935	COMPOSITE	3/16	4.8	TPG (s)	U
1723	COMPOSITE	5/32	4.0	TTG	U	678	COMPOSITE	7/32	5.6	TPG (s)	U
1690	COMPOSITE	3/16	5.0	TTG	U	Oldcastle Glass Miami ; Miami, FL					
1691	COMPOSITE	1/4	6.0	TTG	U	2241	COMPOSITE	1/8	3.0	TTG	U
1724	COMPOSITE	1/8	3.0	TPG (s)	U	1744	COMPOSITE	3/16	5.0	TTG	U
1701	COMPOSITE	3/16	4.8	TPG (s)	U	1745	COMPOSITE	1/4	6.0	TTG	U
Mid Ohio Tempering ; Columbus, OH						1746	COMPOSITE	3/8	10.0	TTG	U
2491	COMPOSITE	1/8	3.0	TTG	U	1747	COMPOSITE	1/2	12.0	TTG	U
2170	COMPOSITE	3/16	5.0	TTG	U	Oldcastle Glass Perrysburg ; Perrysburg, OH					
2157	COMPOSITE	1/4	6.0	TTG	U	1039	COMPOSITE	1/8	3.0	TTG	U
2158	COMPOSITE	3/8	10.0	TTG	U	592	COMPOSITE	3/16	5.0	TTG	U
2159	COMPOSITE	1/2	12.0	TTG	U	1420	COMPOSITE	1/4	6.0	TTG	U
Milgard Tempering, Inc. ; Tacoma, WA						594	COMPOSITE	3/8	10.0	TTG	U
1578	COMPOSITE	1/4	6.0	TTG	U	595	COMPOSITE	1/2	12.0	TTG	U
Mirror Factory ; Plymouth, MN						Oldcastle Glass Telford ; Telford, PA					
1915	COMPOSITE	7/32	5.6	LTG (b) (.030)	U	2014	COMPOSITE	3/16	5.0	TTG	U
Multiver ; Vanier, QC Canada						1879	COMPOSITE	1/4	6.0	TTG	U
2498	COMPOSITE	1/8	3.0	TTG	U	1880	COMPOSITE	3/8	10.0	TTG	U
2629	COMPOSITE	5/32	4.0	TTG	U	1881	COMPOSITE	1/2	12.0	TTG	U
2630	COMPOSITE	3/16	5.0	TTG	U	1652	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2499	COMPOSITE	1/4	6.0	TTG	U	Oldcastle Glass Wausau ; Schofield, WI					
Nashville Tempered Glass Corp. ; Nashville, TN						1595	COMPOSITE	1/8	3.0	TTG	U
1416	COMPOSITE	1/8	3.0	TTG	U	1862	COMPOSITE	5/32	4.0	TTG	U
2497	COMPOSITE	5/32	4.0	TTG	U	1596	COMPOSITE	3/16	5.0	TTG	U
1467	COMPOSITE	3/16	5.0	TTG	U	1597	COMPOSITE	1/4	6.0	TTG	U
1417	COMPOSITE	1/4	6.0	TTG	U	2650	COMPOSITE	5/16	8.0	TTG	U
2494	COMPOSITE	3/8	10.0	TTG	U	1796	COMPOSITE	3/8	10.0	TTG	U
2420	COMPOSITE	1/8	3.0	TPG (s)	U	1797	COMPOSITE	1/2	12.0	TTG	U
2417	COMPOSITE	3/16	5.0	TPG (d)	U	2651	COMPOSITE	3/4	19.0	TTG	U
						2652	COMPOSITE	5/32	4.0	TPG (d)	U
						2659	COMPOSITE	3/16	5.0	TPG (d)	U
						2653	COMPOSITE	1/4	6.0	TPG (m)	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Oldcastle Glass Wauseon ; Wauseon, OH						Prelco, Inc. ; Riviere-du-Loup, QC Canada					
2516	COMPOSITE	1/8	3.0	TTG	U	2034	COMPOSITE	1/8	3.0	TTG	U
2517	COMPOSITE	3/16	5.0	TTG	U	2035	COMPOSITE	5/32	4.0	TTG	U
2518	COMPOSITE	1/4	6.0	TTG	U	2015	COMPOSITE	1/4	6.0	TTG	U
Patio Enclosures, Inc. ; Macedonia, OH						2381	COMPOSITE	3/8	10.0	TTG	U
2056	COMPOSITE	1/8	3.0	TTG	U	2048	COMPOSITE	1/2	12.0	TTG	U
2057	COMPOSITE	5/32	4.0	TTG	U	2037	COMPOSITE	1/4	6.0	LTG (b)	(.030) U
2058	COMPOSITE	3/16	5.0	TTG	U	Republic Windows & Doors, Inc. ; Chicago, IL					
2059	COMPOSITE	1/4	6.0	TTG	U	2274	COMPOSITE	1/8	3.0	TTG	U
PDC Glass & Metal Services ; Cheswick, PA						2276	COMPOSITE	3/16	5.0	TTG	U
1784	COMPOSITE	1/8	3.0	TTG	U	2277	COMPOSITE	1/4	6.0	TTG	U
1785	COMPOSITE	3/16	5.0	TTG	U	2454	COMPOSITE	1/8	3.0	TPG (s)	U
1786	COMPOSITE	1/4	6.0	TTG	U	Shanghai Yaohua Pilkington Glass Co. ; Miami, FL					
1787	COMPOSITE	3/8	10.0	TTG	U	2696	COMPOSITE	3/8	10.0	TTG	U
1788	COMPOSITE	1/2	12.0	TTG	U	Shaw Glass Co. ; S. Easton, MA					
1789	COMPOSITE	1/8	3.0	TPG (s)	U	1871	COMPOSITE	3/16	5.0	TTG	U
1790	COMPOSITE	3/16	4.8	TPG (s)	U	1035	COMPOSITE	1/4	6.0	TTG	U
PDC Glass of Michigan Inc. ; Plymouth, MI						1036	COMPOSITE	3/8	10.0	TTG	U
2217	COMPOSITE	1/8	3.0	TTG	U	1037	COMPOSITE	1/2	12.0	TTG	U
2218	COMPOSITE	3/16	5.0	TTG	U	1939	COMPOSITE	3/16	4.8	TPG (s)	U
2219	COMPOSITE	1/4	6.0	TTG	U	Sovis North America, Inc. ; Madison, GA					
2229	COMPOSITE	3/8	10.0	TTG	U	2352	COMPOSITE	3/16	5.0	TTG	U
2220	COMPOSITE	1/2	12.0	TTG	U	2353	COMPOSITE	1/4	6.0	TTG	U
2222	COMPOSITE	3/4	19.0	TTG	U	2453	COMPOSITE	3/8	10.0	TTG	U
2223	COMPOSITE	1/8	3.0	TPG (s)	U	2305	COMPOSITE	5/32	4.0	TBG	U
2224	COMPOSITE	3/16	4.8	TPG (s)	U	2306	COMPOSITE	3/16	5.0	TBG	U
PGT Industries ; Nokomis, FL						2307	COMPOSITE	1/4	6.0	TBG	U
2389	COMPOSITE	1/8	3.0	TTG	U	Sovis North America, Inc. ; Thierry, France					
2390	COMPOSITE	3/16	5.0	TTG	U	2248	COMPOSITE	1/4	6.0	TTG	U
2391	COMPOSITE	1/4	6.0	TTG	U	1992	COMPOSITE	5/32	4.0	TBG	U
2425	COMPOSITE	3/8	10.0	TTG	U	1938	COMPOSITE	3/16	5.0	TBG	U
2427	COMPOSITE	1/2	12.0	TTG	U	1864	COMPOSITE	1/4	6.0	TBG	U
2426	COMPOSITE	5/16	8.0	LTG	U	Specialty Building Products ; New Westminster, BC Canada					
2429	COMPOSITE	3/8	10.0	LTG	U	2121	COMPOSITE	1/8	3.0	TTG	22x64
2428	COMPOSITE	1/2	12.0	LTG	U	2504	COMPOSITE	5/32	4.0	TTG	22x64
PPG Inds., Inc. ; Burlington, IA						2309	COMPOSITE	3/16	5.0	TTG	22x64
1605	COMPOSITE	1/8	3.0	TTG	U	Spec-Temp, Inc. ; Antwerp, OH					
1606	COMPOSITE	5/32	4.0	TTG	U	2684	COMPOSITE	1/8	3.0	TTG	U
1603	COMPOSITE	3/16	5.0	TTG	U	2685	COMPOSITE	5/32	4.0	TTG	U
1604	COMPOSITE	1/4	6.0	TTG	U	2686	COMPOSITE	3/16	5.0	TTG	U
PPG Inds., Inc. ; Carlisle, PA						2687	COMPOSITE	1/4	6.0	TTG	U
250	COMPOSITE	1/8	3.0	TTG	U	2688	COMPOSITE	3/8	10.0	TTG	U
675	COMPOSITE	5/32	4.0	TTG	U	2689	COMPOSITE	1/2	12.0	TTG	U
249	COMPOSITE	3/16	5.0	TTG	U	Summit Window & Patio Door ; Yakima, WA					
382	ANSI ONLY	1/4	6.0	TTG	U	1799	COMPOSITE	1/8	3.0	TTG	U
PPG Inds., Inc. ; Fresno, CA						1800	COMPOSITE	3/16	5.0	TTG	U
295	COMPOSITE	1/8	3.0	TTG	U	1801	COMPOSITE	1/4	6.0	TTG	U
676	COMPOSITE	5/32	4.0	TTG	U	2171	COMPOSITE	3/16	4.8	TPG (m)	U
64	COMPOSITE	3/16	5.0	TTG	U	2172	COMPOSITE	1/4	6.0	TPG (m)	U
PPG Inds., Inc. ; Wichita Falls, TX						Swift Glass Co., Inc. ; Elmira Heights, NY					
1110	COMPOSITE	1/8	3.0	TTG	U	1555	COMPOSITE	1/8	3.0	TTG	U
1111	COMPOSITE	5/32	4.0	TTG	U	1556	COMPOSITE	3/16	5.0	TTG	U
1112	COMPOSITE	3/16	5.0	TTG	U	1557	COMPOSITE	1/4	6.0	TTG	U
1113	ANSI ONLY	1/4	6.0	TTG	U	1558	COMPOSITE	3/8	10.0	TTG	U
						1559	COMPOSITE	1/2	12.0	TTG	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Techni-Glass, Inc. ; Surgoinsville, TN						Unitex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, P.R.C. China					
2547	COMPOSITE	1/8	3.0	TTG	U	2572	COMPOSITE	1/8	3.0	TTG	U
2548	COMPOSITE	5/32	4.0	TTG	U	2573	COMPOSITE	5/32	4.0	TTG	U
2549	COMPOSITE	3/16	5.0	TTG	U	2574	COMPOSITE	3/16	5.0	TTG	U
2550	COMPOSITE	3/16	5.0	TPG	U	2575	COMPOSITE	1/4	6.0	TTG	U
Tecnoglass S.A. ; Barranquilla, Colombia						2576	COMPOSITE	3/8	10.0	TTG	U
2133	COMPOSITE	1/8	3.0	TTG	U	2577	COMPOSITE	1/2	12.0	TTG	U
2287	COMPOSITE	5/32	4.0	TTG	U	Vetzeria Valentini S.R.L. ; Brescia, Italy					
1993	COMPOSITE	3/16	5.0	TTG	U	2423	ANSI ONLY	5/32	4.0	TTG	U
1994	COMPOSITE	1/4	6.0	TTG	U	2424	ANSI ONLY	5/32	4.0	TBG	U
2134	COMPOSITE	5/16	8.0	TTG	U	Viracon, Inc. ; Owatonna, MN					
1995	COMPOSITE	3/8	10.0	TTG	U	1403	COMPOSITE	3/16	5.0	TTG	U
2135	COMPOSITE	1/2	12.0	TTG	U	1404	COMPOSITE	1/4	6.0	TTG	U
2365	COMPOSITE	5/8	15.0	TTG	U	1508	COMPOSITE	3/8	10.0	TTG	U
2625	COMPOSITE	5/16	8.0	LTG (b)	(.030) U	1509	COMPOSITE	1/2	12.0	TTG	U
2601	COMPOSITE	5/16	8.0	LTG (b)	(.060) U	1637	COMPOSITE	3/16	4.8	LTG (b)	(.030) U
2626	COMPOSITE	3/8	10.0	LTG (b)	(.030) U	Viracon, Inc. ; Statesboro, GA					
2465	COMPOSITE	7/16	11.0	LTG (b)	(.060) U	2314	COMPOSITE	3/16	5.0	TTG	U
2627	COMPOSITE	1/2	12.0	LTG (b)	(.030) U	2310	COMPOSITE	1/4	6.0	TTG	U
Temperbent Glass, LP ; Alsip, IL						2311	COMPOSITE	3/8	10.0	TTG	U
2679	COMPOSITE	1/8	3.0	TTG	U	2364	COMPOSITE	1/4	6.0	LTG (b)	(.030) U
2680	COMPOSITE	5/32	4.0	TTG	U	Virginia Glass Products Corp. ; Martinsville, VA					
2681	COMPOSITE	3/16	5.0	TTG	U	2302	COMPOSITE	1/8	3.0	TTG	U
2682	COMPOSITE	1/4	6.0	TTG	U	12	COMPOSITE	3/16	5.0	TTG	U
1951	COMPOSITE	3/16	4.8	TBP (s)	U	14	COMPOSITE	1/4	6.0	TTG	U
2006	COMPOSITE	1/4	6.0	TBP (s)	U	93	COMPOSITE	3/8	10.0	TTG	U
1563	COMPOSITE	5/32	4.0	TBG	U	94	COMPOSITE	1/2	12.0	TTG	U
1564	COMPOSITE	3/16	5.0	TBG	U	2182	COMPOSITE	5/8	15.0	TTG	U
1565	COMPOSITE	1/4	6.0	TBG	U	95	COMPOSITE	3/4	19.0	TTG	U
Tempered Glass, Inc. ; Austell, GA						Vitemco S.A. - Glasswall, Inc. ; Cundinamarca, Colombia					
862	COMPOSITE	3/16	5.0	TTG	U	2440	ANSI ONLY	1/4	6.0	TTG	U
863	COMPOSITE	1/4	6.0	TTG	U	2441	ANSI ONLY	3/8	10.0	TTG	U
865	COMPOSITE	3/8	10.0	TTG	U	2442	ANSI ONLY	1/2	12.0	TTG	U
866	COMPOSITE	1/2	12.0	TTG	U	2520	ANSI ONLY	1/2	12.0	LTG (b)	(.060) U
Traco (Three Rivers Alum) ; Cranberry Township, PA						Vitrierie April, Inc. ; Montreal, QC Canada					
2488	COMPOSITE	1/8	3.0	TTG	U	1996	COMPOSITE	1/8	3.0	TTG	U
2489	COMPOSITE	3/16	5.0	TTG	U	1997	COMPOSITE	3/16	5.0	TTG	U
2490	COMPOSITE	1/4	6.0	TTG	U	2543	COMPOSITE	1/4	6.0	TTG	U
2678	COMPOSITE	5/16	8.0	TTG	U	2544	COMPOSITE	3/8	10.0	TTG	U
Traco (Three Rivers Alum) ; Red Oak, IA						2062	COMPOSITE	1/2	12.0	TTG	U
1308	COMPOSITE	1/8	3.0	TTG	U	2063	COMPOSITE	5/8	15.0	TTG	U
1310	COMPOSITE	3/16	5.0	TTG	U	Westshore Glass ; Tampa, FL					
1311	COMPOSITE	1/4	6.0	TTG	U	2492	COMPOSITE	1/8	3.0	TTG	U
United Plate Glass Co., Inc. ; Butler, PA						1971	COMPOSITE	5/32	4.0	TTG	U
2467	COMPOSITE	1/8	3.0	TTG	U	1972	COMPOSITE	3/16	5.0	TTG	U
2468	COMPOSITE	3/16	5.0	TTG	U	1973	COMPOSITE	1/4	6.0	TTG	U
2469	COMPOSITE	1/4	6.0	TTG	U	1978	COMPOSITE	3/8	10.0	TTG	U
2470	COMPOSITE	3/8	10.0	TTG	U	1974	COMPOSITE	1/2	12.0	TTG	U
2471	COMPOSITE	1/2	12.0	TTG	U						
2472	COMPOSITE	3/4	19.0	TTG	U						
2473	COMPOSITE	1/8	3.0	TPG (d)	U						
2683	COMPOSITE	5/32	4.0	TPG	U						
2474	COMPOSITE	3/16	5.0	TPG (d)	U						
2475	COMPOSITE	1/4	6.0	TPG (m)	U						

