



safety glazing certification council

January 1, 2005

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

January 1, 2005

Safety Glazing Certification Council

Certified Products Directory (CPD)

Certification Program for 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"

Copies of ANSI Z97.1-1984 may be obtained by calling (212) 642-4900 or by writing:

American National Standards Institute
11 W 42nd St., #13th Fl
New York, NY 10036-8002

~ ~ ~

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

Copies of 16 CFR 1201 may be obtained by calling (202) 512-1800 or by writing:

Superintendent of Documents
PO Box 371954
Pittsburg, PA 15250-7954

~ ~ ~

Additional copies of this publication may be obtained by contacting the SGCC® office.

PO Box 9
Henderson Harbor, NY 13651
Phone: (315) 646-2234 Fax (315) 646-2297

Visit our website @ sgcc.org

SGCC® information and guidelines are included in the twice per year printing of the certified products directory, or are available from SGCC® upon request. Re-printing of this information in any other manual, material or document without the written permission of SGCC® is in conflict with the desire of SGCC®, and should not be interpreted as being endorsed by or affiliated with SGCC®.

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~ 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:

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January 1, 2005

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Mr. Norman Nitschke

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January 1, 2005

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	Joe Jonely		
Anthony International	Dennis Kato	Mark Sandnes	
Arch Aluminum & Glass Co.	Cliff Monroe	Leon Silverstein	Bob Martin
Arch Ohio, Inc.	Mike Blankenship		
Architectural Safety Glass	George Sutorka		
Bendheim Wall Systems	Robert Jayson		
Berkowitz, J.E.	Jim Stinsman		
Binswanger Mirror	Benny Walker		
Bronco Industries, Inc.	Lam Bronson		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Robert Spindler	Oak Moser	
Cat i Manufacturing, Inc.	Chris Alder		
Changshu Da-Yang Special Glass	Keith Collinson		
Changshu Hard Glass Co., Ltd.	Zinger Yu		
Changshu Zhongcheng Bldg. Mat. Co.	Denise Lu		
Cheil Glass Industrial Co., Inc.	Yong Kwang Jung		
China Glass	Fanny Gallo		
Coastal Glass Distributors	Chuck Hammer		
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	Bob Larson		
Desert Glass Products	Jerome Ellis		
Dong Sung Glass Co., Ltd.	Sang Kuy Lee		
Dong Sung Korea, Co., Ltd.	Mike Cho		
Dongli Tempered Glass Co., Ltd.	Li JianGuo		
Downey Glass Industries, LLC	Hugh Higgins		
Eckelt Glas GmbH	Christian Eckelt		
Edge Seal Technologies	Mark Hutchinson		
Efco Corp.	Dwayne Jones		
Engineered Glass Products, L.L.C.	Goran Radojevich		
Flex-O-Glass, Inc.	Harold G. Warp	Alfred R. Hunsicker	
FLT Glass	Dan Haney		
FTG of NC, LLC	John Joynt		
Galaxy Glass Corp., Inc.	Eugene Negrin	John O'Keefe	
Gemtron-Sweetwater	Robert A. Moss	Jack Francis	Freida Barr
GGI Glass Distributors Corp.	Bud Hudgins	David S. Balik	
Glass Dynamics, Inc.	Conrad Lankford		
Glass Innovations LLC	Robert Schwartz		
Glass South Africa, LTD, Parow	Stephen Simons		
Glass, Inc.	Mickey Wilkinson		
Glass-Tex Industries	Shirley Taton		
Goldray Industries Ltd.	Lee Mulligan		
Guardian Glass of Rogers Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Industries Canada Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Industries Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Haida Safety Glass Ltd.	Don Mitnick		
Jiangyin Jingcheng High Quality Glass	Robert Deeb		
Kohler Company	Fred Bruce		
Laurier Glass Ltd.	Caroline Mercier		
Mid Ohio Tempering	Jack Deyo	Tim Moore	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Milgard Tempering, Inc.	Jeff Tregoning	Mike Campbell	
Mirror Factory	Marlan Carlson	Tom Carlson	Lance Smith
Multiver	Luc Rheaume		
Nashville Tempered Glass Corp.	Kevin Moore		
Oldcastle Glass	Richard Wright		
Patio Enclosures, Inc.	Jack Garforth	Craig Cox	
PDC Glass & Metal Services	Tim Moore	Mark Francart	Jim Masterman
PGT Industries	Rupam Modi		
PPG Inds., Inc.	Charles Richeson	Mike Bitterice	Bob Fiedor
Prelco, Inc.	Stephane Mercier		
PT Surya Adhitia Fortuna Glass	Robert Deeb		
Qinhuangdao Topgem Glass Co., Ltd.	Charlie Cao		
Republic Windows & Doors, Inc.	Arnold Jagiello	Tim Widner	Brian Locke
Saint-Gobain Glass Mexico S.A. de C.V.	J. Martin Vega Quiriarte		
Shanghai Yaohua Pilkington Glass Co.	Sun Dahai		
Shaw Glass Co.	Frederic P. Shaw	Troy Johnson	Bill Connell
SIGCO, Inc.	David A. McElhinny		
Simonton Windows	Chuck Anderson		
Societe Verriere De L'Atlantique	Mark Durfield		
Sovis North America, Inc.	Mark A. Durfield	Luc-Michel Riblier	
Specialty Building Products	Tom Woods		
Spec-Temp, Inc.	Tim Peffley		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Company	John Dwyer		
Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.	Christian Daes		
TemperBent Glass, LP	Donald Sokol	Richard Paschel	Kevin Miccichi
Tempered Glass, Inc.	Douglas Sampsel	Joel Wrenn	Tim Moore
Traco (Three Rivers Alum)	William R. Deuschle	Brad Fello	
Triple Seal Ltd.	David Underhill		
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass (Xiamen) Co., Ltd.	Chris Snyder		
Vetreria Valentini S.R.L.	Claudio Valentini		
Vidrieria Argentina, S.A.	Ernesto Giraldi		
Vidrios Lirquen S.A.	Alejandro Flores		
Viracon, Inc.	Lyle Krohnberg	Peter Anderson	Roger Skluzacek
Virginia Glass Products Corp.	Benjamin Beeler	W. Chris Beeler	
Vitemco S.A. - Glasswall, Inc.	Luis Russi		
Westshore Glass	Bill Bellis	Todd Elozory	Tucker Kruse

Certification Committee Chairman - Mark Cody

Member by virtue of being a Public Interest Participant

Public Interest	William Nugent
Public Interest	Elaine Rodman
Public Interest	Donald Vild
Public Interest	June Willcott
Public Interest	Norman Nitschke
Public Interest	Peter Weismantle

~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 ensure 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; and 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 ensure 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 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 Systems (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 six months of completion of item (b). Failure to do so will result in the need to resubmit item (b). (Revised 10/22/93)
- d) The applicant sends to SGCC® a Certificate of Insurance naming SGCC as an additional insured party on a products liability insurance policy.

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.

QUALITY ASSURANCE PROGRAM

SGCC® requires licensees to have a working quality assurance program for the fabrication of safety glazing. Compliance to quality assurance requirements will be validated at the first plant inspection after products are certified. SGCC® does not define the type or details of a program; simply that one must be in place. Adherence is verified during twice per year plant visits. These requirements were adopted to improve the overall quality of safety glazing products in the program. A licensee's quality assurance program, as a minimum, must have the following elements:

- a) a Quality Manual,
- b) a designated point of contact,
- c) written procedures, and
- d) regular production product testing.

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 six-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 three months of the initial six-month period will require a selection in the first three months of the following six-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; and
- 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 and/or 16 CFR 1201 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 4/19/04)

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 lite 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.1 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.

- 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

a) (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.

b) (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 six 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 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 three 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 ensure 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 one decimal place, and will have the suffix "mm." (Revised 4/19/04)

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 12 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 inch 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 two 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 two 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 be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/01)
- 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 inches 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 Z97.1-1966, 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 (Deleted 10/05/04)

G.31 (Deleted 10/05/04)

G.32 (CPSC ONLY)

When testing to Category II requirements, the Administrator shall select specimens greater than nine 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 owners.

The Administrator shall arrange for the next routine sampling to take place within six 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 material 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 tests 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 and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. 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. Although SGCC certification of patterned glass is by pattern depth classification and per maximum thickness, it should be recognized that not all patterns for a given thickness may be tempered the same. SGCC certification should not be viewed as a replacement for a thorough understanding of the tempering process, nor a comprehensive in-plant testing program. (Revised 10/05/04)

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

<u>Patterned Depth Class</u>	<u>Ratio</u>
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 (Deleted 10/05/04)**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 thicknesses 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 five percent.

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

Indoor use plastic materials plus or minus five percent 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 inch 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 inch 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 caming center dimensions shall be plus or minus 12 percent.

Prototype samples must have diagonal caming 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.

~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 1/8 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.

Pursuant 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	
(221) Gluechip Pattern						

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	(217) Privata		

1/8 inch deep

(10) Autumn	(212) Niagara	(215) Floralite	(219) Radiance
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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) Mistrion 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	(211) Niagara

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) Factorlite
(138) Satinlite	(139) Pluralite	(140) Flax	(141) Skytex	(142) Chinchilla	(149) Solatex I	(152) Solatex II
(159) Model 10	(171) Crepe	(172) Pebble	(220) Gluechip Pattern			

3/16 inch medium

(58) Pattern 76	(143) Seashell	(144) Syenite	(145) Flemish	(176) Rain	(210) Niagara	(213) Smooth Rough
(214) Floralite	(216) Privata	(218) Radiance				

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) Factorlite	(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) Factorlite	(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	(209) Niagara
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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	(208) Niagara
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1/4 inch deep

(222) Glacier	(223) Pyramid
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3/8 inch shallow

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

January 1, 2005
Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12	Virginia Glass Products Corp.	1035	Shaw Glass Co.	1422	Gemtron-Sweetwater
14	Virginia Glass Products Corp.	1036	Shaw Glass Co.	1424	Gemtron-Sweetwater
24	AFG Inds., Inc.-TN	1037	Shaw Glass Co.	1428	American Flat Glass Dist.
28	AFG Inds., Inc.-TN	1107	ACI Distribution	1453	AFGD
40	Guardian Industries Corp.	1108	ACI Distribution	1454	AFGD
64	PPG Inds., Inc.	1110	PPG Inds., Inc.	1455	AFGD
89	AFG Inds., Inc.-TN	1111	PPG Inds., Inc.	1456	AFGD
90	AFG Inds., Inc.-TN	1112	PPG Inds., Inc.	1457	AFGD
93	Virginia Glass Products Corp.	1113	PPG Inds., Inc.	1462	Guardian Industries Canada Corp
94	Virginia Glass Products Corp.	1139	AFG Inds., Inc.-TN	1467	Nashville Tempered Glass Corp.
95	Virginia Glass Products Corp.	1157	ACI Distribution	1477	Gemtron-Sweetwater
131	Guardian Industries Corp.	1161	Guardian Industries Corp.	1485	AFGD, Div. of AFG Inds., Ltd.
220	AFG Inds., Inc.-TN	1179	ACI Distribution	1486	AFGD, Div. of AFG Inds., Ltd.
249	PPG Inds., Inc.	1201	Gemtron-Sweetwater	1489	AFGD, Div. of AFG Inds., Ltd.
250	PPG Inds., Inc.	1216	Guardian Fabrication Inc.	1496	ACI Distribution
295	PPG Inds., Inc.	1225	ACI Distribution	1497	ACI Distribution
300	Guardian Fabrication Inc.	1230	American Flat Glass Dist.	1498	ACI Distribution
382	PPG Inds., Inc.	1231	American Flat Glass Dist.	1508	Viracon, Inc.
400	ACI Distribution	1232	American Flat Glass Dist.	1509	Viracon, Inc.
402	ACI Distribution	1235	Guardian Fabrication Inc.	1518	AFGD Glass
471	Guardian Fabrication Inc.	1248	Guardian Industries Corp.	1519	AFGD Glass
514	Oldcastle Glass Los Angeles	1249	Guardian Industries Corp.	1520	AFGD Glass
515	Oldcastle Glass Los Angeles	1250	Guardian Industries Corp.	1521	AFGD Glass
516	Oldcastle Glass Los Angeles	1251	Guardian Industries Corp.	1522	AFGD Glass
520	Anthony International	1253	Guardian Industries Corp.	1523	AFGD Glass
587	AFG Inds., Inc.-TN	1301	Guardian Industries Corp.	1535	ACI Distribution
598	AFG Inds., Inc.-TN	1303	Guardian Industries Corp.	1536	Oldcastle Glass Bensenville
630	Oldcastle Glass Los Angeles	1304	Guardian Industries Corp.	1546	Oldcastle Glass New York
631	Guardian Industries Corp.	1308	Traco (Three Rivers Alum)	1547	Oldcastle Glass New York
633	Guardian Industries Corp.	1310	Traco (Three Rivers Alum)	1548	Oldcastle Glass New York
640	ACI Distribution	1311	Traco (Three Rivers Alum)	1549	Oldcastle Glass New York
662	Guardian Fabrication Inc.	1318	Guardian Industries Corp.	1550	Oldcastle Glass New York
675	PPG Inds., Inc.	1332	Gemtron-Sweetwater	1551	Oldcastle Glass New York
676	PPG Inds., Inc.	1334	Gemtron-Sweetwater	1555	Swift Glass Co., Inc.
678	Oldcastle Glass Los Angeles	1355	Guardian Glass of Rogers Corp.	1556	Swift Glass Co., Inc.
862	Tempered Glass, Inc.	1356	Guardian Glass of Rogers Corp.	1557	Swift Glass Co., Inc.
863	Tempered Glass, Inc.	1357	Guardian Glass of Rogers Corp.	1558	Swift Glass Co., Inc.
865	Tempered Glass, Inc.	1358	Guardian Glass of Rogers Corp.	1559	Swift Glass Co., Inc.
866	Tempered Glass, Inc.	1359	Guardian Glass of Rogers Corp.	1563	TemperBent Glass, LP
933	Guardian Industries Corp.	1382	Oldcastle Glass Bensenville	1564	TemperBent Glass, LP
934	Guardian Industries Corp.	1383	Oldcastle Glass Bensenville	1565	TemperBent Glass, LP
935	Oldcastle Glass Los Angeles	1384	Oldcastle Glass Bensenville	1575	Guardian Fabrication Inc.
949	AFG Inds., Inc.-TN	1390	AFG Inds., Inc.-TN	1576	Guardian Fabrication Inc.
955	AFG Inds., Inc.-TN	1403	Viracon, Inc.	1577	Guardian Fabrication Inc.
968	Guardian Industries Corp.	1404	Viracon, Inc.	1578	Milgard Tempering, Inc.
969	Guardian Industries Corp.	1405	American Flat Glass Dist.	1603	PPG Inds., Inc.
970	Guardian Industries Corp.	1406	American Flat Glass Dist.	1604	PPG Inds., Inc.
971	Guardian Industries Corp.	1414	AFG Inds., Inc.-TN	1605	PPG Inds., Inc.
999	Anthony International	1416	Nashville Tempered Glass Corp.	1606	PPG Inds., Inc.
1000	Anthony International	1417	Nashville Tempered Glass Corp.	1607	Guardian Fabrication Inc.