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<u>Tempered Transparent Glass</u>					
<i>1/8 Inch Tempered Transparent Glass</i>					
ACI Distribution	Greensboro, NC	2648	COMPOSITE	300	U
ACI Distribution	Stockton, CA	2604	COMPOSITE	125	U
ACI Distribution	Dallas, TX	1919	COMPOSITE	900	U
AFG Coatings	Hampton, IA	2410	COMPOSITE	150	U
AFG Inds., Inc.-CA	Victorville, CA	1664	COMPOSITE	250	U
AFG Inds., Inc.-KS	Spring Hill, KS	1702	COMPOSITE	500	U
AFG Inds., Inc.-TN	Kingsport, TN	1390	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	598	COMPOSITE	300	U
AFG Insulating	Quakertown, PA	2507	COMPOSITE	100	U
AFG Insulating	Riverside, CA	2636	COMPOSITE	250	U
AFGD	Tulsa, OK	1453	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1518	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	Concord, ON Canada	1485	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	London, ON Canada	1872	COMPOSITE	400	U
American Flat Glass Dist.	Richmond, VA	2521	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1405	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1708	COMPOSITE	550	U
American Flat Glass Dist.	Hebron, OH	2196	COMPOSITE	200	U
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE	125	U
Anthony International	San Fernando, CA	520	ANSI ONLY	250	U
Bronco Industries, Inc.	Delta, BC Canada	2242	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2457	COMPOSITE	500	U
Cardinal CG	Buford, GA	1921	COMPOSITE	300	U
Cardinal CG	Tumwater, WA	2007	CPSC ONLY	750	U
Cardinal CG	Spring Green, WI	2067	CPSC ONLY	500	U
Cardinal CG	Northfield, MN	1985	CPSC ONLY	150	U
Cardinal CG	Moreno Valley, CA	2293	CPSC ONLY	250	U
Cardinal CG	Galt, CA	2357	COMPOSITE	125	U
Cardinal IG	Fremont, IN	2176	CPSC ONLY	200	U
Cardinal IG	Fargo, ND	2235	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2317	CPSC ONLY	500	U
Cardinal IG	Greenfield, IA	1827	CPSC ONLY	500	U
Cardinal IG	Spring Green, WI	1831	COMPOSITE	500	U
Cardinal IG	Waxahachie, TX	2328	CPSC ONLY	550	U
Cardinal TG	Tomah, WI	1804	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2279	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2101	COMPOSITE	285	U
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	1998	COMPOSITE	200	U
Contour Industries, Inc.	Surgoinsville, TN	1680	COMPOSITE	300	18x76
Coraglass, Inc.	Reform, AL	1908	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2335	COMPOSITE	550	U
Dongli Tempered Glass Co., Ltd.	Qinhuangdao, China	2533	ANSI ONLY	275	U
Downey Glass Industries, LLC	Pompano Beach, FL	2660	COMPOSITE	285	U
Edge Seal Technologies	Walton Hills, OH	2050	COMPOSITE	200	U
Engineered Glass Products, L.L.C.	Chicago, IL	2588	ANSI ONLY	200	16x26"
Floral Glass & Mirror	Hauppauge, NY	1546	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2551	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1334	COMPOSITE	275	U
Glass South Africa, LTD, Parow	Cape Town, South Africa	2658	COMPOSITE	285	34x34"
Glass, Inc.	Englewood, CO	2185	COMPOSITE	250	U