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1608	Oldcastle Glass Los Angeles	1804	Cardinal TG	1939	Shaw Glass Co.
1609	Oldcastle Glass Los Angeles	1805	Cardinal TG	1945	AFGD, Div. of AFG Inds., Ltd.
1611	Oldcastle Glass Los Angeles	1806	Cardinal TG	1957	American Flat Glass Dist.
1616	Guardian Glass of Rogers Corp.	1807	Cardinal TG	1958	American Flat Glass Dist.
1617	AFGD	1826	Guardian Industries Corp.	1959	American Flat Glass Dist.
1618	AFGD	1827	Cardinal IG	1964	Coraglass, Inc.
1630	Guardian Industries Corp.	1828	Cardinal IG	1967	American Flat Glass Dist.
1631	Guardian Industries Corp.	1829	Cardinal IG	1971	Westshore Glass
1632	Guardian Industries Corp.	1830	Cardinal IG	1972	Westshore Glass
1633	Guardian Industries Corp.	1831	Cardinal IG	1973	Westshore Glass
1634	Guardian Industries Corp.	1832	Cardinal IG	1974	Westshore Glass
1635	Guardian Industries Corp.	1833	Cardinal IG	1978	Westshore Glass
1637	Viracon, Inc.	1834	Cardinal IG	1979	Kohler Company
1641	AFG Inds., Inc.-CA	1841	Cardinal IG	1980	Kohler Company
1642	ACI Distribution	1842	Cardinal IG	1981	Kohler Company
1643	ACI Distribution	1843	Cardinal IG	1982	Kohler Company
1644	ACI Distribution	1844	Cardinal IG	1983	Kohler Company
1645	ACI Distribution	1845	Cardinal IG	1984	Kohler Company
1652	Oldcastle Glass Telford	1846	Cardinal IG	1985	Cardinal CG
1663	AFG Inds., Inc.-CA	1847	Colonial Mirror & Glass Corp.	1986	Cardinal CG
1664	AFG Inds., Inc.-CA	1848	Colonial Mirror & Glass Corp.	1987	Cardinal CG
1665	Guardian Industries Corp.	1861	ACI Distribution	1988	Cardinal CG
1676	Contour Industries, Inc.	1864	Sovis North America, Inc.	1990	Berkowitz, J.E.
1677	Contour Industries, Inc.	1865	Guardian Industries Corp.	1991	Berkowitz, J.E.
1678	Contour Industries, Inc.	1870	AFGD	1992	Sovis North America, Inc.
1680	Contour Industries, Inc.	1871	Shaw Glass Co.	1993	Tecnoglass S.A.
1683	Guardian Industries Corp.	1872	AFGD, Div. of AFG Inds., Ltd.	1994	Tecnoglass S.A.
1702	AFG Inds., Inc.-KS	1873	AFGD, Div. of AFG Inds., Ltd.	1995	Tecnoglass S.A.
1703	AFG Inds., Inc.-KS	1874	AFGD, Div. of AFG Inds., Ltd.	1996	Oldcastle Glass Montreal
1704	AFG Inds., Inc.-KS	1875	AFGD, Div. of AFG Inds., Ltd.	1997	Oldcastle Glass Montreal
1705	AFG Inds., Inc.-KS	1879	Oldcastle Glass Telford	1998	Consolidated Glass Corp.
1708	American Flat Glass Dist.	1880	Oldcastle Glass Telford	1999	Consolidated Glass Corp.
1710	American Flat Glass Dist.	1881	Oldcastle Glass Telford	2002	Consolidated Glass Corp.
1711	American Flat Glass Dist.	1882	Guardian Industries Corp.	2003	Consolidated Glass Corp.
1712	American Flat Glass Dist.	1889	Commercial Insulating Glass Co.	2004	Consolidated Glass Corp.
1714	American Flat Glass Dist.	1890	Commercial Insulating Glass Co.	2005	Consolidated Glass Corp.
1728	ACI Distribution	1891	Commercial Insulating Glass Co.	2007	Cardinal CG
1754	All Team Glass & Mirror, Ltd.	1901	Efco Corp.	2008	Cardinal CG
1755	All Team Glass & Mirror, Ltd.	1902	Efco Corp.	2009	Cardinal CG
1756	All Team Glass & Mirror, Ltd.	1910	Coraglass, Inc.	2010	Cardinal CG
1757	All Team Glass & Mirror, Ltd.	1911	Coraglass, Inc.	2011	Cardinal CG
1758	All Team Glass & Mirror, Ltd.	1914	Architectural Safety Glass	2012	Cardinal CG
1784	PDC Glass & Metal Services	1915	Mirror Factory	2013	Cardinal CG
1785	PDC Glass & Metal Services	1919	ACI Distribution	2014	Oldcastle Glass Telford
1786	PDC Glass & Metal Services	1921	Cardinal CG	2015	Prelco, Inc.
1787	PDC Glass & Metal Services	1922	Cardinal CG	2020	Guardian Industries Corp.
1788	PDC Glass & Metal Services	1923	Cardinal CG	2021	Guardian Industries Corp.
1789	PDC Glass & Metal Services	1924	Cardinal CG	2022	Guardian Industries Corp.
1790	PDC Glass & Metal Services	1925	AFG Inds., Inc.-CA	2023	Guardian Industries Corp.
1803	Guardian Industries Corp.	1929	Colonial Mirror & Glass Corp.	2024	Guardian Industries Corp.

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2032	Cameron Glass, Inc.	2166	Cardinal LG	2240	Cardinal LG
2033	Cameron Glass, Inc.	2167	Cardinal LG	2242	Bronco Industries, Inc.
2034	Prelco, Inc.	2175	Arch Ohio, Inc.	2243	Bronco Industries, Inc.
2035	Prelco, Inc.	2176	Cardinal IG	2244	Bronco Industries, Inc.
2037	Prelco, Inc.	2177	Cardinal IG	2245	Bronco Industries, Inc.
2048	Prelco, Inc.	2178	Cardinal IG	2246	Bronco Industries, Inc.
2050	Edge Seal Technologies	2179	Cardinal IG	2247	Bronco Industries, Inc.
2051	Edge Seal Technologies	2182	Virginia Glass Products Corp.	2248	Sovis North America, Inc.
2052	Edge Seal Technologies	2185	Glass, Inc.	2249	AFG Inds., Inc.-TN
2053	Oldcastle Glass Bensenville	2186	Glass, Inc.	2259	Guardian Industries Corp.
2054	American Flat Glass Dist.	2187	Glass, Inc.	2260	Guardian Industries Corp.
2055	Edge Seal Technologies	2188	Glass, Inc.	2261	Guardian Industries Corp.
2056	Patio Enclosures, Inc.	2189	Glass, Inc.	2262	Guardian Industries Corp.
2057	Patio Enclosures, Inc.	2190	Glass, Inc.	2265	Saint-Gobain Glass Mexico S.A. d
2058	Patio Enclosures, Inc.	2193	Glass, Inc.	2267	Saint-Gobain Glass Mexico S.A. d
2059	Patio Enclosures, Inc.	2196	American Flat Glass Dist.	2268	Saint-Gobain Glass Mexico S.A. d
2060	Consolidated Glass Corp.	2197	American Flat Glass Dist.	2269	Saint-Gobain Glass Mexico S.A. d
2062	Oldcastle Glass Montreal	2198	American Flat Glass Dist.	2274	Republic Windows & Doors, Inc.
2063	Oldcastle Glass Montreal	2199	American Flat Glass Dist.	2279	Cheil Glass Industrial Co., Inc.
2067	Cardinal CG	2200	American Flat Glass Dist.	2282	GGI Glass Distributors Corp.
2068	Cardinal CG	2203	Cardinal IG	2285	Cardinal IG
2069	Cardinal CG	2204	Cardinal IG	2286	Cardinal IG
2070	Cardinal CG	2205	Cardinal IG	2287	Tecnoglass S.A.
2071	Cardinal CG	2206	AFG Inds., Inc.-TN	2289	Anthony International
2074	Oldcastle Glass Los Angeles	2210	Oldcastle Glass Indianapolis	2293	Cardinal CG
2075	Oldcastle Glass Los Angeles	2211	Oldcastle Glass Indianapolis	2294	Cardinal CG
2077	ACI Distribution	2212	Oldcastle Glass Indianapolis	2295	Cardinal CG
2101	Coastal Glass Distributors	2213	Oldcastle Glass Indianapolis	2296	Cardinal CG
2102	Coastal Glass Distributors	2214	Oldcastle Glass Indianapolis	2302	Virginia Glass Products Corp.
2103	Coastal Glass Distributors	2215	Oldcastle Glass Indianapolis	2305	Sovis North America, Inc.
2104	Coastal Glass Distributors	2216	Oldcastle Glass Indianapolis	2306	Sovis North America, Inc.
2107	Coastal Glass Distributors	2217	PDC Glass of Michigan Inc.	2307	Sovis North America, Inc.
2108	Coastal Glass Distributors	2218	PDC Glass of Michigan Inc.	2308	Oldcastle Glass Bensenville
2109	Coastal Glass Distributors	2219	PDC Glass of Michigan Inc.	2309	Specialty Building Products
2121	Specialty Building Products	2220	PDC Glass of Michigan Inc.	2310	Viracon, Inc.
2133	Tecnoglass S.A.	2222	PDC Glass of Michigan Inc.	2311	Viracon, Inc.
2134	Tecnoglass S.A.	2223	PDC Glass of Michigan Inc.	2314	Viracon, Inc.
2135	Tecnoglass S.A.	2224	PDC Glass of Michigan Inc.	2317	Cardinal IG
2141	Guardian Walled Lake Fab.	2226	GGI Glass Distributors Corp.	2318	Cardinal IG
2142	Guardian Walled Lake Fab.	2227	GGI Glass Distributors Corp.	2319	Cardinal IG
2143	Efco Corp.	2228	GGI Glass Distributors Corp.	2320	Cardinal IG
2144	Coraglass, Inc.	2229	PDC Glass of Michigan Inc.	2321	Cardinal IG
2145	Coraglass, Inc.	2231	Cardinal IG	2322	Cardinal IG
2146	Cardinal CG	2232	Cardinal IG	2323	Cardinal IG
2147	Cardinal CG	2233	Cardinal IG	2328	Cardinal IG
2148	Cardinal CG	2234	Cardinal IG	2329	Cardinal IG
2157	Mid Ohio Tempering	2235	Cardinal IG	2330	Cardinal IG
2158	Mid Ohio Tempering	2236	Colonial Mirror & Glass Corp.	2331	Cardinal IG
2159	Mid Ohio Tempering	2237	Colonial Mirror & Glass Corp.	2332	Saint-Gobain Glass Mexico S.A. d
2160	AFGD Glass	2238	Colonial Mirror & Glass Corp.	2333	Saint-Gobain Glass Mexico S.A. d

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2335	Craftsman Tempered Glass	2453	Sovis North America, Inc.	2528	Coastal Glass Distributors
2336	Craftsman Tempered Glass	2454	Republic Windows & Doors, Inc.	2533	Dongli Tempered Glass Co., Ltd.
2337	Craftsman Tempered Glass	2455	Cameron Glass, Inc.	2543	Oldcastle Glass Montreal
2338	Craftsman Tempered Glass	2458	Guardian Industries Corp.	2544	Oldcastle Glass Montreal
2339	Craftsman Tempered Glass	2459	Guardian Industries Corp.	2545	Guardian Industries Corp.
2340	Craftsman Tempered Glass	2460	Guardian Industries Corp.	2547	Techni-Glass, Inc.
2342	Craftsman Tempered Glass	2462	Cardinal LG	2548	Techni-Glass, Inc.
2352	Sovis North America, Inc.	2463	Cardinal LG	2549	Techni-Glass, Inc.
2353	Sovis North America, Inc.	2464	Cardinal LG	2550	Techni-Glass, Inc.
2354	Consolidated Glass Corp.	2465	Tecnoglass S.A.	2551	FTG of NC, LLC
2355	Consolidated Glass Corp.	2467	United Plate Glass Co., Inc.	2553	FTG of NC, LLC
2357	Cardinal CG	2468	United Plate Glass Co., Inc.	2554	FTG of NC, LLC
2358	Cardinal CG	2469	United Plate Glass Co., Inc.	2556	FTG of NC, LLC
2359	Cardinal CG	2470	United Plate Glass Co., Inc.	2557	FTG of NC, LLC
2360	Cardinal CG	2471	United Plate Glass Co., Inc.	2560	FTG of NC, LLC
2364	Viracon, Inc.	2472	United Plate Glass Co., Inc.	2562	Coastal Glass Distributors
2365	Tecnoglass S.A.	2473	United Plate Glass Co., Inc.	2563	Coastal Glass Distributors
2368	ACI Distribution	2474	United Plate Glass Co., Inc.	2566	Guardian Walled Lake Fab.
2381	Prelco, Inc.	2475	United Plate Glass Co., Inc.	2567	Guardian Walled Lake Fab.
2382	Guardian Industries Corp.	2479	American Flat Glass Dist.	2569	Bendheim Wall Systems
2389	PGT Industries	2480	American Flat Glass Dist.	2570	Bendheim Wall Systems
2390	PGT Industries	2481	Triple Seal Ltd.	2571	Glass South Africa, LTD, Westme
2391	PGT Industries	2482	Triple Seal Ltd.	2572	Unitex Glass (Xiamen) Co., Ltd.
2397	Cardinal IG	2483	Triple Seal Ltd.	2573	Unitex Glass (Xiamen) Co., Ltd.
2399	Cardinal IG	2484	Triple Seal Ltd.	2574	Unitex Glass (Xiamen) Co., Ltd.
2406	American Flat Glass Dist.	2488	Traco (Three Rivers Alum)	2575	Unitex Glass (Xiamen) Co., Ltd.
2417	Nashville Tempered Glass Corp.	2489	Traco (Three Rivers Alum)	2576	Unitex Glass (Xiamen) Co., Ltd.
2418	ACI Distribution	2490	Traco (Three Rivers Alum)	2577	Unitex Glass (Xiamen) Co., Ltd.
2419	Galaxy Glass Corp., Inc.	2491	Mid Ohio Tempering	2578	Amsco Windows
2420	Nashville Tempered Glass Corp.	2492	Westshore Glass	2579	Amsco Windows
2421	Glass South Africa, LTD, Parow	2493	Arch Aluminum & Glass Co.	2580	Amsco Windows
2422	Glass South Africa, LTD, Parow	2494	Nashville Tempered Glass Corp.	2581	Amsco Windows
2423	Vetzeria Valentini S.R.L.	2497	Nashville Tempered Glass Corp.	2582	Amsco Windows
2424	Vetzeria Valentini S.R.L.	2498	Multiver	2583	Amsco Windows
2425	PGT Industries	2499	Multiver	2584	Amsco Windows
2426	PGT Industries	2501	Cameron Glass, Inc.	2585	Vidrios Lirquen S.A.
2427	PGT Industries	2504	Specialty Building Products	2586	Vidrios Lirquen S.A.
2428	PGT Industries	2507	AFG Insulating	2587	Vidrios Lirquen S.A.
2429	PGT Industries	2509	AFG Insulating	2588	Engineered Glass Products, L.L.C
2432	Changshu Zhongcheng Bldg. Mat. Co.	2510	AFG Insulating	2589	Engineered Glass Products, L.L.C
2434	Kohler Company	2511	Arch Ohio, Inc.	2590	Engineered Glass Products, L.L.C
2436	ACI Distribution	2512	Coastal Glass Distributors	2592	American Flat Glass Dist.
2444	Goldray Industries Ltd.	2513	Coastal Glass Distributors	2600	Arch Ohio, Inc.
2445	Goldray Industries Ltd.	2519	Guardian Industries Corp.	2601	Tecnoglass S.A.
2446	Goldray Industries Ltd.	2521	American Flat Glass Dist.	2602	Engineered Glass Products, L.L.C
2447	Goldray Industries Ltd.	2522	American Flat Glass Dist.	2603	Guardian Fabrication Inc.
2448	Goldray Industries Ltd.	2523	American Flat Glass Dist.	2604	ACI Distribution
2449	Goldray Industries Ltd.	2525	Guardian Industries Corp.	2605	ACI Distribution
2450	Guardian Fabrication Inc.	2526	Guardian Industries Corp.	2606	ACI Distribution
2451	Guardian Fabrication Inc.	2527	Coastal Glass Distributors	2607	ACI Distribution

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2608	ACI Distribution	2683	United Plate Glass Co., Inc.	2745	Republic Windows & Doors, Inc.
2611	ACI Distribution	2684	Spec-Temp, Inc.	2746	ACI Distribution
2612	ACI Distribution	2685	Spec-Temp, Inc.	2747	Societe Verriere De L'Atlantique
2613	ACI Distribution	2686	Spec-Temp, Inc.	2751	Prelco, Inc.
2614	ACI Distribution	2687	Spec-Temp, Inc.	2752	PT Surya Adhitia Fortuna Glass
				2761	Shanghai Yaohua Pilkington Glas
2616	Guardian Fabrication Inc.	2688	Spec-Temp, Inc.	2762	Shanghai Yaohua Pilkington Glas
2617	Glass-Tex Industries	2689	Spec-Temp, Inc.		
2618	Glass-Tex Industries	2691	Nashville Tempered Glass L.L.C.	2763	Shanghai Yaohua Pilkington Glas
2619	Glass-Tex Industries	2692	Nashville Tempered Glass L.L.C.	2764	Galaxy Glass Corp., Inc.
2620	Glass-Tex Industries	2693	Nashville Tempered Glass L.L.C.	2766	Mid Ohio Tempering
				2767	Glass South Africa, LTD (Springs Armourplate)
2621	Glass-Tex Industries	2694	Nashville Tempered Glass L.L.C.	2768	American Flat Glass Dist.
2622	Glass-Tex Industries	2695	PDC Glass of Michigan Inc.		
2623	Glass-Tex Industries	2696	Shanghai Yaohua Pilkington Glass Co.	2769	Sovis North America, Inc.
2625	Tecnoglass S.A.	2697	Guardian Walled Lake Fab.	2770	Sovis North America, Inc.
2626	Tecnoglass S.A.	2698	Engineered Glass Products, L.L.C.	2771	Dong Sung Korea, Co., Ltd.
				2777	Shanghai Yaohua Pilkington Glas
2627	Tecnoglass S.A.	2699	Cardinal CG	2778	Shanghai Yaohua Pilkington Glas
2629	Multiver	2700	Cardinal CG		
2630	Multiver	2701	Cardinal CG		
2636	AFG Insulating	2702	Cardinal CG	2779	Shanghai Yaohua Pilkington Glas
2637	AFG Insulating	2703	Cardinal CG	2780	Shanghai Yaohua Pilkington Glas
				2781	Cat i Manufacturing, Inc.
2638	AFG Insulating	2705	Cardinal CG	2782	Cat i Manufacturing, Inc.
2639	AFG Insulating	2706	Dong Sung Korea, Co., Ltd.	2783	Cat i Manufacturing, Inc.
2644	Coraglass, Inc.	2707	Craftsman Tempered Glass		
2646	Berkowitz, J.E.	2709	Dong Sung Korea, Co., Ltd.	2784	Cat i Manufacturing, Inc.
2647	Berkowitz, J.E.	2712	Glass South Africa, LTD (Springs Armourplate)	2785	Arch Aluminum & Glass Co., Inc.
2648	ACI Distribution			2786	Shanghai Yaohua Pilkington Glas
2649	Guardian Industries Corp.	2713	Prelco, Inc.	2787	Binswanger Mirror
2654	Syracuse Glass Company	2714	Traco (Three Rivers Alum)	2788	Binswanger Mirror
2656	Syracuse Glass Company	2715	Traco (Three Rivers Alum)	2789	Binswanger Mirror
2657	Syracuse Glass Company	2716	Traco (Three Rivers Alum)	2790	All Team Glass & Mirror, Ltd.
		2717	Traco (Three Rivers Alum)	2791	Desert Glass Products
2658	Glass South Africa, LTD, Parow			2792	Desert Glass Products
2660	Downey Glass Industries, LLC	2718	Traco (Three Rivers Alum)	2793	Desert Glass Products
2661	Downey Glass Industries, LLC	2719	Traco (Three Rivers Alum)		
2662	Downey Glass Industries, LLC	2720	Laurier Glass Ltd.	2794	Desert Glass Products
2663	Downey Glass Industries, LLC	2721	Laurier Glass Ltd.	2795	Desert Glass Products
		2722	Laurier Glass Ltd.	2796	Desert Glass Products
2664	Downey Glass Industries, LLC			2797	Desert Glass Products
2665	Downey Glass Industries, LLC	2723	Vidrieria Argentina, S.A.	2798	Desert Glass Products
2666	AFG Insulating	2724	Vidrieria Argentina, S.A.		
2667	Guardian Industries Corp.	2725	Vidrieria Argentina, S.A.	2799	Desert Glass Products
2668	Guardian Industries Corp.	2727	Sovis North America, Inc.	2800	Desert Glass Products
		2728	Glass Dynamics, Inc.	2801	Guardian Industries Corp.
2669	FLT Glass			2802	Guardian Industries Corp.
2670	FLT Glass	2729	Glass Dynamics, Inc.	2803	Guardian Industries Corp.
2671	FLT Glass	2730	Glass Dynamics, Inc.		
2672	FLT Glass	2731	Glass Dynamics, Inc.	2804	Guardian Industries Corp.
2673	FLT Glass	2732	Glass Dynamics, Inc.	2805	Guardian Industries Corp.
		2733	Glass Dynamics, Inc.	2806	Guardian Industries Corp.
2678	Traco (Three Rivers Alum)			2808	Guardian Industries Corp.
2679	TemperBent Glass, LP	2734	Glass Dynamics, Inc.	2809	Guardian Industries Corp.
2680	TemperBent Glass, LP	2743	Saint-Gobain Glass Mexico S.A. de C.V.		
2681	TemperBent Glass, LP	2744	Republic Windows & Doors, Inc.	2810	Guardian Industries Corp.
2682	TemperBent Glass, LP			2811	Guardian Industries Corp.

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2812	Guardian Industries Corp.	2894	Tecnoglass S.A.		
2813	Guardian Industries Corp.	2895	Binswanger Mirror		
2814	Jiangyin Jingcheng High Quality Glass	2896	AFG Inds., Inc.-CA		
2821	Dongli Tempered Glass Co., Ltd.	2897	Jiangyin Jingcheng High Quality Glass		
2822	ACI Distribution	2898	Vetzeria Valentini S.R.L.		
2823	ACI Distribution	2899	AFGD Glass		
2824	ACI Distribution	2900	AFGD Glass		
2825	ACI Distribution	2901	AFGD Glass		
2826	ACI Distribution	2902	AFGD Glass		
2827	ACI Distribution	2903	AFGD Glass		
2828	ACI Distribution	2904	Changshu Hard Glass Co., Ltd.		
2829	ACI Distribution	2909	Cardinal FG		
2830	ACI Distribution	2910	Cardinal FG		
2831	Cardinal IG	2911	Cardinal FG		
2832	Cardinal IG	2912	Cardinal FG		
2833	Cardinal IG	2918	Kohler Company		
2834	Cardinal IG	2919	Cardinal IG		
2840	Binswanger Mirror	2920	Cardinal IG		
2841	Binswanger Mirror	2921	Cardinal IG		
2842	Milgard Tempering	2922	Cardinal IG		
2843	Shanghai Yaohua Pilkington Glass Co.	2923	Cardinal IG		
2844	Shanghai Yaohua Pilkington Glass Co.	2924	Cardinal IG		
2845	Shanghai Yaohua Pilkington Glass Co.	2925	Cardinal IG		
2850	Eckelt Glas GmbH	2926	Changshu Da-Yang Special Glass		
2851	Eckelt Glas GmbH	2927	Changshu Da-Yang Special Glass		
2852	Eckelt Glas GmbH	2930	Oldcastle Glass Telford		
2853	Eckelt Glas GmbH	2932	Haida Safety Glass Ltd.		
2854	Eckelt Glas GmbH	2933	Haida Safety Glass Ltd.		
2855	Eckelt Glas GmbH	2934	Haida Safety Glass Ltd.		
2856	Jiangyin Jingcheng High Quality Glass	2935	Haida Safety Glass Ltd.		
2857	Cardinal IG	2936	Haida Safety Glass Ltd.		
2858	Cardinal IG	2938	Glass Innovations LLC		
2859	Cardinal IG	2939	PDC Glass of Michigan Inc.		
2867	American Flat Glass Dist.	2949	Qinhuangdao Topgem Glass Co., Ltd.		
2868	American Flat Glass Dist.	2951	Gemtron-Vincennes #1036419		
2876	Cardinal CG	2953	AFG Inds., Inc.-CA		
2877	Societe Verriere De L'Atlantique	2954	Cardinal CG		
2878	Cardinal CG	2955	Cardinal CG		
2879	Cardinal CG	2956	Cardinal CG		
2880	Cardinal CG	2961	SIGCO, Inc.		
2881	Cardinal CG	2962	SIGCO, Inc.		
2882	Cardinal CG	2963	SIGCO, Inc.		
2883	Oldcastle Glass Montreal	2964	SIGCO, Inc.		
2884	Oldcastle Glass Montreal	2965	SIGCO, Inc.		
2885	Oldcastle Glass Montreal	2966	SIGCO, Inc.		
2887	Simonton Windows	2967	SIGCO, Inc.		
2888	Simonton Windows				
2889	Dong Sung Glass Co., Ltd.				
2890	Dong Sung Glass Co., Ltd.				
2893	Binswanger Mirror				