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<i>1/8 Inch Tempered Transparent Glass</i>					
Glass-Tex Industries	Magnolia, TX	2617	COMPOSITE	550	U
Goldray, Inc.	Calgary, AB Canada	2444	COMPOSITE	750	U
Guardian Canada Corp.	Tilsonburg, ON Canada	1462	ANSI ONLY	400	U
Guardian Fabrication Inc.	Webster, MA	300	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1355	ANSI ONLY	900	U
Guardian Inds. Corp.	Lewistown, PA	1627	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2259	ANSI ONLY	400	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1161	ANSI ONLY	285	U
Guardian Inds. Corp.	Corsicana, TX	1248	ANSI ONLY	550	U
Guardian Inds. Corp.	Kingsburg, CA	968	ANSI ONLY	125	U
Guardian Inds. Corp.	Richburg, SC	1630	ANSI ONLY	300	U
Guardian Inds. Corp.	Dewitt, IA	2020	ANSI ONLY	500	U
Guardian Inds. Corp.	Carleton, MI	933	ANSI ONLY	200	U
Guardian Walled Lake Fab.	Walled Lake, MI	2566	ANSI ONLY	200	U
Interpane Glass Company	Deerfield, WI	2433	COMPOSITE	975	U
Kohler Company	Union City, TN	1979	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1689	COMPOSITE	150	U
Mid Ohio Tempering	Columbus, OH	2491	COMPOSITE	200	U
Multiver	Vanier, QC Canada	2498	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2210	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1608	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	2241	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	1039	COMPOSITE	200	U
Oldcastle Glass Wausau	Schofield, WI	1595	COMPOSITE	150	U
Oldcastle Glass Wauseon	Wauseon, OH	2516	COMPOSITE	200	U
Patio Enclosures, Inc.	Macedonia, OH	2056	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1784	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2217	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2389	COMPOSITE	285	U
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	550	U
PPG Inds., Inc.	Fresno, CA	295	COMPOSITE	125	U
PPG Inds., Inc.	Burlington, IA	1605	COMPOSITE	500	U
PPG Inds., Inc.	Carlisle, PA	250	COMPOSITE	400	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2034	COMPOSITE	100	U
Republic Windows & Doors, Inc.	Chicago, IL	2274	COMPOSITE	500	U
Specialty Building Products	New Westminster, BC Canada	2121	COMPOSITE	750	22x64
Spec-Temp, Inc.	Antwerp, OH	2684	COMPOSITE	500	U
Summit Window & Patio Door	Yakima, WA	1799	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE	400	U
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMPOSITE	285	U
Temperbent Glass, LP	Alsip, IL	2679	COMPOSITE	150	U
Traco (Three Rivers Alum)	Red Oak, IA	1308	COMPOSITE	150	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2488	COMPOSITE	100	U
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE	100	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2572	COMPOSITE	200	U
Virginia Glass Products Corp.	Martinsville, VA	2302	COMPOSITE	285	U
Vitrene April, Inc.	Montreal, QC Canada	1996	COMPOSITE	400	U
Westshore Glass	Tampa, FL	2492	COMPOSITE	285	U
<i>1/8 Inch Tempered Transparent Glass</i>					
Guardian Fabrication Inc.	Millbury, OH	2616	ANSI ONLY	200	U

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<i>1/8 Inch Tempered Transparent Glass</i>					
Changshu Zhongcheng Bldg. Material	Changshu City, China	2432	ANSI ONLY	750	U
<i>5/32 Inch Tempered Transparent Glass</i>					
ACI Distribution	Stockton, CA	2605	COMPOSITE	125	U
AFG Coatings	Hampton, IA	2411	COMPOSITE	150	U
AFG Inds., Inc.-CA	Victorville, CA	1641	COMPOSITE	250	U
AFG Inds., Inc.-KS	Spring Hill, KS	1703	COMPOSITE	500	U
AFG Inds., Inc.-TN	Kingsport, TN	949	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	955	COMPOSITE	300	U
AFG Insulating	Riverside, CA	2637	COMPOSITE	250	U
AFGD	Tulsa, OK	1870	COMPOSITE	550	U
AFGD, Div. of AFG Inds., Ltd.	Concord, ON Canada	1486	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	London, ON Canada	1873	COMPOSITE	400	U
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	100	U
American Flat Glass Dist.	Richmond, VA	2480	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1967	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2284	COMPOSITE	200	U
Amsco Windows	Salt Lake City, UT	2579	COMPOSITE	125	U
Anthony International	San Fernando, CA	2289	ANSI ONLY	250	U
Bronco Industries, Inc.	Delta, BC Canada	2243	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2500	COMPOSITE	500	U
Cardinal CG	Spring Green, WI	2068	CPSC ONLY	500	U
Cardinal CG	Tumwater, WA	2008	CPSC ONLY	750	U
Cardinal CG	Galt, CA	2358	COMPOSITE	125	U
Cardinal CG	Northfield, MN	1986	CPSC ONLY	150	U
Cardinal CG	Moreno Valley, CA	2294	CPSC ONLY	250	U
Cardinal CG	Buford, GA	1922	COMPOSITE	300	U
Cardinal IG	Spring Green, WI	1832	COMPOSITE	500	U
Cardinal IG	Fremont, IN	2177	CPSC ONLY	200	U
Cardinal IG	Greenfield, IA	1828	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2234	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2318	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2329	CPSC ONLY	550	U
Cardinal TG	Tomah, WI	1805	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2280	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2102	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	1999	COMPOSITE	200	U
Coraglass, Inc.	Reform, AL	1909	COMPOSITE	300	U
Edge Seal Technologies	Walton Hills, OH	2051	COMPOSITE	200	U
Engineered Glass Products, L.L.C.	Chicago, IL	2589	ANSI ONLY	200	16x26"
Gemtron-Sweetwater	Sweetwater, TN	1332	COMPOSITE	275	U
Glass South Africa, LTD, Parow	Cape Town, South Africa	2421	COMPOSITE	285	U
Goldray, Inc.	Calgary, AB Canada	2445	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	1607	ANSI ONLY	100	U
Guardian Fabrication Inc.	Millbury, OH	1575	ANSI ONLY	200	U
Guardian Fabrication Inc.	Rogers, AR	1616	ANSI ONLY	900	U
Guardian Inds. Corp.	Kingsburg, CA	969	ANSI ONLY	125	U
Guardian Inds. Corp.	Dewitt, IA	2021	ANSI ONLY	500	U
Guardian Inds. Corp.	Carleton, MI	934	ANSI ONLY	200	U
Guardian Inds. Corp.	Corsicana, TX	1249	ANSI ONLY	550	U
Guardian Inds. Corp.	Richburg, SC	1631	ANSI ONLY	300	U
Guardian Inds. Corp.	Lewistown, PA	1866	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2260	ANSI ONLY	400	U

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<i>5/32 Inch Tempered Transparent Glass</i>					
Guardian Walled Lake Fab.	Walled Lake, MI	2567	ANSI ONLY	200	U
Kohler Company	Union City, TN	1980	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1723	COMPOSITE	150	U
Multiver	Vanier, QC Canada	2629	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2216	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1609	COMPOSITE	125	U
Oldcastle Glass Wausau	Schofield, WI	1862	COMPOSITE	150	U
Patio Enclosures, Inc.	Macedonia, OH	2057	COMPOSITE	200	U
PPG Inds., Inc.	Fresno, CA	676	COMPOSITE	125	U
PPG Inds., Inc.	Carlisle, PA	675	COMPOSITE	400	U
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE	550	U
PPG Inds., Inc.	Burlington, IA	1606	COMPOSITE	500	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2035	COMPOSITE	100	U
Specialty Building Products	New Westminster, BC Canada	2504	COMPOSITE	750	22x64
Spec-Temp, Inc.	Antwerp, OH	2685	COMPOSITE	500	U
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMPOSITE	285	U
Temperbent Glass, LP	Alsip, IL	2680	COMPOSITE	150	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2573	COMPOSITE	200	U
Vetreria Valentini S.R.L.	Brescia, Italy	2423	ANSI ONLY	400	U
Westshore Glass	Tampa, FL	1971	COMPOSITE	285	U
<i>3/16 Inch Tempered Transparent Glass</i>					
ACI Distribution	Greensboro, NC	1642	COMPOSITE	300	U
ACI Distribution	Dallas, TX	400	COMPOSITE	900	U
ACI Distribution	Stockton, CA	2606	COMPOSITE	125	U
ACI Distribution	Santa Fe Springs, CA	1157	COMPOSITE	250	U
ACI Distribution	Santa Clara, CA	2436	COMPOSITE	250	U
AFG Coatings	Hampton, IA	2412	COMPOSITE	150	U
AFG Inds., Inc.-CA	Victorville, CA	1663	COMPOSITE	250	U
AFG Inds., Inc.-KS	Spring Hill, KS	1704	COMPOSITE	500	U
AFG Inds., Inc.-TN	Kingsport, TN	28	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	220	COMPOSITE	300	U
AFG Insulating	Quakertown, PA	2509	COMPOSITE	100	U
AFG Insulating	Riverside, CA	2638	COMPOSITE	250	U
AFGD	Tulsa, OK	1454	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1519	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	Concord, ON Canada	1945	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	London, ON Canada	1874	COMPOSITE	400	U
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE	100	U
American Flat Glass Dist.	Hebron, OH	2197	COMPOSITE	200	U
American Flat Glass Dist.	Richmond, VA	2522	COMPOSITE	100	U
American Flat Glass Dist.	Alvarado, TX	1709	COMPOSITE	550	U
American Flat Glass Dist.	Marietta, GA	1230	COMPOSITE	300	U
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE	125	U
Amsco Windows	Salt Lake City, UT	2581	COMPOSITE	125	U
Anthony International	San Fernando, CA	999	ANSI ONLY	250	U
Bronco Industries, Inc.	Delta, BC Canada	2244	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE	500	U
Cardinal CG	Galt, CA	2359	COMPOSITE	125	U
Cardinal CG	Moreno Valley, CA	2295	CPSC ONLY	250	U
Cardinal CG	Tumwater, WA	2009	CPSC ONLY	750	U