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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.-KS ; Spring Hill, KS					
1919	COMPOSITE	1/8	3.0	TTG	U	1702	COMPOSITE	1/8	3.0	TTG	U
400	COMPOSITE	3/16	5.0	TTG	U	1703	COMPOSITE	5/32	4.0	TTG	U
402	COMPOSITE	1/4	6.0	TTG	U	1704	COMPOSITE	3/16	5.0	TTG	U
1107	COMPOSITE	3/8	10.0	TTG	U	1705	COMPOSITE	1/4	6.0	TTG	U
1108	COMPOSITE	1/2	12.0	TTG	U	AFG Inds., Inc.-TN ; Greenland, TN					
1225	COMPOSITE	3/4	19.0	TTG	U	598	COMPOSITE	1/8	3.0	TTG	U
2418	ANSI ONLY	1/8	3.0	TPG	U	955	COMPOSITE	5/32	4.0	TTG	U
1728	COMPOSITE	3/16	5.0	TPG (s)	U	220	COMPOSITE	3/16	5.0	TTG	U
ACI Distribution ; Greensboro, NC						89	COMPOSITE	1/4	6.0	TTG	U
2648	COMPOSITE	1/8	3.0	TTG	U	90	COMPOSITE	3/8	10.0	TTG	U
1642	COMPOSITE	3/16	5.0	TTG	U	587	COMPOSITE	1/8	3.0	TPG (s)	U
1643	COMPOSITE	1/4	6.0	TTG	U	1139	COMPOSITE	3/16	5.0	TPG (s)	U
1644	COMPOSITE	3/8	10.0	TTG	U	AFG Inds., Inc.-TN ; Kingsport, TN					
1645	COMPOSITE	1/2	12.0	TTG	U	1390	COMPOSITE	1/8	3.0	TTG	U
2746	COMPOSITE	1/8	3.0	TPG	U	949	COMPOSITE	5/32	4.0	TTG	U
2077	COMPOSITE	3/16	5.0	TPG (s)	U	28	COMPOSITE	3/16	5.0	TTG	U
ACI Distribution ; Oceanside, CA						24	COMPOSITE	1/4	6.0	TTG	U
2822	COMPOSITE	1/8	3.0	TTG	U	1414	COMPOSITE	1/8	3.0	TPG (m)	U
2823	COMPOSITE	5/32	4.0	TTG	U	2249	COMPOSITE	5/32	4.0	TPG (m)	U
2824	COMPOSITE	3/16	5.0	TTG	U	2206	COMPOSITE	3/16	5.0	TPG (d)	U
2825	COMPOSITE	1/4	6.0	TTG	U	AFG Insulating ; Quakertown, PA					
2826	COMPOSITE	3/8	10.0	TTG	U	2507	COMPOSITE	1/8	3.0	TTG	U
2827	COMPOSITE	1/2	12.0	TTG	U	2509	COMPOSITE	3/16	5.0	TTG	U
2828	COMPOSITE	1/8	3.0	TPG (s)	U	2666	COMPOSITE	1/4	6.0	TTG	U
2829	COMPOSITE	5/32	4.0	TPG (d)	U	2510	COMPOSITE	1/8	3.0	TPG (m)	U
2830	COMPOSITE	3/16	5.0	TPG (m)	U	AFG Insulating ; Riverside, CA					
ACI Distribution ; Santa Clara, CA						2636	COMPOSITE	1/8	3.0	TTG	U
2436	COMPOSITE	3/16	5.0	TTG	U	2637	COMPOSITE	5/32	4.0	TTG	U
1496	COMPOSITE	1/4	6.0	TTG	U	2638	COMPOSITE	3/16	5.0	TTG	U
1497	COMPOSITE	3/8	10.0	TTG	U	2639	COMPOSITE	1/4	6.0	TTG	U
1498	COMPOSITE	1/2	12.0	TTG	U	AFGD ; Tulsa, OK					
2368	COMPOSITE	3/16	5.0	TPG (s)	U	1453	COMPOSITE	1/8	3.0	TTG	U
ACI Distribution ; Santa Fe Springs, CA						1870	COMPOSITE	5/32	4.0	TTG	U
1157	COMPOSITE	3/16	5.0	TTG	U	1454	COMPOSITE	3/16	5.0	TTG	U
1535	COMPOSITE	1/4	6.0	TTG	U	1455	COMPOSITE	1/4	6.0	TTG	U
1179	COMPOSITE	3/8	10.0	TTG	U	1456	COMPOSITE	3/8	10.0	TTG	U
640	COMPOSITE	1/2	12.0	TTG	U	1457	COMPOSITE	1/2	12.0	TTG	U
1861	COMPOSITE	1/8	3.0	TPG (s)	U	1617	COMPOSITE	5/32	4.0	TPG (s)	U
ACI Distribution ; Stockton, CA						1618	COMPOSITE	3/16	5.0	TPG (s)	U
2604	COMPOSITE	1/8	3.0	TTG	U	AFGD Glass ; Fall River, MA					
2605	COMPOSITE	5/32	4.0	TTG	U	1518	COMPOSITE	1/8	3.0	TTG	U
2606	COMPOSITE	3/16	5.0	TTG	U	1519	COMPOSITE	3/16	5.0	TTG	U
2607	COMPOSITE	1/4	6.0	TTG	U	1520	COMPOSITE	1/4	6.0	TTG	U
2608	COMPOSITE	3/8	10.0	TTG	U	1521	COMPOSITE	3/8	10.0	TTG	U
2611	COMPOSITE	1/8	3.0	TPG (s)	U	1522	COMPOSITE	1/2	12.0	TTG	U
2612	COMPOSITE	5/32	4.0	TPG (s)	U	2160	COMPOSITE	5/32	4.0	TPG (s)	U
2613	COMPOSITE	3/16	5.0	TPG (s)	U	1523	COMPOSITE	3/16	5.0	TPG (s)	U
2614	COMPOSITE	7/32	5.5	TPG (s)	U	AFGD Glass ; Opelousas, LA					
AFG Inds., Inc.-CA ; Victorville, CA						2899	COMPOSITE	1/8	3.0	TTG	U
1664	COMPOSITE	1/8	3.0	TTG	U	2900	COMPOSITE	3/16	5.0	TTG	U
1641	COMPOSITE	5/32	4.0	TTG	U	2901	COMPOSITE	1/4	6.0	TTG	U
1663	COMPOSITE	3/16	5.0	TTG	U	2902	COMPOSITE	1/8	3.0	TPG (s)	U
1925	COMPOSITE	1/4	6.0	TTG	U	2903	COMPOSITE	3/16	5.0	TPG (m)	U
2896	COMPOSITE	1/8	3.0	TPG (s)	U						
2953	COMPOSITE	5/32	4.0	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
AFGD, Div. of AFG Inds., Ltd. ; Concord, ON Canada						Amsco Windows ; Salt Lake City, UT					
1485	COMPOSITE	1/8	3.0	TTG	U	2578	COMPOSITE	1/8	3.0	TTG	U
1486	COMPOSITE	5/32	4.0	TTG	U	2579	COMPOSITE	5/32	4.0	TTG	U
1945	COMPOSITE	3/16	5.0	TTG	U	2580	COMPOSITE	3/16	5.0	TTG	U
1489	COMPOSITE	1/4	6.0	TTG	U	2581	COMPOSITE	1/4	6.0	TTG	U
AFGD, Div. of AFG Inds., Ltd. ; London, ON Canada						2582	COMPOSITE	1/8	3.0	TPG (s)	U
1872	COMPOSITE	1/8	3.0	TTG	U	2583	COMPOSITE	5/32	4.0	TPG (s)	U
1873	COMPOSITE	5/32	4.0	TTG	U	2584	COMPOSITE	3/16	5.0	TPG (m)	U
1874	COMPOSITE	3/16	5.0	TTG	U	Anthony International ; San Fernando, CA					
1875	COMPOSITE	1/4	6.0	TTG	U	520	ANSI ONLY	1/8	3.0	TTG	U
All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada						2289	ANSI ONLY	5/32	4.0	TTG	U
1754	COMPOSITE	5/32	4.0	TTG	U	999	ANSI ONLY	3/16	5.0	TTG	U
1755	COMPOSITE	3/16	5.0	TTG	U	1000	ANSI ONLY	1/4	6.0	TTG	U
1756	COMPOSITE	1/4	6.0	TTG	U	Arch Aluminum & Glass Co. ; Waukesha, WI					
2790	COMPOSITE	5/16	8.0	TTG	U	2493	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1757	COMPOSITE	3/8	10.0	TTG	U	Arch Aluminum & Glass Co., Inc. ; Tamarac, FL					
1758	COMPOSITE	1/2	12.0	TTG	U	2785	COMPOSITE	1/4	6.0	LTG (.030)	U
American Flat Glass Dist. ; Alvarado, TX						Arch Ohio, Inc. ; Columbus, OH					
1708	COMPOSITE	1/8	3.0	TTG	U	2511	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1710	COMPOSITE	1/4	6.0	TTG	U	2175	COMPOSITE	1/2	12.0	LTG (b) (.030)	U
1711	COMPOSITE	3/8	10.0	TTG	U	2600	COMPOSITE	1/4	6.0	LSP (b) (.030)	U
1712	COMPOSITE	1/2	12.0	TTG	U	Architectural Safety Glass ; Ft. Pierce, FL					
2406	COMPOSITE	5/32	4.0	TPG (s)	U	1914	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1714	COMPOSITE	3/16	5.0	TPG (s)	U	Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany					
American Flat Glass Dist. ; Hebron, OH						2570	COMPOSITE	1/4	6.0	TBG	20x76
2196	COMPOSITE	1/8	3.0	TTG	U	2569	COMPOSITE	9/32	7.0	TBG	16x76
2197	COMPOSITE	3/16	5.0	TTG	U	Berkowitz, J.E. ; Westville, NJ					
2198	COMPOSITE	1/4	6.0	TTG	U	1990	COMPOSITE	1/4	6.0	TTG	U
2199	COMPOSITE	3/8	10.0	TTG	U	2646	COMPOSITE	3/8	10.0	TTG	U
2200	COMPOSITE	1/2	12.0	TTG	U	1991	COMPOSITE	1/2	12.0	TTG	U
2768	COMPOSITE	5/32	4.0	TPG	U	2647	COMPOSITE	3/4	19.0	TTG	U
2592	COMPOSITE	3/16	5.0	TPG (d)	U	Binswanger Mirror ; Grenada, MS					
American Flat Glass Dist. ; Marietta, GA						2787	COMPOSITE	1/8	3.0	TTG	U
1405	COMPOSITE	1/8	3.0	TTG	U	2893	COMPOSITE	5/32	4.0	TTG	U
1967	COMPOSITE	5/32	4.0	TTG	U	2788	COMPOSITE	3/16	5.0	TTG	U
1230	COMPOSITE	3/16	5.0	TTG	U	2789	COMPOSITE	1/4	6.0	TTG	U
1231	COMPOSITE	1/4	6.0	TTG	U	2840	COMPOSITE	3/8	10.0	TTG	U
1232	COMPOSITE	3/8	10.0	TTG	U	2841	COMPOSITE	1/2	12.0	TTG	U
1406	COMPOSITE	1/2	12.0	TTG	U	2895	COMPOSITE	3/16	5.0	TPG (m)	U
1428	COMPOSITE	5/32	4.0	TPG (s)	U	Bronco Industries, Inc. ; Delta, BC Canada					
2054	COMPOSITE	3/16	5.0	TPG (m)	U	2242	ANSI ONLY	1/8	3.0	TTG	U
American Flat Glass Dist. ; Richmond, VA						2243	ANSI ONLY	5/32	4.0	TTG	U
2521	COMPOSITE	1/8	3.0	TTG	U	2244	ANSI ONLY	3/16	5.0	TTG	U
2480	COMPOSITE	5/32	4.0	TTG	U	2245	ANSI ONLY	1/4	6.0	TTG	U
2522	COMPOSITE	3/16	5.0	TTG	U	2246	ANSI ONLY	3/8	10.0	TTG	U
1957	COMPOSITE	1/4	6.0	TTG	U	2247	ANSI ONLY	1/2	12.0	TTG	U
1958	COMPOSITE	3/8	10.0	TTG	U	Cameron Glass, Inc. ; Broken Arrow, OK					
1959	COMPOSITE	1/2	12.0	TTG	U	2501	COMPOSITE	3/16	5.0	TTG	U
2479	COMPOSITE	5/32	4.0	TPG (m)	U	2455	COMPOSITE	1/4	6.0	TTG	U
2523	COMPOSITE	3/16	5.0	TPG (m)	U	2032	COMPOSITE	3/8	10.0	TTG	U
2867	COMPOSITE	1/4	6.0	TPG (d)	U	2033	COMPOSITE	1/2	12.0	TTG	U
2868	COMPOSITE	3/8	10.0	TPG	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 ; Buford, GA						Cardinal FG ; Durant, OK					
1921	COMPOSITE	1/8	3.0	TTG	U	2909	COMPOSITE	1/8	3.0	TTG	U
1922	COMPOSITE	5/32	4.0	TTG	U	2910	COMPOSITE	5/23	4.0	TTG	U
1923	COMPOSITE	3/16	5.0	TTG	U	2911	COMPOSITE	3/16	5.0	TTG	U
1924	COMPOSITE	1/4	6.0	TTG	U	2912	COMPOSITE	1/4	6.0	TTG	U
2146	CPSC ONLY	1/8	3.0	TPG (s)	U	Cardinal IG ; Fargo, ND					
2147	CPSC ONLY	5/32	4.0	TPG (s)	U	2235	COMPOSITE	1/8	3.0	TTG	U
2148	CPSC ONLY	3/16	5.0	TPG (s)	U	2234	COMPOSITE	5/32	4.0	TTG	U
Cardinal CG ; Casa Grande, AZ						2233	COMPOSITE	3/16	5.0	TTG	U
2878	CPSC ONLY	1/8	3.0	TTG	U	2232	COMPOSITE	1/4	6.0	TTG	U
2879	CPSC ONLY	5/32	4.0	TTG	U	2231	COMPOSITE	1/8	3.0	TPG (s)	U
2880	CPSC ONLY	3/16	5.0	TTG	U	2285	COMPOSITE	5/32	4.0	TPG (m)	U
2881	CPSC ONLY	1/4	6.0	TTG	U	2286	COMPOSITE	3/16	5.0	TPG (s)	U
2882	CPSC ONLY	5/32	4.0	TPG	U	Cardinal IG ; Fremont, IN					
Cardinal CG ; Galt, CA						2176	COMPOSITE	1/8	3.0	TTG	U
2357	COMPOSITE	1/8	3.0	TTG	U	2177	COMPOSITE	5/32	4.0	TTG	U
2358	COMPOSITE	5/32	4.0	TTG	U	2178	COMPOSITE	3/16	5.0	TTG	U
2359	COMPOSITE	3/16	5.0	TTG	U	2179	COMPOSITE	1/4	6.0	TTG	U
2360	COMPOSITE	1/4	6.0	TTG	U	2203	COMPOSITE	1/8	3.0	TPG (s)	U
Cardinal CG ; Moreno Valley, CA						2204	COMPOSITE	5/32	4.0	TPG (s)	U
2293	CPSC ONLY	1/8	3.0	TTG	U	2205	COMPOSITE	3/16	5.0	TPG (s)	U
2294	CPSC ONLY	5/32	4.0	TTG	U	Cardinal IG ; Greenfield, IA					
2295	CPSC ONLY	3/16	5.0	TTG	U	1827	CPSC ONLY	1/8	3.0	TTG	U
2296	CPSC ONLY	1/4	6.0	TTG	U	1828	CPSC ONLY	5/32	4.0	TTG	U
Cardinal CG ; Northfield, MN						1829	CPSC ONLY	3/16	5.0	TTG	U
1985	CPSC ONLY	1/8	3.0	TTG	U	1830	CPSC ONLY	1/4	6.0	TTG	U
1986	CPSC ONLY	5/32	4.0	TTG	U	1841	CPSC ONLY	1/8	3.0	TPG (s)	U
1987	CPSC ONLY	3/16	5.0	TTG	U	1842	CPSC ONLY	5/32	4.0	TPG (m)	U
1988	CPSC ONLY	1/4	6.0	TTG	U	1843	CPSC ONLY	3/16	5.0	TPG (s)	U
2011	CPSC ONLY	1/8	3.0	TPG (s)	U	Cardinal IG ; Hood River, OR					
2012	CPSC ONLY	5/32	4.0	TPG (s)	U	2831	CPSC ONLY	1/8	3.0	TTG	U
2013	CPSC ONLY	3/16	5.0	TPG (s)	U	2858	CPSC ONLY	5/32	4.0	TTG	U
Cardinal CG ; Spring Green, WI						2833	CPSC ONLY	3/16	5.0	TTG	U
2067	CPSC ONLY	1/8	3.0	TTG	U	2834	CPSC ONLY	1/4	6.0	TTG	U
2068	CPSC ONLY	5/32	4.0	TTG	U	2857	CPSC ONLY	1/8	3.0	TPG (m)	U
2069	CPSC ONLY	3/16	5.0	TTG	U	2832	CPSC ONLY	5/32	4.0	TPG	U
2070	CPSC ONLY	1/4	6.0	TTG	U	2859	CPSC ONLY	3/16	5.0	TPG (m)	U
2876	CPSC ONLY	9/32	7.5	TTG	24x53	Cardinal IG ; Spring Green, WI					
2071	CPSC ONLY	1/8	3.0	TPG (s)	U	1831	COMPOSITE	1/8	3.0	TTG	U
Cardinal CG ; Tumwater, WA						1832	COMPOSITE	5/32	4.0	TTG	U
2007	CPSC ONLY	1/8	3.0	TTG	U	1833	COMPOSITE	3/16	5.0	TTG	U
2008	CPSC ONLY	5/32	4.0	TTG	U	1834	COMPOSITE	1/4	6.0	TTG	U
2009	CPSC ONLY	3/16	5.0	TTG	U	1844	COMPOSITE	1/8	3.0	TPG (s)	U
2010	CPSC ONLY	1/4	6.0	TTG	U	1845	COMPOSITE	5/32	4.0	TPG (m)	U
2954	COMPOSITE	1/8	3.0	TPG (s)	U	1846	COMPOSITE	3/16	5.0	TPG (s)	U
2955	COMPOSITE	5/32	4.0	TPG (d)	U	Cardinal IG ; Tomah, WI					
2956	COMPOSITE	3/16	5.0	TPG (m)	U	2317	CPSC ONLY	1/8	3.0	TTG	U
Cardinal CG ; Waxahachie, TX						2318	CPSC ONLY	5/32	4.0	TTG	U
2699	COMPOSITE	1/8	3.0	TTG	U	2319	CPSC ONLY	3/16	5.0	TTG	U
2700	COMPOSITE	5/32	4.0	TTG	U	2320	CPSC ONLY	1/4	6.0	TTG	U
2701	COMPOSITE	3/16	5.0	TTG	U	2321	CPSC ONLY	1/8	3.0	TPG (s)	29x76
2702	COMPOSITE	1/4	6.0	TTG	U	2322	CPSC ONLY	5/32	4.0	TPG (s)	29x76
2703	COMPOSITE	1/8	3.0	TPG	U	2323	CPSC ONLY	3/16	5.0	TPG (s)	U
2705	COMPOSITE	3/16	5.0	TPG	U						