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<i>3/16 Inch Tempered Transparent Glass</i>					
Cardinal CG	Buford, GA	1923	COMPOSITE	300	U
Cardinal CG	Northfield, MN	1987	CPSC ONLY	150	U
Cardinal CG	Spring Green, WI	2069	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2233	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2319	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2330	CPSC ONLY	550	U
Cardinal IG	Greenfield, IA	1829	CPSC ONLY	500	U
Cardinal IG	Spring Green, WI	1833	COMPOSITE	500	U
Cardinal IG	Fremont, IN	2178	CPSC ONLY	200	U
Cardinal TG	Tomah, WI	1806	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2281	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2103	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2237	COMPOSITE	400	U
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	2005	COMPOSITE	200	U
Contour Industries, Inc.	Surgoinsville, TN	1678	COMPOSITE	300	18x76
Coraglass, Inc.	Reform, AL	1910	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2336	COMPOSITE	550	U
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE	285	U
Edge Seal Technologies	Walton Hills, OH	2052	COMPOSITE	200	U
Efco Corp.	Monett, MO	1901	COMPOSITE	150	U
Engineered Glass Products, L.L.C.	Chicago, IL	2590	ANSI ONLY	200	16x26"
Floral Glass & Mirror	Hauppauge, NY	1547	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2553	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1201	COMPOSITE	275	U
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE	275	U
Glass South Africa, LTD, Parow	Cape Town, South Africa	2422	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2186	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2618	COMPOSITE	550	U
Goldray, Inc.	Calgary, AB Canada	2446	COMPOSITE	750	U
Guardian Fabrication Inc.	Millbury, OH	1576	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	1216	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1356	ANSI ONLY	900	U
Guardian Inds. Corp.	Kingsburg, CA	970	ANSI ONLY	125	U
Guardian Inds. Corp.	Corsicana, TX	1250	ANSI ONLY	550	U
Guardian Inds. Corp.	Geneva, NY	2261	ANSI ONLY	400	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	633	ANSI ONLY	285	U
Guardian Inds. Corp.	Dewitt, IA	2022	ANSI ONLY	500	U
Guardian Inds. Corp.	Richburg, SC	1632	ANSI ONLY	300	U
Guardian Inds. Corp.	Lewistown, PA	1628	ANSI ONLY	100	U
Guardian Inds. Corp.	Carleton, MI	631	ANSI ONLY	200	U
Guardian Walled Lake Fab.	Walled Lake, MI	2141	ANSI ONLY	200	U
Interpane Glass Company	Deerfield, WI	2042	COMPOSITE	975	U
Interpane Glass Company	Clinton, NC	1073	COMPOSITE	100	U
Kohler Company	Union City, TN	1981	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1690	COMPOSITE	150	U
Mid Ohio Tempering	Columbus, OH	2170	COMPOSITE	200	U
Multiver	Vanier, QC Canada	2630	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2211	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	630	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1744	COMPOSITE	285	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Tempered Transparent Glass</i>					
Oldcastle Glass Perrysburg	Perrysburg, OH	592	COMPOSITE	200	U
Oldcastle Glass Telford	Telford, PA	2014	COMPOSITE	100	U
Oldcastle Glass Wausau	Schofield, WI	1596	COMPOSITE	150	U
Oldcastle Glass Wauseon	Wauseon, OH	2517	COMPOSITE	200	U
Patio Enclosures, Inc.	Macedonia, OH	2058	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1785	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2218	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2390	COMPOSITE	285	U
PPG Inds., Inc.	Burlington, IA	1603	COMPOSITE	500	U
PPG Inds., Inc.	Carlisle, PA	249	COMPOSITE	400	U
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE	550	U
PPG Inds., Inc.	Fresno, CA	64	COMPOSITE	125	U
Republic Windows & Doors, Inc.	Chicago, IL	2276	COMPOSITE	500	U
Shaw Glass Co.	S. Easton, MA	1871	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2352	COMPOSITE	300	U
Specialty Building Products	New Westminster, BC Canada	2309	COMPOSITE	750	22x64
Spec-Temp, Inc.	Antwerp, OH	2686	COMPOSITE	500	U
Summit Window & Patio Door	Yakima, WA	1800	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE	400	U
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMPOSITE	285	U
Temperbent Glass, LP	Alsip, IL	2681	COMPOSITE	150	U
Tempered Glass, Inc.	Austell, GA	862	COMPOSITE	300	U
Traco (Three Rivers Alum)	Red Oak, IA	1310	COMPOSITE	150	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2489	COMPOSITE	100	U
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE	100	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2574	COMPOSITE	200	U
Viracon, Inc.	Statesboro, GA	2314	COMPOSITE	100	U
Viracon, Inc.	Owatonna, MN	1403	COMPOSITE	150	U
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE	285	U
Vitrierie April, Inc.	Montreal, QC Canada	1997	COMPOSITE	400	U
Westshore Glass	Tampa, FL	1972	COMPOSITE	285	U
<i>1/4 Inch Tempered Transparent Glass</i>					
ACI Distribution	Stockton, CA	2607	COMPOSITE	125	U
ACI Distribution	Santa Clara, CA	1496	COMPOSITE	250	U
ACI Distribution	Dallas, TX	402	COMPOSITE	900	U
ACI Distribution	Greensboro, NC	1643	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	1535	COMPOSITE	250	U
AFG Coatings	Hampton, IA	2413	COMPOSITE	150	U
AFG Inds., Inc.-CA	Victorville, CA	1925	COMPOSITE	250	U
AFG Inds., Inc.-KS	Spring Hill, KS	1705	COMPOSITE	500	U
AFG Inds., Inc.-TN	Greenland, TN	89	COMPOSITE	300	U
AFG Inds., Inc.-TN	Kingsport, TN	24	COMPOSITE	300	U
AFG Insulating	Riverside, CA	2639	COMPOSITE	250	U
AFG Insulating	Quakertown, PA	2666	COMPOSITE	100	U
AFGD	Tulsa, OK	1455	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1520	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	London, ON Canada	1875	COMPOSITE	400	U
AFGD, Div. of AFG Inds., Ltd.	Concord, ON Canada	1489	COMPOSITE	400	U
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1756	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1231	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2198	COMPOSITE	200	U

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Transparent Glass</i>					
American Flat Glass Dist.	Alvarado, TX	1710	COMPOSITE	550	U
American Flat Glass Dist.	Richmond, VA	1957	COMPOSITE	100	U
Anthony International	San Fernando, CA	1000	ANSI ONLY	250	U
Berkowitz, J.E.	Westville, NJ	1990	COMPOSITE	100	U
Bronco Industries, Inc.	Delta, BC Canada	2245	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE	500	U
Cardinal CG	Tumwater, WA	2010	CPSC ONLY	750	U
Cardinal CG	Galt, CA	2360	COMPOSITE	125	U
Cardinal CG	Spring Green, WI	2070	CPSC ONLY	500	U
Cardinal CG	Buford, GA	1924	COMPOSITE	300	U
Cardinal CG	Northfield, MN	1988	CPSC ONLY	150	U
Cardinal CG	Moreno Valley, CA	2296	CPSC ONLY	250	U
Cardinal IG	Greenfield, IA	1830	CPSC ONLY	500	U
Cardinal IG	Tomah, WI	2320	CPSC ONLY	500	U
Cardinal IG	Spring Green, WI	1834	COMPOSITE	500	U
Cardinal IG	Fremont, IN	2179	CPSC ONLY	200	U
Cardinal IG	Waxahachie, TX	2331	CPSC ONLY	550	U
Cardinal IG	Fargo, ND	2232	COMPOSITE	150	U
Cardinal TG	Tomah, WI	1807	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2104	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	1847	COMPOSITE	400	U
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	2002	COMPOSITE	200	U
Contour Industries, Inc.	Surgoinsville, TN	1677	COMPOSITE	300	18x76
Coraglass, Inc.	Reform, AL	1911	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2337	COMPOSITE	550	U
Downey Glass Industries, LLC	Pompano Beach, FL	2662	COMPOSITE	285	U
Edge Seal Technologies	Walton Hills, OH	2055	COMPOSITE	200	U
Efco Corp.	Monett, MO	1902	COMPOSITE	150	U
Floral Glass & Mirror	Hauppauge, NY	1548	COMPOSITE	400	U
FTG of NC, LLC	Kemersville, NC	2554	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1477	COMPOSITE	275	U
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2187	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2619	COMPOSITE	550	U
Goldray, Inc.	Calgary, AB Canada	2447	COMPOSITE	750	U
Guardian Fabrication Inc.	Rogers, AR	1357	ANSI ONLY	900	U
Guardian Fabrication Inc.	Millbury, OH	1577	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	662	ANSI ONLY	100	U
Guardian Inds. Corp.	Dewitt, IA	2023	ANSI ONLY	500	U
Guardian Inds. Corp.	Corsicana, TX	1251	ANSI ONLY	550	U
Guardian Inds. Corp.	Richburg, SC	1633	ANSI ONLY	300	U
Guardian Inds. Corp.	Lewistown, PA	1629	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2262	ANSI ONLY	400	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	40	ANSI ONLY	285	U
Guardian Inds. Corp.	Kingsburg, CA	971	ANSI ONLY	125	U
Guardian Inds. Corp.	Carleton, MI	131	ANSI ONLY	200	U
Guardian Walled Lake Fab.	Walled Lake, MI	2142	ANSI ONLY	200	U
Interpane Glass Company	Deerfield, WI	2043	COMPOSITE	975	U
Interpane Glass Company	Clinton, NC	1074	COMPOSITE	100	U
Kohler Company	Union City, TN	1982	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1691	COMPOSITE	150	U

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Transparent Glass</i>					
Mid Ohio Tempering	Columbus, OH	2157	COMPOSITE	200	U
Milgard Tempering, Inc.	Tacoma, WA	1578	COMPOSITE	750	U
Multiver	Vanier, QC Canada	2499	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1382	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2212	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	514	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1745	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	1420	COMPOSITE	200	U
Oldcastle Glass Telford	Telford, PA	1879	COMPOSITE	100	U
Oldcastle Glass Wausau	Schofield, WI	1597	COMPOSITE	150	U
Oldcastle Glass Wauseon	Wauseon, OH	2518	COMPOSITE	200	U
Patio Enclosures, Inc.	Macedonia, OH	2059	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1786	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2219	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2391	COMPOSITE	285	U
PPG Inds., Inc.	Wichita Falls, TX	1113	ANSI ONLY	550	U
PPG Inds., Inc.	Carlisle, PA	382	ANSI ONLY	400	U
PPG Inds., Inc.	Burlington, IA	1604	COMPOSITE	500	U
Preico, Inc.	Riviere-du-Loup, QC Canada	2015	COMPOSITE	100	U
Republic Windows & Doors, Inc.	Chicago, IL	2277	COMPOSITE	500	U
Shaw Glass Co.	S. Easton, MA	1035	COMPOSITE	400	U
Sovis North America, Inc.	Thierry, France	2248	COMPOSITE	300	U
Sovis North America, Inc.	Madison, GA	2353	COMPOSITE	300	U
Spec-Temp, Inc.	Antwerp, OH	2687	COMPOSITE	500	U
Summit Window & Patio Door	Yakima, WA	1801	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE	400	U
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMPOSITE	285	U
Temperbent Glass, LP	Alsip, IL	2682	COMPOSITE	150	U
Tempered Glass, Inc.	Austell, GA	863	COMPOSITE	300	U
Traco (Three Rivers Alum)	Red Oak, IA	1311	COMPOSITE	150	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2490	COMPOSITE	100	U
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE	100	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2575	COMPOSITE	200	U
Viracon, Inc.	Owatonna, MN	1404	COMPOSITE	150	U
Viracon, Inc.	Statesboro, GA	2310	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2440	ANSI ONLY	285	U
Vitrierie April, Inc.	Montreal, QC Canada	2543	COMPOSITE	400	U
Westshore Glass	Tampa, FL	1973	COMPOSITE	285	U
<i>5/16 Inch Tempered Transparent Glass</i>					
Coraglass, Inc.	Reform, AL	2645	COMPOSITE	300	U
Guardian Inds. Corp.	Corsicana, TX	1826	ANSI ONLY	550	U
Guardian Inds. Corp.	Dewitt, IA	2024	ANSI ONLY	500	U
Guardian Inds. Corp.	Richburg, SC	2382	ANSI ONLY	300	U
Interpane Glass Company	Deerfield, WI	2044	COMPOSITE	975	U
Interpane Glass Company	Clinton, NC	1075	COMPOSITE	100	U
Oldcastle Glass Wausau	Schofield, WI	2650	COMPOSITE	150	U
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2678	COMPOSITE	100	U

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/8 Inch Tempered Transparent Glass</i>					
ACI Distribution	Stockton, CA	2608	COMPOSITE	125	U
ACI Distribution	Santa Clara, CA	1497	COMPOSITE	250	U
ACI Distribution	Dallas, TX	1107	COMPOSITE	900	U
ACI Distribution	Santa Fe Springs, CA	1179	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1644	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	90	COMPOSITE	300	U
AFGD	Tulsa, OK	1456	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1521	COMPOSITE	400	U
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1757	COMPOSITE	100	U
American Flat Glass Dist.	Hebron, OH	2199	COMPOSITE	200	U
American Flat Glass Dist.	Alvarado, TX	1711	COMPOSITE	550	U
American Flat Glass Dist.	Richmond, VA	1958	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1232	COMPOSITE	300	U
Berkowitz, J.E.	Westville, NJ	2646	COMPOSITE	100	U
Bronco Industries, Inc.	Delta, BC Canada	2246	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2512	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	1848	COMPOSITE	400	U
Consolidated Glass Corp.	New Castle, PA	2003	COMPOSITE	200	U
Coraglass, Inc.	Reform, AL	2144	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2338	COMPOSITE	550	U
Downey Glass Industries, LLC	Pompano Beach, FL	2663	COMPOSITE	285	U
Engineered Glass Products, L.L.C.	Chicago, IL	2602	ANSI ONLY	200	17x30"
Floral Glass & Mirror	Hauppauge, NY	1549	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2556	COMPOSITE	300	U
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2188	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2620	COMPOSITE	550	U
Goldray, Inc.	Calgary, AB Canada	2448	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	471	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	1253	ANSI ONLY	550	U
Guardian Inds. Corp.	Richburg, SC	1634	ANSI ONLY	300	U
Guardian Inds. Corp.	Dewitt, IA	2545	ANSI ONLY	500	U
Guardian Inds. Corp.	Lewistown, PA	1867	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2519	ANSI ONLY	400	U
Interpane Glass Company	Clinton, NC	1076	COMPOSITE	100	U
Interpane Glass Company	Deerfield, WI	2045	COMPOSITE	975	U
Kohler Company	Union City, TN	2434	COMPOSITE	550	U
Mid Ohio Tempering	Columbus, OH	2158	COMPOSITE	200	U
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1383	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2213	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	515	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1746	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	594	COMPOSITE	200	U
Oldcastle Glass Telford	Telford, PA	1880	COMPOSITE	100	U
Oldcastle Glass Wausau	Schofield, WI	1796	COMPOSITE	150	U
PDC Glass & Metal Services	Cheswick, PA	1787	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2229	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2425	COMPOSITE	285	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2381	COMPOSITE	100	U
Shanghai Yaohua Pilkington Glass Co.	Miami, FL	2696	COMPOSITE	285	U