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Cardinal IG ; Vinton, VA						Colonial Mirror & Glass Corp. ; Brooklyn, NY					
2919	COMPOSITE	1/8	3.0	TTG	U	2237	COMPOSITE	3/16	5.0	TTG	U
2920	COMPOSITE	5/32	4.0	TTG	U	1847	COMPOSITE	1/4	6.0	TTG	U
2921	COMPOSITE	3/16	5.0	TTG	U	1848	COMPOSITE	3/8	10.0	TTG	U
2922	COMPOSITE	1/4	6.0	TTG	U	1929	COMPOSITE	1/2	12.0	TTG	U
2923	COMPOSITE	1/8	3.0	TPG (s)	U	2236	COMPOSITE	5/8	15.0	TTG	U
2924	COMPOSITE	5/32	4.0	TPG (s)	U	2238	COMPOSITE	3/4	19.0	TTG	U
2925	COMPOSITE	3/16	5.0	TPG (s)	U	Commercial Insulating Glass Co. ; Sarasota, FL					
Cardinal IG ; Waxahachie, TX						1889	COMPOSITE	1/8	3.0	TTG	31x76
2328	CPSC ONLY	1/8	3.0	TTG	U	1890	COMPOSITE	3/16	5.0	TTG	31x76
2329	CPSC ONLY	5/32	4.0	TTG	U	1891	COMPOSITE	1/4	6.0	TTG	31x76
2330	CPSC ONLY	3/16	5.0	TTG	U	Consolidated Glass Corp. ; New Castle, PA					
2331	CPSC ONLY	1/4	6.0	TTG	U	1998	COMPOSITE	1/8	3.0	TTG	U
2397	CPSC ONLY	1/8	3.0	TPG (s)	U	1999	COMPOSITE	5/32	4.0	TTG	U
2399	CPSC ONLY	3/16	5.0	TPG (s)	U	2005	COMPOSITE	3/16	5.0	TTG	U
Cardinal LG ; Amery, WI						2002	COMPOSITE	1/4	6.0	TTG	U
2166	COMPOSITE	5/32	4.0	LTG (b)(C1)(.015)	U	2003	COMPOSITE	3/8	10.0	TTG	U
2167	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	2004	COMPOSITE	1/2	12.0	TTG	U
2463	COMPOSITE	5/16	8.7	LTG (b) (.030)	U	2060	COMPOSITE	5/8	15.0	TTG	U
2462	COMPOSITE	3/8	10.0	LTG (b) (.030)	U	2355	COMPOSITE	5/32	4.0	TPG (s)	U
2464	COMPOSITE	1/2	12.0	LTG (b) (.030)	U	2354	COMPOSITE	3/16	5.0	TPG (s)	U
2240	COMPOSITE	5/16	8.9	LPG (b)(m)(.030)	U	Contour Industries, Inc. ; Surgoinsville, TN					
Cardinal TG ; Tomah, WI						1680	COMPOSITE	1/8	3.0	TTG	18x76
1804	COMPOSITE	1/8	3.0	TTG	U	1678	COMPOSITE	3/16	5.0	TTG	18x76
1805	COMPOSITE	5/32	4.0	TTG	U	1677	COMPOSITE	1/4	6.0	TTG	18x76
1806	COMPOSITE	3/16	5.0	TTG	U	1676	COMPOSITE	1/8	3.0	TPG (s)	18x76
1807	COMPOSITE	1/4	6.0	TTG	U	Coraglass, Inc. ; Tuscaloosa, AL					
Cat i Manufacturing, Inc. ; South Elgin, IL						1910	COMPOSITE	3/16	5.0	TTG	U
2781	COMPOSITE	1/8	3.0	TTG	24x36	1911	COMPOSITE	1/4	6.0	TTG	U
2782	COMPOSITE	5/32	4.0	TTG	24x36	2144	COMPOSITE	3/8	10.0	TTG	U
2783	COMPOSITE	3/16	5.0	TTG	24x36	2145	COMPOSITE	1/2	12.0	TTG	U
2784	COMPOSITE	1/4	6.0	TTG	24x36	2644	COMPOSITE	3/4	19.0	TTG	U
Changshu Da-Yang Special Glass ; Changshu City, China						1964	COMPOSITE	3/16	5.0	TPG (d)	U
2926	COMPOSITE	1/2	12.0	TTG	U	Craftsman Tempered Glass ; Houston, TX					
2927	COMPOSITE	5/8	15.0	TTG	U	2335	COMPOSITE	1/8	3.0	TTG	U
Changshu Hard Glass Co., Ltd. ; Jiangsu, China						2336	COMPOSITE	3/16	5.0	TTG	U
2904	COMPOSITE	1/8	3.0	TTG	U	2337	COMPOSITE	1/4	6.0	TTG	U
Changshu Zhongcheng Bldg. Mat. Co. ; Changshu City, China						2338	COMPOSITE	3/8	10.0	TTG	U
2432	ANSI ONLY	1/8	3.0	TTG	U	2339	COMPOSITE	1/2	12.0	TTG	U
Cheil Glass Industrial Co., Inc. ; Incheon City, Korea						2340	COMPOSITE	3/4	19.0	TTG	U
2279	COMPOSITE	1/8	3.0	TTG	U	2342	COMPOSITE	3/16	5.0	TPG (s)	U
Coastal Glass Distributors ; Charleston, SC						2707	CPSC ONLY	1/4	6.0	LTG (.029)	U
2101	COMPOSITE	1/8	3.0	TTG	U	Desert Glass Products ; N. Las Vegas, NV					
2102	COMPOSITE	5/32	4.0	TTG	U	2791	COMPOSITE	1/8	3.0	TTG	U
2103	COMPOSITE	3/16	5.0	TTG	U	2793	COMPOSITE	5/32	4.0	TTG	U
2104	COMPOSITE	1/4	6.0	TTG	U	2795	COMPOSITE	3/16	5.0	TTG	U
2512	COMPOSITE	3/8	10.0	TTG	U	2797	COMPOSITE	1/4	6.0	TTG	U
2513	COMPOSITE	1/2	12.0	TTG	U	2798	COMPOSITE	3/8	10.0	TTG	U
2107	COMPOSITE	1/8	3.0	TPG (s)	U	2799	COMPOSITE	1/2	12.0	TTG	U
2108	COMPOSITE	5/32	4.0	TPG (d)	U	2800	COMPOSITE	3/4	19.0	TTG	U
2109	COMPOSITE	3/16	5.0	TPG (d)	U	2792	COMPOSITE	1/8	3.0	TPG	U
2562	COMPOSITE	1/4	6.0	TPG (m)	U	2794	COMPOSITE	5/32	4.0	TPG	U
2563	COMPOSITE	3/8	10.0	TPG (s)	U	2796	COMPOSITE	3/16	5.0	TPG	U
2528	COMPOSITE	9/32	7.0	LTG (l) (.030)	U	Dong Sung Glass Co., Ltd. ; Tian Jin, China					
2527	COMPOSITE	1/2	12.0	LTG (l) (.030)	U	2889	ANSI ONLY	1/8	3.2	TTG	U
						2890	ANSI ONLY	3/16	5.0	TTG	U