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/8 Inch Tempered Transparent Glass</i>					
Shaw Glass Co.	S. Easton, MA	1036	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2453	COMPOSITE	300	U
Spec-Temp, Inc.	Antwerp, OH	2688	COMPOSITE	500	U
Swift Glass Co., Inc.	Elmira Heights, NY	1558	COMPOSITE	400	U
Tecnoglass S.A.	Barranquilla, Colombia	1995	COMPOSITE	285	U
Tempered Glass, Inc.	Austell, GA	865	COMPOSITE	300	U
United Plate Glass Co., Inc.	Butler, PA	2470	COMPOSITE	100	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2576	COMPOSITE	200	U
Viracon, Inc.	Owatonna, MN	1508	COMPOSITE	150	U
Viracon, Inc.	Statesboro, GA	2311	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2441	ANSI ONLY	285	U
Vitrierie April, Inc.	Montreal, QC Canada	2544	COMPOSITE	400	U
Westshore Glass	Tampa, FL	1978	COMPOSITE	285	U
<i>1/2 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1108	COMPOSITE	900	U
ACI Distribution	Santa Clara, CA	1498	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1645	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	640	COMPOSITE	250	U
AFGD	Tulsa, OK	1457	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1522	COMPOSITE	400	U
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	100	U
American Flat Glass Dist.	Richmond, VA	1959	COMPOSITE	100	U
American Flat Glass Dist.	Hebron, OH	2200	COMPOSITE	200	U
American Flat Glass Dist.	Marietta, GA	1406	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1712	COMPOSITE	550	U
Berkowitz, J.E.	Westville, NJ	1991	COMPOSITE	100	U
Bronco Industries, Inc.	Delta, BC Canada	2247	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2513	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	1929	COMPOSITE	400	U
Consolidated Glass Corp.	New Castle, PA	2004	COMPOSITE	200	U
Coraglass, Inc.	Reform, AL	2145	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2339	COMPOSITE	550	U
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE	285	U
Floral Glass & Mirror	Hauppauge, NY	1550	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2557	COMPOSITE	300	U
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2189	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2621	COMPOSITE	550	U
Goldray, Inc.	Calgary, AB Canada	2449	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	1235	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	1803	ANSI ONLY	550	U
Guardian Inds. Corp.	Dewitt, IA	2649	ANSI ONLY	500	U
Guardian Inds. Corp.	Lewistown, PA	1868	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	1077	COMPOSITE	100	U
Mid Ohio Tempering	Columbus, OH	2159	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1384	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2214	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	516	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1747	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	595	COMPOSITE	200	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/2 Inch Tempered Transparent Glass</i>					
Oldcastle Glass Telford	Telford, PA	1881	COMPOSITE	100	U
Oldcastle Glass Wausau	Schofield, WI	1797	COMPOSITE	150	U
PDC Glass & Metal Services	Cheswick, PA	1788	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2220	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2427	COMPOSITE	285	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2048	COMPOSITE	100	U
Shaw Glass Co.	S. Easton, MA	1037	COMPOSITE	400	U
Spec-Temp, Inc.	Antwerp, OH	2689	COMPOSITE	500	U
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE	400	U
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMPOSITE	285	U
Tempered Glass, Inc.	Austell, GA	866	COMPOSITE	300	U
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE	100	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2577	COMPOSITE	200	U
Viracon, Inc.	Owatonna, MN	1509	COMPOSITE	150	U
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2442	ANSI ONLY	285	U
Vitrierie April, Inc.	Montreal, QC Canada	2062	COMPOSITE	400	U
Westshore Glass	Tampa, FL	1974	COMPOSITE	285	U
<i>5/8 Inch Tempered Transparent Glass</i>					
Colonial Mirror & Glass Corp.	Brooklyn, NY	2236	COMPOSITE	400	U
Consolidated Glass Corp.	New Castle, PA	2060	COMPOSITE	200	U
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMPOSITE	285	U
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE	285	U
Vitrierie April, Inc.	Montreal, QC Canada	2063	COMPOSITE	400	U
<i>3/4 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1225	COMPOSITE	900	U
Berkowitz, J.E.	Westville, NJ	2647	COMPOSITE	100	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2238	COMPOSITE	400	U
Coraglass, Inc.	Reform, AL	2644	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2340	COMPOSITE	550	U
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE	285	U
Floral Glass & Mirror	Huappauge, NY	1551	COMPOSITE	400	U
GGI Glass Distributors Corp.	Secaucus, NJ	2283	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2190	COMPOSITE	250	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2074	COMPOSITE	125	U
Oldcastle Glass Wausau	Schofield, WI	2651	COMPOSITE	150	U
PDC Glass of Michigan Inc.	Plymouth, MI	2222	COMPOSITE	275	U
United Plate Glass Co., Inc.	Butler, PA	2472	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE	285	U
<u>Tempered Patterned Glass</u>					
<i>7/64 Inch Tempered Patterned Glass</i>					
AFG Inds., Inc.-TN	Kingsport, TN	2407	COMPOSITE	300	U
<i>1/8 Inch Tempered Patterned Glass</i>					
ACI Distribution	Santa Fe Springs, CA	1861	COMPOSITE	250	U
ACI Distribution	Dallas, TX	2418	ANSI ONLY	900	U
ACI Distribution	Stockton, CA	2611	COMPOSITE	125	U
AFG Coatings	Hampton, IA	2414	COMPOSITE	150	U
AFG Inds., Inc.-TN	Kingsport, TN	1414	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	587	COMPOSITE	300	U
AFG Insulating	Quakertown, PA	2510	COMPOSITE	100	U

January 1, 2003

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/8 Inch Tempered Patterned Glass</i>					
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE	125	U
Cardinal CG	Buford, GA	2146	CPSC ONLY	300	U
Cardinal CG	Spring Green, WI	2071	CPSC ONLY	500	U
Cardinal CG	Northfield, MN	2011	CPSC ONLY	150	U
Cardinal IG	Fargo, ND	2231	COMPOSITE	150	U
Cardinal IG	Fremont, IN	2203	CPSC ONLY	200	U
Cardinal IG	Waxahachie, TX	2397	CPSC ONLY	550	U
Cardinal IG	Tomah, WI	2321	CPSC ONLY	500	29x76
Cardinal IG	Greenfield, IA	1841	CPSC ONLY	500	U
Cardinal IG	Spring Green, WI	1844	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2107	COMPOSITE	285	U
Contour Industries, Inc.	Surgoinsville, TN	1676	COMPOSITE	300	18x76
Coraglass, Inc.	Reform, AL	1962	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1422	COMPOSITE	275	U
Glass-Tex Industries	Magnolia, TX	2622	ANSI ONLY	550	U
Guardian Fabrication Inc.	Webster, MA	2450	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1358	ANSI ONLY	900	U
Guardian Inds. Corp.	Kingsburg, CA	1303	ANSI ONLY	125	U
Guardian Inds. Corp.	Richburg, SC	1683	ANSI ONLY	300	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1665	ANSI ONLY	285	U
Guardian Inds. Corp.	Corsicana, TX	2458	ANSI ONLY	550	U
Kohler Company	Union City, TN	1983	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1724	COMPOSITE	150	U
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMPOSITE	200	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1611	COMPOSITE	125	U
PDC Glass & Metal Services	Cheswick, PA	1789	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2223	COMPOSITE	275	U
Republic Windows & Doors, Inc.	Chicago, IL	2454	COMPOSITE	500	U
United Plate Glass Co., Inc.	Butler, PA	2473	COMPOSITE	100	U
<i>5/32 Inch Tempered Patterned Glass</i>					
ACI Distribution	Stockton, CA	2612	COMPOSITE	125	U
AFG Inds., Inc.-TN	Kingsport, TN	2249	COMPOSITE	300	U
AFGD	Tulsa, OK	1617	COMPOSITE	550	U
AFGD Glass	Fall River, MA	2160	COMPOSITE	400	U
American Flat Glass Dist.	Alvarado, TX	2406	COMPOSITE	550	U
American Flat Glass Dist.	Richmond, VA	2479	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1428	COMPOSITE	300	U
Amsco Windows	Salt Lake City, UT	2583	COMPOSITE	125	U
Cardinal CG	Northfield, MN	2012	CPSC ONLY	150	U
Cardinal CG	Buford, GA	2147	CPSC ONLY	300	U
Cardinal IG	Spring Green, WI	1845	COMPOSITE	500	U
Cardinal IG	Tomah, WI	2322	CPSC ONLY	500	29x76
Cardinal IG	Greenfield, IA	1842	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2204	CPSC ONLY	200	U
Cardinal IG	Fargo, ND	2285	COMPOSITE	150	U
Coastal Glass Distributors	Charleston, SC	2108	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE	200	U
Coraglass, Inc.	Reform, AL	1963	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1424	COMPOSITE	275	U
Guardian Fabrication Inc.	Webster, MA	2451	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1359	ANSI ONLY	900	U
Guardian Inds. Corp.	Richburg, SC	1635	ANSI ONLY	300	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>5/32 Inch Tempered Patterned Glass</i>					
Guardian Inds. Corp.	Kingsburg, CA	1301	ANSI ONLY	125	U
Guardian Inds. Corp.	Dewitt, IA	2667	ANSI ONLY	500	U
Guardian Inds. Corp.	Corsicana, TX	2459	ANSI ONLY	550	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2075	COMPOSITE	125	U
Oldcastle Glass Wausau	Schofield, WI	2652	COMPOSITE	150	U
United Plate Glass Co., Inc.	Butler, PA	2683	COMPOSITE	100	U
<i>3/16 Inch Tempered Patterned Glass</i>					
ACI Distribution	Santa Clara, CA	2368	COMPOSITE	250	U
ACI Distribution	Dallas, TX	1728	COMPOSITE	900	U
ACI Distribution	Greensboro, NC	2077	COMPOSITE	300	U
AFG Inds., Inc.-TN	Greenland, TN	1139	COMPOSITE	300	U
AFG Inds., Inc.-TN	Kingsport, TN	2206	COMPOSITE	300	U
AFGD	Tulsa, OK	1618	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1523	COMPOSITE	400	U
American Flat Glass Dist.	Marietta, GA	2054	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1714	COMPOSITE	550	U
Cardinal CG	Buford, GA	2148	CPSC ONLY	300	U
Cardinal CG	Northfield, MN	2013	CPSC ONLY	150	U
Cardinal IG	Spring Green, WI	1846	COMPOSITE	500	U
Cardinal IG	Greenfield, IA	1843	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2205	CPSC ONLY	200	U
Cardinal IG	Fargo, ND	2286	COMPOSITE	150	U
Coastal Glass Distributors	Charleston, SC	2109	COMPOSITE	285	U
Coraglass, Inc.	Reform, AL	1964	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2342	COMPOSITE	550	U
Efco Corp.	Monett, MO	2143	COMPOSITE	150	U
Glass, Inc.	Englewood, CO	2193	COMPOSITE	250	U
Guardian Inds. Corp.	Kingsburg, CA	1304	ANSI ONLY	125	U
Guardian Inds. Corp.	Richburg, SC	1865	ANSI ONLY	300	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1318	ANSI ONLY	285	U
Kohler Company	Union City, TN	1984	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1701	COMPOSITE	150	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2215	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	935	COMPOSITE	125	U
PDC Glass & Metal Services	Cheswick, PA	1790	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2224	COMPOSITE	275	U
Shaw Glass Co.	S. Easton, MA	1939	COMPOSITE	400	U
Summit Window & Patio Door	Yakima, WA	2171	COMPOSITE	750	U
<i>3/16 Inch Tempered Patterned Glass</i>					
ACI Distribution	Stockton, CA	2613	COMPOSITE	125	U
AFG Coatings	Hampton, IA	2415	COMPOSITE	150	U
American Flat Glass Dist.	Richmond, VA	2523	COMPOSITE	100	U
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	125	U
Cardinal IG	Waxahachie, TX	2399	CPSC ONLY	550	U
Cardinal IG	Tomah, WI	2323	CPSC ONLY	500	U
Consolidated Glass Corp.	New Castle, PA	2354	COMPOSITE	200	U
FTG of NC, LLC	Kernersville, NC	2560	COMPOSITE	300	U
Glass-Tex Industries	Magnolia, TX	2623	ANSI ONLY	550	U
Guardian Fabrication Inc.	Webster, MA	2603	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	2460	ANSI ONLY	550	U
Guardian Inds. Corp.	Dewitt, IA	2668	ANSI ONLY	500	U