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Dong Sung Korea, Co., Ltd. ; Inchon, Korea						Gemtron-Sweetwater ; Sweetwater, TN					
2706	ANSI ONLY	1/8	3.0	TTG	U	1334	COMPOSITE	1/8	3.0	TTG	U
2709	COMPOSITE	3/16	5.0	TTG	U	1332	COMPOSITE	5/32	4.0	TTG	U
2771	COMPOSITE	3/16	5.0	TPG	U	1201	COMPOSITE	3/16	5.0	TTG	U
Dongli Tempered Glass Co., Ltd. ; Qinhuangdao, China						1477	COMPOSITE	1/4	6.0	TTG	U
2533	ANSI ONLY	1/8	3.0	TTG	U	1422	COMPOSITE	1/8	3.0	TPG (s)	U
2821	ANSI ONLY	1/4	6.0	LTG	(.015) U	1424	COMPOSITE	5/32	4.0	TPG (s)	U
Downey Glass Industries, LLC ; Pompano Beach, FL						Gemtron-Vincennes #1036419 ; Vincennes, IN					
2660	COMPOSITE	1/8	3.0	TTG	U	2951	COMPOSITE	1/8	3.0	TTG	U
2661	COMPOSITE	3/16	5.0	TTG	U	GGI Glass Distributors Corp. ; Secaucus, NJ					
2662	COMPOSITE	1/4	6.0	TTG	U	2226	COMPOSITE	3/16	5.0	TTG	U
2663	COMPOSITE	3/8	10.0	TTG	U	2227	COMPOSITE	1/4	6.0	TTG	U
2664	COMPOSITE	1/2	12.0	TTG	U	2282	COMPOSITE	3/8	10.0	TTG	U
2665	COMPOSITE	3/4	19.0	TTG	U	2228	COMPOSITE	1/2	12.0	TTG	U
Eckelt Glas GmbH ; Steyr, Austria						Glass Dynamics, Inc. ; Stoneville, NC					
2850	COMPOSITE	1/4	6.0	TTG	U	2728	COMPOSITE	1/8	3.0	TTG	U
2851	COMPOSITE	5/16	8.0	TTG	U	2730	COMPOSITE	3/16	5.0	TTG	U
2852	COMPOSITE	3/8	10.0	TTG	U	2732	COMPOSITE	1/4	6.0	TTG	U
2853	COMPOSITE	1/2	12.0	TTG	U	2729	COMPOSITE	3/8	10.0	TTG	U
2854	COMPOSITE	5/8	15.0	TTG	U	2733	COMPOSITE	1/2	12.0	TTG	U
2855	COMPOSITE	3/4	19.0	TTG	U	2731	COMPOSITE	5/8	15.0	TTG	U
Edge Seal Technologies ; Walton Hills, OH						2734	COMPOSITE	3/4	19.0	TTG	U
2050	COMPOSITE	1/8	3.0	TTG	U	Glass Innovations LLC ; Miami, FL					
2051	COMPOSITE	5/32	4.0	TTG	U	2938	COMPOSITE	1/2	12.0	TTG	U
2052	COMPOSITE	3/16	5.0	TTG	U	Glass South Africa, LTD (Springs Armourplate) ; Springs, Sour					
2055	COMPOSITE	1/4	6.0	TTG	U	2712	COMPOSITE	5/32	4.0	TTG	U
Efco Corp. ; Monett, MO						2767	COMPOSITE	1/4	6.0	TTG	U
1901	COMPOSITE	3/16	5.0	TTG	U	Glass South Africa, LTD, Parow ; Cape Town, South Africa					
1902	COMPOSITE	1/4	6.0	TTG	U	2658	COMPOSITE	1/8	3.0	TTG	34x34
2143	COMPOSITE	3/16	5.0	TPG (s)	U	2421	COMPOSITE	5/32	4.0	TTG	U
Engineered Glass Products, L.L.C. ; Chicago, IL						2422	COMPOSITE	3/16	5.0	TTG	U
2588	ANSI ONLY	1/8	3.0	TTG	16x26	Glass South Africa, LTD, Westmead ; Durban, South Africa					
2589	ANSI ONLY	5/32	4.0	TTG	16x26	2571	COMPOSITE	5/32	4.0	TTG	20x20
2590	ANSI ONLY	3/16	5.0	TTG	16x26	Glass, Inc. ; Englewood, CO					
2698	ANSI ONLY	15/64	6.0	TTG	17x30	2185	COMPOSITE	1/8	3.0	TTG	U
2602	ANSI ONLY	3/8	10.0	TTG	17x30	2186	COMPOSITE	3/16	5.0	TTG	U
FLT Glass ; Miami, FL						2187	COMPOSITE	1/4	6.0	TTG	U
2669	COMPOSITE	1/8	3.0	TTG	U	2188	COMPOSITE	3/8	10.0	TTG	U
2670	COMPOSITE	3/16	5.0	TTG	U	2189	COMPOSITE	1/2	12.0	TTG	U
2671	COMPOSITE	1/4	6.0	TTG	U	2190	COMPOSITE	3/4	19.0	TTG	U
2672	COMPOSITE	3/8	10.0	TTG	U	2193	COMPOSITE	3/16	5.0	TPG (s)	U
2673	COMPOSITE	1/2	12.0	TTG	U	Glass-Tex Industries ; Magnolia, TX					
FTG of NC, LLC ; Kernersville, NC						2617	COMPOSITE	1/8	3.0	TTG	U
2551	COMPOSITE	1/8	3.0	TTG	U	2618	COMPOSITE	3/16	5.0	TTG	U
2553	COMPOSITE	3/16	5.0	TTG	U	2619	COMPOSITE	1/4	6.0	TTG	U
2554	COMPOSITE	1/4	6.0	TTG	U	2620	COMPOSITE	3/8	10.0	TTG	U
2556	COMPOSITE	3/8	10.0	TTG	U	2621	COMPOSITE	1/2	12.0	TTG	U
2557	COMPOSITE	1/2	12.0	TTG	(IN) U	2622	ANSI ONLY	1/8	3.0	TPG (s)	U
2560	COMPOSITE	3/16	5.0	TPG (s)	U	2623	ANSI ONLY	3/16	5.0	TPG (s)	U
Galaxy Glass Corp., Inc. ; Fairfield, NJ						Goldray Industries Ltd. ; Calgary, AB Canada					
2419	COMPOSITE	5/16	8.0	LTG (I)	(.060) U	2444	COMPOSITE	1/8	3.0	TTG	U
2764	COMPOSITE	7/16	11.0	LPG (s)	(.060) U	2445	COMPOSITE	5/32	4.0	TTG	U
						2446	COMPOSITE	3/16	5.0	TTG	U
						2447	COMPOSITE	1/4	6.0	TTG	U
						2448	COMPOSITE	3/8	10.0	TTG	U
						2449	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
Guardian Fabrication Inc. ; Millbury, OH						Guardian Industries Corp. ; Ft. Lauderdale, FL					
2616	ANSI ONLY	1/8	3.0	TTG	U	1161	ANSI ONLY	1/8	3.0	TTG	U
1575	ANSI ONLY	5/32	4.0	TTG	U	633	ANSI ONLY	3/16	5.0	TTG	U
1576	ANSI ONLY	3/16	5.0	TTG	U	40	ANSI ONLY	1/4	6.0	TTG	U
1577	ANSI ONLY	1/4	6.0	TTG	U	2525	ANSI ONLY	3/8	10.0	TTG	U
Guardian Fabrication Inc. ; Webster, MA						2526	ANSI ONLY	1/2	12.0	TTG	U
300	ANSI ONLY	1/8	3.0	TTG	U	1665	ANSI ONLY	1/8	3.0	TPG (s)	U
1607	ANSI ONLY	5/32	4.0	TTG	U	1318	ANSI ONLY	3/16	5.0	TPG (s)	U
1216	ANSI ONLY	3/16	5.0	TTG	U	Guardian Industries Corp. ; Geneva, NY					
662	ANSI ONLY	1/4	6.0	TTG	U	2259	ANSI ONLY	1/8	3.0	TTG	U
471	ANSI ONLY	3/8	10.0	TTG	U	2260	ANSI ONLY	5/32	4.0	TTG	U
1235	ANSI ONLY	1/2	12.0	TTG	U	2261	ANSI ONLY	3/16	5.0	TTG	U
2450	ANSI ONLY	1/8	3.0	TPG (m)	U	2262	ANSI ONLY	1/4	6.0	TTG	U
2451	ANSI ONLY	5/32	4.0	TPG (m)	U	2519	ANSI ONLY	3/8	10.0	TTG	U
2603	ANSI ONLY	3/16	5.0	TPG (m)	U	Guardian Industries Corp. ; Kingsburg, CA					
Guardian Glass of Rogers Corp. ; Rogers, AR						968	ANSI ONLY	1/8	3.0	TTG	U
1355	ANSI ONLY	1/8	3.0	TTG	U	969	ANSI ONLY	5/32	4.0	TTG	U
1616	ANSI ONLY	5/32	4.0	TTG	U	970	ANSI ONLY	3/16	5.0	TTG	U
1356	ANSI ONLY	3/16	5.0	TTG	U	971	ANSI ONLY	1/4	6.0	TTG	U
1357	ANSI ONLY	1/4	6.0	TTG	U	1303	ANSI ONLY	1/8	3.0	TPG (d)	U
1358	ANSI ONLY	1/8	3.0	TPG (s)	U	1301	ANSI ONLY	5/32	4.0	TPG (m)	U
1359	ANSI ONLY	5/32	4.0	TPG (s)	U	1304	ANSI ONLY	3/16	5.0	TPG (m)	U
Guardian Industries Canada Corp. ; Tilsonburg, ON Canada						1882	ANSI ONLY	1/4	6.0	TPG (m)	U
1462	ANSI ONLY	1/8	3.0	TTG	U	Guardian Industries Corp. ; Rexdale, ON Canada					
Guardian Industries Corp. ; Carleton, MI						2801	ANSI ONLY	1/8	3.0	TTG	U
933	ANSI ONLY	1/8	3.0	TTG	U	2802	ANSI ONLY	5/32	4.0	TTG	U
934	ANSI ONLY	5/32	4.0	TTG	U	2803	ANSI ONLY	3/16	5.0	TTG	U
631	ANSI ONLY	3/16	5.0	TTG	U	2804	ANSI ONLY	1/4	6.0	TTG	U
131	ANSI ONLY	1/4	6.0	TTG	U	2805	ANSI ONLY	3/8	10.0	TTG	U
Guardian Industries Corp. ; Corsicana, TX						2806	ANSI ONLY	1/2	12.0	TTG	U
1248	ANSI ONLY	1/8	3.0	TTG	U	2808	ANSI ONLY	5/32	4.0	LTG (.025)	U
1249	ANSI ONLY	5/32	4.0	TTG	U	2809	ANSI ONLY	7/32	5.6	LTG (.042)	U
1250	ANSI ONLY	3/16	5.0	TTG	U	2810	ANSI ONLY	1/4	6.4	LTG (.065)	U
1251	ANSI ONLY	1/4	6.0	TTG	U	2811	ANSI ONLY	5/16	8.0	LTG (.020)	U
1826	ANSI ONLY	5/16	8.0	TTG	U	2812	ANSI ONLY	3/8	10.0	LTG (.0115)	U
1253	ANSI ONLY	3/8	10.0	TTG	U	2813	ANSI ONLY	1/2	12.0	LTG (.023)	U
1803	ANSI ONLY	1/2	12.0	TTG	U	Guardian Industries Corp. ; Richburg, SC					
2458	ANSI ONLY	1/8	3.0	TPG (m)	U	1630	ANSI ONLY	1/8	3.0	TTG	U
2459	ANSI ONLY	5/32	4.0	TPG (m)	U	1631	ANSI ONLY	5/32	4.0	TTG	U
2460	ANSI ONLY	3/16	5.0	TPG (m)	U	1632	ANSI ONLY	3/16	5.0	TTG	U
Guardian Industries Corp. ; Dewitt, IA						1633	ANSI ONLY	1/4	6.0	TTG	U
2020	ANSI ONLY	1/8	3.0	TTG	U	2382	ANSI ONLY	5/16	8.0	TTG	U
2021	ANSI ONLY	5/32	4.0	TTG	U	1634	ANSI ONLY	3/8	10.0	TTG	U
2022	ANSI ONLY	3/16	5.0	TTG	U	1683	ANSI ONLY	1/8	3.0	TPG (m)	U
2023	ANSI ONLY	1/4	6.0	TTG	U	1635	ANSI ONLY	5/32	4.0	TPG (m)	U
2024	ANSI ONLY	5/16	8.0	TTG	U	1865	ANSI ONLY	3/16	5.0	TPG (m)	U
2545	ANSI ONLY	3/8	10.0	TTG	U	Guardian Walled Lake Fab. ; Walled Lake, MI					
2649	ANSI ONLY	1/2	12.0	TTG	U	2566	ANSI ONLY	1/8	3.0	TTG	U
2667	ANSI ONLY	5/32	4.0	TPG (s)	U	2567	ANSI ONLY	5/32	4.0	TTG	U
2668	ANSI ONLY	3/16	5.0	TPG (s)	U	2141	ANSI ONLY	3/16	5.0	TTG	U
						2142	ANSI ONLY	1/4	6.0	TTG	U
						2697	ANSI ONLY	5/16	8.0	TTG	U
						Haida Safety Glass Ltd. ; Wuxi City PR, China					
						2932	COMPOSITE	5/32	4.0	TTG	U
						2933	COMPOSITE	3/16	5.0	TTG	U
						2934	COMPOSITE	1/4	6.0	TTG	U
						2935	COMPOSITE	5/16	8.0	TTG	U
						2936	COMPOSITE	3/8	10.0	TTG	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Jiangyin Jingcheng High Quality Glass ; Jiangyin City, China						Oldcastle Glass Indianapolis ; Indianapolis, IN					
2814	COMPOSITE	1/8	3.0	TTG	U	2210	COMPOSITE	1/8	3.0	TTG	U
2856	COMPOSITE	1/4	6.0	TTG	U	2216	COMPOSITE	5/32	4.0	TTG	U
2897	CPSC ONLY	3/8	10.0	TTG	U	2211	COMPOSITE	3/16	5.0	TTG	U
Kohler Company ; Union City, TN						2212	COMPOSITE	1/4	6.0	TTG	U
1979	COMPOSITE	1/8	3.0	TTG	U	2213	COMPOSITE	3/8	10.0	TTG	U
1980	COMPOSITE	5/32	4.0	TTG	U	2214	COMPOSITE	1/2	12.0	TTG	U
1981	COMPOSITE	3/16	5.0	TTG	U	2215	COMPOSITE	3/16	5.0	TPG (s)	U
1982	COMPOSITE	1/4	6.0	TTG	U	Oldcastle Glass Los Angeles ; Los Angeles, CA					
2434	COMPOSITE	3/8	10.0	TTG (IN)	U	1608	COMPOSITE	1/8	3.0	TTG	U
1983	COMPOSITE	1/8	3.0	TPG (s)	U	1609	COMPOSITE	5/32	4.0	TTG	U
1984	COMPOSITE	3/16	5.0	TPG (s)	U	630	COMPOSITE	3/16	5.0	TTG	U
2918	COMPOSITE	1/4	6.0	TPG	U	514	COMPOSITE	1/4	6.0	TTG	U
Laurier Glass Ltd. ; Quebec, Canada						515	COMPOSITE	3/8	10.0	TTG	U
2721	COMPOSITE	3/8	10.0	TTG	U	516	COMPOSITE	1/2	12.0	TTG	U
2720	COMPOSITE	1/2	12.0	TTG	U	2074	COMPOSITE	3/4	19.0	TTG	U
2722	COMPOSITE	3/4	19.0	TTG	U	1611	COMPOSITE	1/8	3.0	TPG (m)	U
Mid Ohio Tempering ; Columbus, OH						2075	COMPOSITE	5/32	4.0	TPG (s)	U
2491	COMPOSITE	1/8	3.0	TTG	U	935	COMPOSITE	3/16	5.0	TPG (s)	U
2766	COMPOSITE	3/16	5.0	TTG	U	678	COMPOSITE	7/32	5.5	TPG (s)	U
2157	COMPOSITE	1/4	6.0	TTG	U	Oldcastle Glass Montreal ; Quebec, Canada					
2158	COMPOSITE	3/8	10.0	TTG	U	1996	COMPOSITE	1/8	3.0	TTG	U
2159	COMPOSITE	1/2	12.0	TTG	U	2883	COMPOSITE	5/32	4.0	TTG	U
Milgard Tempering ; Dixon, CA						1997	COMPOSITE	3/16	5.0	TTG	U
2842	COMPOSITE	1/4	6.0	TTG	U	2543	COMPOSITE	1/4	6.0	TTG	U
Milgard Tempering, Inc. ; Tacoma, WA						2884	COMPOSITE	5/16	8.0	TTG	U
1578	COMPOSITE	1/4	6.0	TTG	U	2544	COMPOSITE	3/8	10.0	TTG	U
Mirror Factory ; Plymouth, MN						2062	COMPOSITE	1/2	12.0	TTG	U
1915	COMPOSITE	7/32	5.6	LTG (b) (.030)	U	2063	COMPOSITE	5/8	15.0	TTG	U
Multiver ; Vanier, QC Canada						2885	COMPOSITE	3/4	19.0	TTG	U
2498	COMPOSITE	1/8	3.0	TTG	U	Oldcastle Glass New York ; Hauppauge, NY					
2629	COMPOSITE	5/32	4.0	TTG	U	1546	COMPOSITE	1/8	3.0	TTG	U
2630	COMPOSITE	3/16	5.0	TTG	U	1547	COMPOSITE	3/16	5.0	TTG	U
2499	COMPOSITE	1/4	6.0	TTG	U	1548	COMPOSITE	1/4	6.0	TTG	U
Nashville Tempered Glass Corp. ; Nashville, TN						1549	COMPOSITE	3/8	10.0	TTG	U
1416	COMPOSITE	1/8	3.0	TTG	U	1550	COMPOSITE	1/2	12.0	TTG	U
2497	COMPOSITE	5/32	4.0	TTG	U	1551	COMPOSITE	3/4	19.0	TTG	U
1467	COMPOSITE	3/16	5.0	TTG	U	Oldcastle Glass Telford ; Telford, PA					
1417	COMPOSITE	1/4	6.0	TTG	U	2014	COMPOSITE	3/16	5.0	TTG	U
2494	COMPOSITE	3/8	10.0	TTG	U	1879	COMPOSITE	1/4	6.0	TTG	U
2420	COMPOSITE	1/8	3.0	TPG (s)	U	1880	COMPOSITE	3/8	10.0	TTG	U
2417	COMPOSITE	3/16	5.0	TPG (d)	U	1881	COMPOSITE	1/2	12.0	TTG	U
Nashville Tempered Glass L.L.C. ; Hendersonville, TN						2930	COMPOSITE	1/8	3.0	LTG (.030)	U
2691	ANSI ONLY	5/32	4.0	TTG	U	1652	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2692	ANSI ONLY	3/16	5.0	TTG	U	Patio Enclosures, Inc. ; Macedonia, OH					
2693	ANSI ONLY	1/4	6.0	TTG	U	2056	COMPOSITE	1/8	3.0	TTG	U
2694	ANSI ONLY	3/8	10.0	TTG	U	2057	COMPOSITE	5/32	4.0	TTG	U
Oldcastle Glass Bensenville ; Bensenville, IL						2058	COMPOSITE	3/16	5.0	TTG	U
1382	COMPOSITE	1/4	6.0	TTG	U	2059	COMPOSITE	1/4	6.0	TTG	U
1383	COMPOSITE	3/8	10.0	TTG	U	PDC Glass & Metal Services ; Cheswick, PA					
1384	COMPOSITE	1/2	12.0	TTG	U	1784	COMPOSITE	1/8	3.0	TTG	U
2308	COMPOSITE	1/4	6.0	TBG	U	1785	COMPOSITE	3/16	5.0	TTG	U
1536	COMPOSITE	3/8	10.0	TBG	U	1786	COMPOSITE	1/4	6.0	TTG	U
2053	COMPOSITE	1/2	12.0	TBG	U	1787	COMPOSITE	3/8	10.0	TTG	U
						1788	COMPOSITE	1/2	12.0	TTG	U
						1789	COMPOSITE	1/8	3.0	TPG (s)	U
						1790	COMPOSITE	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
PDC Glass of Michigan Inc. ; Plymouth, MI						Republic Windows & Doors, Inc. ; Chicago, IL					
2217	COMPOSITE	1/8	3.0	TTG	U	2274	COMPOSITE	1/8	3.0	TTG	U
2695	COMPOSITE	5/32	4.0	TTG	16x30	2744	COMPOSITE	3/16	5.0	TTG	U
2218	COMPOSITE	3/16	5.0	TTG	U	2745	COMPOSITE	1/4	6.0	TTG	U
2219	COMPOSITE	1/4	6.0	TTG	U	2454	COMPOSITE	1/8	3.0	TPG (s)	U
2229	COMPOSITE	3/8	10.0	TTG	U	Saint-Gobain Glass Mexico S.A. de C.V. ; Morelos, Mexico					
2220	COMPOSITE	1/2	12.0	TTG	U	2269	ANSI ONLY	1/4	6.0	LTG (b) (.015)	U
2222	COMPOSITE	3/4	19.0	TTG	U	2743	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2223	COMPOSITE	1/8	3.0	TPG (s)	U	2333	COMPOSITE	1/4	6.0	LTG (b) (.076)	U
2939	COMPOSITE	5/32	4.0	TPG (m)	U	2332	COMPOSITE	5/16	8.0	LTG (b) (.076)	U
2224	COMPOSITE	3/16	5.0	TPG (s)	U	2268	ANSI ONLY	5/16	8.0	LTG (b) (.015)	U
PGT Industries ; Nokomis, FL						2267	ANSI ONLY	3/8	10.0	LTG (b) (.015)	U
2389	COMPOSITE	1/8	3.0	TTG	U	2265	ANSI ONLY	1/2	12.0	LTG (b) (.030)	U
2390	COMPOSITE	3/16	5.0	TTG	U	Shanghai Yaohua Pilkington Glass Co. ; Shanghai, China					
2391	COMPOSITE	1/4	6.0	TTG	U	2778	COMPOSITE	5/32	4.0	TTG	U
2425	COMPOSITE	3/8	10.0	TTG	U	2777	COMPOSITE	3/16	5.0	TTG	U
2427	COMPOSITE	1/2	12.0	TTG	U	2761	COMPOSITE	1/4	6.0	TTG	U
2426	COMPOSITE	5/16	8.0	LTG (b) (.090)	U	2762	COMPOSITE	5/16	8.0	TTG	U
2429	COMPOSITE	3/8	10.0	LTG (b) (.090)	U	2696	COMPOSITE	3/8	10.0	TTG	U
2428	COMPOSITE	1/2	12.0	LTG (b) (.090)	U	2763	COMPOSITE	1/2	12.0	TTG	U
PPG Inds., Inc. ; Burlington, IA						2786	COMPOSITE	5/8	15.0	TTG	U
1605	COMPOSITE	1/8	3.0	TTG	U	2779	COMPOSITE	1/4	6.0	LTG (.031)	U
1606	COMPOSITE	5/32	4.0	TTG	U	2780	COMPOSITE	7/16	11.0	LTG (.031)	U
1603	COMPOSITE	3/16	5.0	TTG	U	2843	COMPOSITE	1/2	12.0	LTG (.038)	U
1604	COMPOSITE	1/4	6.0	TTG	U	2845	COMPOSITE	5/8	15.0	LTG (.038)	U
PPG Inds., Inc. ; Carlisle, PA						2844	COMPOSITE	3/4	19.0	LTG (.076)	U
250	COMPOSITE	1/8	3.0	TTG	U	Shaw Glass Co. ; S. Easton, MA					
675	COMPOSITE	5/32	4.0	TTG	U	1871	COMPOSITE	3/16	5.0	TTG	U
249	COMPOSITE	3/16	5.0	TTG	U	1035	COMPOSITE	1/4	6.0	TTG	U
382	ANSI ONLY	1/4	6.0	TTG	U	1036	COMPOSITE	3/8	10.0	TTG	U
PPG Inds., Inc. ; Fresno, CA						1037	COMPOSITE	1/2	12.0	TTG	U
295	COMPOSITE	1/8	3.0	TTG	U	1939	COMPOSITE	3/16	5.0	TPG (s)	U
676	COMPOSITE	5/32	4.0	TTG	U	SIGCO, Inc. ; Portland, ME					
64	COMPOSITE	3/16	5.0	TTG	U	2961	COMPOSITE	1/8	3.0	TTG	U
PPG Inds., Inc. ; Wichita Falls, TX						2962	COMPOSITE	5/32	4.0	TTG	U
1110	COMPOSITE	1/8	3.0	TTG	U	2963	COMPOSITE	3/16	5.0	TTG	U
1111	COMPOSITE	5/32	4.0	TTG	U	2964	COMPOSITE	1/4	6.0	TTG	U
1112	COMPOSITE	3/16	5.0	TTG	U	2965	COMPOSITE	3/8	10.0	TTG	U
1113	ANSI ONLY	1/4	6.0	TTG	U	2966	COMPOSITE	1/2	12.0	TTG	U
Prelco, Inc. ; Riviere-du-Loup, QC Canada						2967	COMPOSITE	5/32	4.0	TPG (s)	U
2034	COMPOSITE	1/8	3.0	TTG	U	Simonton Windows ; Pennsboro, WV					
2035	COMPOSITE	5/32	4.0	TTG	U	2887	COMPOSITE	1/8	3.0	TTG	U
2713	COMPOSITE	3/16	5.0	TTG	U	2888	COMPOSITE	3/16	5.0	TTG	U
2015	COMPOSITE	1/4	6.0	TTG	U	Societe Verriere De L'Atlantique ; Trelaze, France					
2751	COMPOSITE	5/16	8.0	TTG	U	2877	COMPOSITE	1/4	6.0	TTG (IN)	U
2381	COMPOSITE	3/8	10.0	TTG	U	2747	COMPOSITE	3/8	10.0	TTG (IN)	U
2048	COMPOSITE	1/2	12.0	TTG	U	Sovis North America, Inc. ; Madison, GA					
2037	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	2352	COMPOSITE	3/16	5.0	TTG	U
PT Surya Adhitia Fortuna Glass ; Jakarta, Indonesia						2353	COMPOSITE	1/4	6.0	TTG	U
2752	COMPOSITE	3/16	5.0	TTG	U	2453	COMPOSITE	3/8	10.0	TTG	U
Qinhuangdao Topgem Glass Co., Ltd. ; Qinhuangdao, China						2727	COMPOSITE	1/8	3.0	TBG	U
2949	COMPOSITE	1/8	3.0	TTG	U	2305	COMPOSITE	5/32	4.0	TBG	U
						2306	COMPOSITE	3/16	5.0	TBG	U
						2307	COMPOSITE	1/4	6.0	TBG	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Sovis North America, Inc. ; Thierry, France						Tempered Glass, Inc. ; Austell, GA					
2769	COMPOSITE	1/8	3.0	TTG (IN)	U	862	COMPOSITE	3/16	5.0	TTG	U
2248	COMPOSITE	1/4	6.0	TTG	U	863	COMPOSITE	1/4	6.0	TTG	U
1992	COMPOSITE	5/32	4.0	TBG (IN)	U	865	COMPOSITE	3/8	10.0	TTG	U
2770	COMPOSITE	3/16	5.0	TBG	U	866	COMPOSITE	1/2	12.0	TTG	U
1864	COMPOSITE	1/4	6.0	TBG	U	Traco (Three Rivers Alum) ; Cranberry Township, PA					
Specialty Building Products ; New Westminster, BC Canada						2488	COMPOSITE	1/8	3.0	TTG	U
2121	COMPOSITE	1/8	3.0	TTG	22x64	2489	COMPOSITE	3/16	5.0	TTG	U
2504	COMPOSITE	5/32	4.0	TTG	22x64	2490	COMPOSITE	1/4	6.0	TTG	U
2309	COMPOSITE	3/16	5.0	TTG	22x64	2678	COMPOSITE	5/16	8.0	TTG	U
Spec-Temp, Inc. ; Antwerp, OH						2714	COMPOSITE	1/4	6.0	LTG	(.31) U
2684	COMPOSITE	1/8	3.0	TTG	U	2715	COMPOSITE	5/16	8.0	LTG	(.61) U
2685	COMPOSITE	5/32	4.0	TTG	U	2716	COMPOSITE	3/8	10.0	LTG	(.30) U
2686	COMPOSITE	3/16	5.0	TTG	U	2717	COMPOSITE	7/16	11.0	LTG	(.31) U
2687	COMPOSITE	1/4	6.0	TTG	U	2718	COMPOSITE	1/2	12.0	LTG	(.059) U
2688	COMPOSITE	3/8	10.0	TTG	U	2719	COMPOSITE	9/16	14.0	LTG	(.032) U
2689	COMPOSITE	1/2	12.0	TTG	U	Traco (Three Rivers Alum) ; Red Oak, IA					
Swift Glass Co., Inc. ; Elmira Heights, NY						1308	COMPOSITE	1/8	3.0	TTG	U
1555	COMPOSITE	1/8	3.0	TTG	U	1310	COMPOSITE	3/16	5.0	TTG	U
1556	COMPOSITE	3/16	5.0	TTG	U	1311	COMPOSITE	1/4	6.0	TTG	U
1557	COMPOSITE	1/4	6.0	TTG	U	Triple Seal Ltd. ; Toronto, ON Canada					
1558	COMPOSITE	3/8	10.0	TTG	U	2481	COMPOSITE	1/8	3.0	TTG	U
1559	COMPOSITE	1/2	12.0	TTG	U	2482	COMPOSITE	5/32	4.0	TTG	U
Syracuse Glass Company ; Syracuse, NY						2483	COMPOSITE	3/16	5.0	TTG	U
2654	COMPOSITE	1/8	3.0	TTG	U	2484	COMPOSITE	1/4	6.0	TTG	U
2656	COMPOSITE	1/4	6.0	TTG	U	United Plate Glass Co., Inc. ; Butler, PA					
2657	COMPOSITE	1/2	12.0	TTG	U	2467	COMPOSITE	1/8	3.0	TTG	U
Techni-Glass, Inc. ; Surgoinsville, TN						2468	COMPOSITE	3/16	5.0	TTG	U
2547	COMPOSITE	1/8	3.0	TTG	U	2469	COMPOSITE	1/4	6.0	TTG	U
2548	COMPOSITE	5/32	4.0	TTG	U	2470	COMPOSITE	3/8	10.0	TTG	U
2549	COMPOSITE	3/16	5.0	TTG	U	2471	COMPOSITE	1/2	12.0	TTG	U
2550	COMPOSITE	3/16	5.0	TPG	U	2472	COMPOSITE	3/4	19.0	TTG	U
Tecnoglass S.A. ; Barranquilla, Colombia						2473	COMPOSITE	1/8	3.0	TPG (d)	U
2133	COMPOSITE	1/8	3.0	TTG	U	2683	COMPOSITE	5/32	4.0	TPG	U
2287	COMPOSITE	5/32	4.0	TTG	U	2474	COMPOSITE	3/16	5.0	TPG (d)	U
1993	COMPOSITE	3/16	5.0	TTG	U	2475	COMPOSITE	1/4	6.0	TPG (m)	U
1994	COMPOSITE	1/4	6.0	TTG	U	Unitex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, P.R.C. China					
2134	COMPOSITE	5/16	8.0	TTG	U	2572	COMPOSITE	1/8	3.0	TTG	U
1995	COMPOSITE	3/8	10.0	TTG	U	2573	COMPOSITE	5/32	4.0	TTG	U
2135	COMPOSITE	1/2	12.0	TTG	U	2574	COMPOSITE	3/16	5.0	TTG	U
2385	COMPOSITE	5/8	15.0	TTG	U	2575	COMPOSITE	1/4	6.0	TTG	U
2894	COMPOSITE	3/4	19.0	TTG	U	2576	COMPOSITE	3/8	10.0	TTG	U
2625	COMPOSITE	5/16	8.0	LTG (b) (.030)	U	2577	COMPOSITE	1/2	12.0	TTG	U
2601	COMPOSITE	5/16	8.0	LTG (b) (.060)	U	Vetzeria Valentini S.R.L. ; Brescia, Italy					
2626	COMPOSITE	3/8	10.0	LTG (b) (.030)	U	2423	ANSI ONLY	5/32	4.0	TTG	U
2465	COMPOSITE	7/16	11.0	LTG (b) (.060)	U	2424	ANSI ONLY	5/32	4.0	TBG	U
2827	COMPOSITE	1/2	12.0	LTG (b) (.030)	U	2898	ANSI ONLY	1/4	6.0	TBG	U
TemperBent Glass, LP ; Alsip, IL						Vidrieria Argentina, S.A. ; Buenos Aires, Argentina					
2679	COMPOSITE	1/8	3.0	TTG (IN)	U	2725	COMPOSITE	7/32	5.0	LTG (.030)	U
2680	COMPOSITE	5/32	4.0	TTG (IN)	U	2724	COMPOSITE	1/4	6.0	LTG (.030)	U
2681	COMPOSITE	3/16	5.0	TTG	U	2723	COMPOSITE	3/8	10.0	LTG (.030)	U
2682	COMPOSITE	1/4	6.0	TTG	U	Vidrios Lirquen S.A. ; Penco, Concepcion, Chili					
1563	COMPOSITE	5/32	4.0	TBG	U	2585	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1564	COMPOSITE	3/16	5.0	TBG	U	2586	COMPOSITE	7/16	11.0	LTG (b) (.030)	U
1565	COMPOSITE	1/4	6.0	TBG	U	2587	COMPOSITE	1/2	12.0	LTG (b) (.030)	U

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SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Viracon, Inc. ; Owatonna, MN											
1403	COMPOSITE	3/16	5.0	TTG	U						
1404	COMPOSITE	1/4	6.0	TTG	U						
1508	COMPOSITE	3/8	10.0	TTG	U						
1509	COMPOSITE	1/2	12.0	TTG	U						
1637	COMPOSITE	3/16	4.8	LTG (b) (.030)	U						
Viracon, Inc. ; Statesboro, GA											
2314	COMPOSITE	3/16	5.0	TTG	U						
2310	COMPOSITE	1/4	6.0	TTG	U						
2311	COMPOSITE	3/8	10.0	TTG	U						
2364	COMPOSITE	1/4	6.0	LTG (b) (.030)	U						
Virginia Glass Products Corp. ; Martinsville, VA											
2302	COMPOSITE	1/8	3.0	TTG	U						
12	COMPOSITE	3/16	5.0	TTG	U						
14	COMPOSITE	1/4	6.0	TTG	U						
93	COMPOSITE	3/8	10.0	TTG	U						
94	COMPOSITE	1/2	12.0	TTG	U						
2182	COMPOSITE	5/8	15.0	TTG	U						
95	COMPOSITE	3/4	19.0	TTG	U						
Westshore Glass ; Tampa, FL											
2492	COMPOSITE	1/8	3.0	TTG	U						
1971	COMPOSITE	5/32	4.0	TTG	U						
1972	COMPOSITE	3/16	5.0	TTG	U						
1973	COMPOSITE	1/4	6.0	TTG	U						
1978	COMPOSITE	3/8	10.0	TTG	U						
1974	COMPOSITE	1/2	12.0	TTG	U						