January 1, 2003

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Tempered Patterned Glass</i>					
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMPOSITE	200	U
Oldcastle Glass Wausau	Schofield, WI	2659	COMPOSITE	150	U
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMPOSITE	300	U
United Plate Glass Co., Inc.	Butler, PA	2474	COMPOSITE	100	U
<i>7/32 Inch Tempered Patterned Glass</i>					
ACI Distribution	Stockton, CA	2614	COMPOSITE	125	U
<i>7/32 Inch Tempered Patterned Glass</i>					
Oldcastle Glass Los Angeles	Los Angeles, CA	678	COMPOSITE	125	U
<i>1/4 Inch Tempered Patterned Glass</i>					
Coastal Glass Distributors	Charleston, SC	2562	COMPOSITE	285	U
Guardian Inds. Corp.	Kingsburg, CA	1882	ANSI ONLY	125	U
Guardian Inds. Corp.	Richburg, SC	2461	ANSI ONLY	300	U
Oldcastle Glass Wausau	Schofield, WI	2653	COMPOSITE	150	U
Summit Window & Patio Door	Yakima, WA	2172	COMPOSITE	750	U
United Plate Glass Co., Inc.	Butler, PA	2475	COMPOSITE	100	U
<i>3/8 Inch Tempered Patterned Glass</i>					
Coastal Glass Distributors	Charleston, SC	2563	COMPOSITE	285	U
<u>Tempered Bent Patterned Glass</u>					
<i>3/16 Inch Tempered Bent Patterned Glass</i>					
Temperbent Glass, LP	Alsip, IL	1951	COMPOSITE	150	U
<i>1/4 Inch Tempered Bent Patterned Glass</i>					
Temperbent Glass, LP	Alsip, IL	2006	COMPOSITE	150	U
<u>Tempered Bent Glass</u>					
<i>5/32 Inch Tempered Bent Glass</i>					
Sovis North America, Inc.	Thierry, France	1992	COMPOSITE	300	U
Sovis North America, Inc.	Madison, GA	2305	COMPOSITE	300	U
Temperbent Glass, LP	Alsip, IL	1563	COMPOSITE	150	U
Vetzeria Valentini S.R.L.	Brescia, Italy	2424	ANSI ONLY	400	U
<i>3/16 Inch Tempered Bent Glass</i>					
Sovis North America, Inc.	Madison, GA	2306	COMPOSITE	300	U
Sovis North America, Inc.	Thierry, France	1938	COMPOSITE	300	U
Temperbent Glass, LP	Alsip, IL	1564	COMPOSITE	150	U
<i>1/4 Inch Tempered Bent Glass</i>					
Bendheim Wall Systems, Inc.	Wunsiedel-Holenbrunn, German	2570	COMPOSITE	275	20x76"
Oldcastle Glass Bensenville	Bensenville, IL	2308	COMPOSITE	200	U
Sovis North America, Inc.	Thierry, France	1864	COMPOSITE	300	U
Sovis North America, Inc.	Madison, GA	2307	COMPOSITE	300	U
Temperbent Glass, LP	Alsip, IL	1565	COMPOSITE	150	U
<i>9/32 Inch Tempered Bent Glass</i>					
Bendheim Wall Systems, Inc.	Wunsiedel-Holenbrunn, German	2569	COMPOSITE	275	13x76"
<i>3/8 Inch Tempered Bent Glass</i>					
Oldcastle Glass Bensenville	Bensenville, IL	1536	COMPOSITE	200	U
<i>1/2 Inch Tempered Bent Glass</i>					
Oldcastle Glass Bensenville	Bensenville, IL	2053	COMPOSITE	200	U
<u>Safety Plastic Sheet</u>					

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>.08-.125 Inch Safety Plastic Sheet</i>					
Flex-O-Glass, Inc.	Dixon, IL	118	ANSI ONLY	285	U
<u>Organic Coated Glass Hybrid</u>					
<i>3/32 Inch Organic Coated Glass Hybrid</i>					
Cardinal LG	Amery, WI	2301	COMPOSITE	150	U
<i>1/4 Inch Organic Coated Glass Hybrid</i>					
Cardinal LG	Amery, WI	2300	COMPOSITE	150	U
<u>Laminated Transparent Glass</u>					
<i>1/8 Inch Laminated Transparent Glass</i>					
Guardian Inds. Corp.	Lewistown, PA	2502	ANSI ONLY	100	U
<i>5/32 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2166	COMPOSITE	150	U
Guardian Inds. Corp.	Lewistown, PA	1886	ANSI ONLY	100	U
<i>3/16 Inch Laminated Transparent Glass</i>					
Viracon, Inc.	Owatonna, MN	1637	COMPOSITE	150	U
<i>7/32 Inch Laminated Transparent Glass</i>					
Guardian Inds. Corp.	Lewistown, PA	1282	ANSI ONLY	100	U
Mirror Factory	Plymouth, MN	1915	COMPOSITE	150	U
<i>1/4 Inch Laminated Transparent Glass</i>					
Arch Aluminum & Glass Co.	Waukesha, WI	2493	COMPOSITE	200	U
Arch Ohio, Inc.	Columbus, OH	2511	COMPOSITE	200	U
Architectural Safety Glass	Ft. Pierce, FL	1914	COMPOSITE	400	U
Cardinal LG	Amery, WI	2167	COMPOSITE	150	U
Guardian Inds. Corp.	Lewistown, PA	1946	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	2324	COMPOSITE	100	U
Oldcastle Glass Telford	Telford, PA	1652	COMPOSITE	100	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2037	COMPOSITE	100	U
Viracon, Inc.	Statesboro, GA	2364	COMPOSITE	100	U
<i>9/32 Inch Laminated Transparent Glass</i>					
Coastal Glass Distributors	Charleston, SC	2528	COMPOSITE	285	U
<i>5/16 Inch Laminated Transparent Glass</i>					
Galaxy Glass Corp., Inc.	Fairfield, NJ	2419	COMPOSITE	100	U
Interpane Glass Company	Clinton, NC	2325	COMPOSITE	100	U
PGT Industries	Nokomis, FL	2426	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2625	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2601	COMPOSITE	285	U
<i>5/16 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2463	COMPOSITE	150	U
<i>3/8 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2462	COMPOSITE	150	U
Guardian Inds. Corp.	Lewistown, PA	1947	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	2326	COMPOSITE	100	U
PGT Industries	Nokomis, FL	2429	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2626	COMPOSITE	285	U
<i>7/16 Inch Laminated Transparent Glass</i>					
Tecnoglass S.A.	Barranquilla, Colombia	2465	COMPOSITE	285	U

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Certified Products-By Product Type

				<u>SGCC #</u>	<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/2 Inch Laminated Transparent Glass</i>						
Arch Ohio, Inc.	Columbus, OH	2175	COMPOSITE	200	U	
Cardinal LG	Amery, WI	2464	COMPOSITE	150	U	
Coastal Glass Distributors	Charleston, SC	2527	COMPOSITE	285	U	
Guardian Inds. Corp.	Lewistown, PA	1316	ANSI ONLY	100	U	
Interpane Glass Company	Clinton, NC	2290	COMPOSITE	100	U	
PGT Industries	Nokomis, FL	2428	COMPOSITE	285	U	
Tecnoglass S.A.	Barranquilla, Colombia	2627	COMPOSITE	285	U	
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2520	ANSI ONLY	285	U	
<u>Laminated Specialty Product</u>						
<i>1/4 Inch Laminated Specialty Product</i>						
Arch Ohio, Inc.	Columbus, OH	2600	COMPOSITE	200	U	
Cardinal LG	Amery, WI	2564	COMPOSITE	150	U	
<i>5/16 Inch Laminated Specialty Product</i>						
Cardinal LG	Amery, WI	2565	COMPOSITE	150	U	
<u>Laminated Patterned Glass</u>						
<i>5/16 Inch Laminated Patterned Glass</i>						
Cardinal LG	Amery, WI	2240	COMPOSITE	150	U	

Licensees and Their Typical Labels

ACI Distribution
12900 Nicholson Rd.
PO Box 815547
Dallas, TX 75381-5547



TEMPERED SAFETY GLASS
16CFR1201 CII
ANSI Z97.1-1984 3/16"U
SGCC 400

AFG Inds., Inc.-TN
1400 Lincoln St.
PO Box 929
Kingsport, TN 37662

TEMPERED
16 CFR 1201-11
ANSI Z97.1 1984
1/8U SGCC-1390
AFG 006
BS 6206A

AFGD, Div. of AFG Inds., Ltd.
75 Doney Crescent
Concord, ON L4K 1P6

TEMPERED/TREMPE
ANSI Z97.1-84
16 CFR 1201 II
SGCC 1486 5/32 U
CAN/CGSB 12.1 9C
BS 6206 1981A

All Team Glass & Mirror, Ltd.
281 Hanlan Rd.
Woodbridge, ON L4L 3R7

All Team
ANSI Z87.1-1984
16 CFR 1201 CII
SGCC 1755 3/16
CAN2-12.1-M78

American Flat Glass Dist.
1201 Highway 67E
Alvarado, TX 76009

AFGD
ANSI Z97.1-1984
16 CFR 1201-CII
SGCC 1748 1/8"U

Anthony International
12812 Arroyo Street
San Fernando, CA 91342

**TEMPERED
SAFETY GLASS**

ANTHONY®

USA
ANSI Z97.1 1984
SGCC 520 1/8U

Arch Ohio, Inc.
195 Phillipi Rd.
Columbus, OH 43228

AGI/Sumiglass
Laminated Safety Glass
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC 2174 1/4 U

Architectural Safety Glass
7339 Commercial Circle
Ft. Pierce, FL 34951

A.S.G.
Safely-Lami
ANSI Z97.1-1984
16CFR 1201-11
SGCC 1914-1/4 U

Bronco Industries, Inc.
7988 82nd Street
Delta, BC V4G 1L8

BRONCO TEMP
ANSI Z97.1 1984
SGCC 2245 (0.001)

Cardinal IG
Iowa 25 N.
PO Box 99
Greenfield, IA 50849

CIG #2 TEMPERED
16CFR 1201 II
SGCC-1820 5/32U

Coastal Glass Distributors
7421 E. Spartan Blvd
PO Box 41087
Charleston, SC 29423

**Coastal
Glass
Distributors**
TEMPERED GLASS
ANSI Z97.1-1984
16 CFR 1201 II
SGCC-2108 5/32U

Colonial Mirror & Glass Corp.
35 Kent Ave.
Brooklyn, NY 11211

colonial GLASS STEEL
TEMPERED SAFETY GLASS
SGCC 2238 3/4 U
ANSI Z97.1-1984
16 CFR 1201-1,II

Licensees and Their Typical Labels

Commercial Insulating Glass Co.
1155 Porter Rd.
Sarasota, FL 34240

CIG
TEMPERED
ANSI Z97.1-1984
16 CFR 1201-II
SGCC 1890/1894 3/16L

Consolidated Glass Corp.
1150 N. Cedar St.
New Castle, PA 16103

DIAMOND TEMPERED GLASS


16 CFR 1201-11
ANSI Z97.1-1984
SGCC 2005 3/16U

Coraglass, Inc.
Hwy 17 South
Reform, AL 35481

CoraGlass
TEMPERED
16 CFR-1201-CII
ANSI Z97.1-1984
SGCC 1910 3/16U

Craftsman Tempered Glass
Div. of Glass Wholesalers
4822 Southerland
Houston, TX 77092


ANSI Z97.1-1984
16 CFR1201 II SGCC-2337 1/4U

Flex-O-Glass, Inc.
4647 W. Augusta Blvd.
Chicago, IL 60651


FLEX-O-GLAZE™
ACRYLIC SAFETY GLAZING
ANSI Z97.1-1984
SGCC-118

Floral Glass & Mirror
PO Box 18039
895 Motor Pkwy
Hauppauge, NY 11788-8839

TemPLUS
FLORAL GLASS & MIRROR
TEMPERED SAFETY GLASS
ANSI Z97.1 1984
16 CFR 1201-I-II
SGCC-1553 7/32 U

Gemtron-Sweetwater
615 Hwy. 68
Sweetwater, TN 37874

TEMPERED
16CFR 1201 C11
ANSI Z97-1-1984
1/8 U - SGCC-1334
GEMTRON 199 1996

Glass, Inc.
4005 S. Clay St.
Englewood, CO 80110


TEMPERED SAFETY
ANSI Z97.1 -1984 SGCC 2185
16 CFR 1201 II 1/4 U TTG

Guardian Fabrication Inc.
1412 S. First St.
Rogers, AR 72756

ROGERS, AR.
TEMPERED
ANSI Z97.1-1984
SGCC 1818 5/32U
.....
16 CFR 1201 II

Guardian Inds. Corp.
S. Hwy 9, Carolina Dist. Pk.
Richburg, SC 29729


 **GUARDIAN**
RICHBURG, SC
SAFETY TEMPERED
ANSI Z97.1-1984
SGCC 1630 1/8U

16 CFR 1201- II

Mid Ohio Tempering
5150 Walcutt Court
Columbus, OH 43228



ANSI Z97.1 1984
16 CFR 1201 II
SGCC-2159 12

Milgard Tempering, Inc.
910 54th Ave. E.
PO Box 11368
Tacoma, WA 98411-0368


TEMPERED SAFETY
ANSI Z97.1 1984
16 CFR 1201 CII
SGCC 1878 1/4U

Licenses and Their Typical Labels

Nashville Tempered Glass Corp.
1860 Air Lane Dr.
Nashville, TN 37210


NtGc 
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC 1416 1/8" U
DOT 350 AS 2

Shaw Glass Co.
55 Bristol Dr.
S. Easton, MA 02375


SOLAR TEMP.
16 CFR 1201 11

ANSI Z 97.1-1984
1/4 U SGCC 1035

Traco (Three Rivers Alum)
71 Progress Ave.
Cranberry Township, PA 16066


TRACO VIEW-SAFE
TEMPERED GLASS
ANSI Z97.1-1984
16 CFR 1201 II
SGCC-1035 1/2U

Oldcastle Glass Perrysburg
291 "M" Street, Ampoint Industrial Park
Perrysburg, OH 43551

 **TEMPGLASS**
81 82
TEMPERED 1/2" U
ANSI Z97.1-1984
16 CFR 1201 I, II
SGCC 595
●●●●●●●●●●●●●●●●


Sovis North America, Inc.
1101 Sovis Road
Madison, GA 30650

SOVIS SECURIT
TEMPERED GLASS
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC 2306 3/16"U

Virginia Glass Products Corp.
PO Box 5431
Martinsville, VA 24115


ANSI Z97.1-1984
SGCC-14
16 CFR 1201-II
1/4-II
TEMPERED
PRODUCTS


PPG Inds., Inc.
3700 Division St.
Burlington, IA 52601

 **MERCULITE K**
TEMPERED SAFETY GLASS
16CFR1201 CII
.....
ANSI Z-97.1-1984 1/4U
SGCC-382 0022586

Specialty Building Products
400 Ewen Ave.
New Westminster, BC V3M 5B2

SBP 1198
ANSI Z97.1-1984
SGCC 2121-3-L

Westshore Glass
5300 W. Knox St.
PO Box 15216
Tampa, FL 33684-5216


ANSI Z97.1-1984
16 CFR 1201 CII
WGC TEMPERED
SGCC 1973 1/4U

Prelco, Inc.
94 Boulevard Cartier
Riviere-du-Loup, QC G5R 2M9


ANSI Z97.1-1984
16 CFR 1201 11
SGCC-2035 1/8 U
PREL-GARD

Swift Glass Co., Inc.
131 W. 22nd St.
Elmira Heights, NY 14903

SWIFT GLASS CO.
SAFETY TEMPERED
ANSI Z97.1-1984
16 CFR 1201 II
SGCC 1558 3/8U

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IN THE ANSI AND CPSC CERTIFICATION PROGRAMS**

150 Architectural Testing, Inc. 849 Western Avenue North St. Paul, MN 55117-5345 Attn: Mr. Dan Johnson Phone: (651) 636-3835 Fax: (651) 636-3843 E-mail: www.archtest.com	300 Intertek Testing Services NA, Inc. 1950 Evergreen Blvd., Ste. 100 Duluth, GA 30096 Attn: Mr. William Penuel Phone: (678) 775-2400 Fax: (678) 775-2401
100 Architectural Testing, Inc. 130 Derry Court York, PA 17402-9405 Attn: Mr. Craig Wagner Phone: (717) 764-7700 Fax: (717) 764-4129	400 Intertek Testing Services NA, Inc. 75 Clinton Avenue Cortland, NY 13045-0950 Attn: Mr. Bob O'Gorman Phone: (607) 753-6711 Fax: (607) 756-9894
125 Architectural Testing, Inc. 2524 East Jensen Avenue Fresno, CA 93706 Attn: Mr. Leaton Kirk Phone: (559) 233-8705 Fax: (559) 233-8360	975 Intertek Testing Services NA, Inc. 8431 Murphy Drive Middleton, WI 53562 Attn: Mr. Jim Turgeson Phone: (608) 836-4400 Fax: (608) 831-9279
200 Bowser-Morner, Inc. 4518 Taylorsville Road Dayton, OH 45424 Attn: Mr. Jim Duncan Phone: (937) 236-8805 Fax: (937) 237-9947	750 Performance Testing, Inc. 14523 169 th Dr SE, Ste. 799 Monroe, WA 98272 Attn: Mr. John DeRose Phone: (360) 805-5171 Fax: (360) 805-5263
250 Construction Consulting Laboratory West 4751 W. State Street, Suite B Ontario, CA 91762 Attn: Mr. Jack Jackson Phone: (909) 591-1789 Fax: (909) 627-9020 E-Mail: www.cclwest.com	900 Rone Engineers, Inc. 8908 Ambassador Row Dallas, TX 75247 Attn: Mr. Jack Gary Phone: (214) 630-9745 Fax: (214) 630-9819
275 ETC Laboratories 297 Buell Road Rochester, NY 14624 Attn: Mr. David Kehrli Phone: (585) 328-7668 Fax: (585) 328-7777 E-Mail: dave@etclabs.com	500 STORK-Patzig Testing Laboratories 3922 Delaware Avenue Des Moines, IA 50313 Attn: Mr. Timothy Cox Phone: (515) 266-5101 Fax: (515) 262-1910
285 Fenestration Testing Laboratory, Inc. 1677 West 31 st Place Hialeah, FL 33012 Attn: Mr. Roberto Robleto Phone: (305) 819-7877 Fax: (305) 819-7998	550 STORK-Southwestern Laboratories 222 Cavalcade Street Houston, TX 77009-3212 Attn: Mr. Jeff Windschitl Phone: (713) 692-9151 Fax: (713) 696-6205
800 Gulf Coast Laboratory Services 15926 Cypress N. Houston Cypress, TX 77429 Attn: Mr. Mark Hendricks Phone: (281) 373-4257 Fax: (281) 373-9772	NOTE: The ID of the laboratory used for testing of each Product is provided in the Certified Products-By Product Type section of this directory.



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