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)

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<u>Tempered Transparent Glass</u>					
<i>1/8 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1919	COMPOSITE	900	U
ACI Distribution	Oceanside, CA	2822	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	2648	COMPOSITE	300	U
ACI Distribution	Stockton, CA	2604	COMPOSITE	125	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	Greenland, TN	598	COMPOSITE	300	U
AFG Inds., Inc.-TN	Kingsport, TN	1390	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	Opelousas, LA	2899	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.	Hebron, OH	2196	COMPOSITE	200	U
American Flat Glass Dist.	Richmond, VA	2521	COMPOSITE	100	U
American Flat Glass Dist.	Alvarado, TX	1708	COMPOSITE	550	U
American Flat Glass Dist.	Marietta, GA	1405	COMPOSITE	300	U
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE	125	U
Anthony International	San Fernando, CA	520	ANSI ONLY	250	U
Binswanger Mirror	Grenada, MS	2787	COMPOSITE	500	U
Bronco Industries, Inc.	Delta, BC Canada	2242	ANSI ONLY	750	U
Cardinal CG	Galt, CA	2357	COMPOSITE	125	U
Cardinal CG	Northfield, MN	1985	CPSC ONLY	150	U
Cardinal CG	Waxahachie, TX	2699	COMPOSITE	550	U
Cardinal CG	Casa Grande, AZ	2878	CPSC ONLY	250	U
Cardinal CG	Tumwater, WA	2007	CPSC ONLY	750	U
Cardinal CG	Buford, GA	1921	COMPOSITE	300	U
Cardinal CG	Moreno Valley, CA	2293	CPSC ONLY	250	U
Cardinal CG	Spring Green, WI	2067	CPSC ONLY	500	U
Cardinal FG	Durant, OK	2909	COMPOSITE	900	U
Cardinal IG	Greenfield, IA	1827	CPSC ONLY	500	U
Cardinal IG	Spring Green, WI	1831	COMPOSITE	500	U
Cardinal IG	Hood River, OR	2831	CPSC ONLY	750	U
Cardinal IG	Vinton, VA	2919	COMPOSITE	100	U
Cardinal IG	Waxahachie, TX	2328	CPSC ONLY	550	U
Cardinal IG	Fargo, ND	2235	COMPOSITE	150	U
Cardinal IG	Fremont, IN	2176	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2317	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1804	COMPOSITE	500	U
Cat i Manufacturing, Inc.	South Elgin, IL	2781	COMPOSITE	500	24x36
Changshu Hard Glass Co., Ltd.	Jiangsu, China	2904	COMPOSITE	125	U
Changshu Zhongcheng Bldg. Mat. Co.	Changshu City, China	2432	ANSI ONLY	750	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	285	U
Contour Industries, Inc.	Surgoinsville, TN	1680	COMPOSITE	300	18x76
Craftsman Tempered Glass	Houston, TX	2335	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2791	COMPOSITE	125	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/8 Inch Tempered Transparent Glass</i>					
Dong Sung Korea, Co., Ltd.	Inchon, Korea	2706	ANSI ONLY	250	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
FLT Glass	Miami, FL	2669	COMPOSITE	285	U
FTG of NC, LLC	Kernersville, NC	2551	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1334	COMPOSITE	285	U
Gemtron-Vincennes #1036419	Vincennes, IN	2951	COMPOSITE	200	U
Glass Dynamics, Inc.	Stoneville, NC	2728	COMPOSITE	285	U
Glass South Africa, LTD, Parow	Cape Town, South Africa	2658	COMPOSITE	285	34x34
Glass, Inc.	Englewood, CO	2185	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2617	COMPOSITE	550	U
Goldray Industries Ltd.	Calgary, AB Canada	2444	COMPOSITE	750	U
Guardian Fabrication Inc.	Millbury, OH	2616	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	300	ANSI ONLY	100	U
Guardian Glass of Rogers Corp.	Rogers, AR	1355	ANSI ONLY	900	U
Guardian Industries Canada Corp.	Tilsonburg, ON Canada	1462	ANSI ONLY	400	U
Guardian Industries Corp.	Carleton, MI	933	ANSI ONLY	200	U
Guardian Industries Corp.	Ft. Lauderdale, FL	1161	ANSI ONLY	285	U
Guardian Industries Corp.	Kingsburg, CA	968	ANSI ONLY	125	U
Guardian Industries Corp.	Dewitt, IA	2020	ANSI ONLY	500	U
Guardian Industries Corp.	Rexdale, ON Canada	2801	ANSI ONLY	400	U
Guardian Industries Corp.	Geneva, NY	2259	ANSI ONLY	400	U
Guardian Industries Corp.	Corsicana, TX	1248	ANSI ONLY	550	U
Guardian Industries Corp.	Richburg, SC	1630	ANSI ONLY	300	U
Guardian Walled Lake Fab.	Walled Lake, MI	2566	ANSI ONLY	200	U
Jiangyin Jingcheng High Quality Glass	Jiangyin City, China	2814	COMPOSITE	285	U
Kohler Company	Union City, TN	1979	COMPOSITE	550	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 Montreal	Quebec, Canada	1996	COMPOSITE	400	U
Oldcastle Glass New York	Hauppauge, NY	1546	COMPOSITE	400	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	200	U
PGT Industries	Nokomis, FL	2389	COMPOSITE	285	U
PPG Inds., Inc.	Burlington, IA	1605	COMPOSITE	500	U
PPG Inds., Inc.	Fresno, CA	295	COMPOSITE	125	U
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	550	U
PPG Inds., Inc.	Carlisle, PA	250	COMPOSITE	400	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2034	COMPOSITE	100	U
Qinhuangdao Topgem Glass Co., Ltd.	Qinhuangdao, China	2949	COMPOSITE	125	U
Republic Windows & Doors, Inc.	Chicago, IL	2274	COMPOSITE	500	U
SIGCO, Inc.	Portland, ME	2961	COMPOSITE	100	U
Simonton Windows	Pennsboro, WV	2887	COMPOSITE	100	U
Sovis North America, Inc.	Thierry, France	2769	COMPOSITE	400	U
Specialty Building Products	New Westminster, BC Canada	2121	COMPOSITE	750	22x64
Spec-Temp, Inc.	Antwerp, OH	2684	COMPOSITE	500	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/8 Inch Tempered Transparent Glass</i>					
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE	400	U
Syracuse Glass Company	Syracuse, NY	2654	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)	Cranberry Township, PA	2488	COMPOSITE	100	U
Traco (Three Rivers Alum)	Red Oak, IA	1308	COMPOSITE	150	U
Triple Seal Ltd.	Toronto, ON Canada	2481	COMPOSITE	275	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	100	U
Westshore Glass	Tampa, FL	2492	COMPOSITE	285	U
<i>1/8 Inch Tempered Transparent Glass</i>					
Dong Sung Glass Co., Ltd.	Tian Jin, China	2889	ANSI ONLY	250	U
<i>5/32 Inch Tempered Transparent Glass</i>					
ACI Distribution	Stockton, CA	2605	COMPOSITE	125	U
ACI Distribution	Oceanside, CA	2823	COMPOSITE	250	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	285	U
American Flat Glass Dist.	Richmond, VA	2480	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1967	COMPOSITE	300	U
Amsco Windows	Salt Lake City, UT	2579	COMPOSITE	125	U
Anthony International	San Fernando, CA	2289	ANSI ONLY	250	U
Binswanger Mirror	Grenada, MS	2893	COMPOSITE	500	U
Bronco Industries, Inc.	Delta, BC Canada	2243	ANSI ONLY	750	U
Cardinal CG	Casa Grande, AZ	2879	CPSC ONLY	250	U
Cardinal CG	Spring Green, WI	2068	CPSC ONLY	500	U
Cardinal CG	Buford, GA	1922	COMPOSITE	300	U
Cardinal CG	Moreno Valley, CA	2294	CPSC ONLY	250	U
Cardinal CG	Northfield, MN	1986	CPSC ONLY	150	U
Cardinal CG	Waxahachie, TX	2700	COMPOSITE	550	U
Cardinal CG	Tumwater, WA	2008	CPSC ONLY	750	U
Cardinal CG	Galt, CA	2358	COMPOSITE	125	U
Cardinal FG	Durant, OK	2910	COMPOSITE	900	U
Cardinal IG	Vinton, VA	2920	COMPOSITE	100	U
Cardinal IG	Spring Green, WI	1832	COMPOSITE	500	U
Cardinal IG	Tomah, WI	2318	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2177	COMPOSITE	150	U
Cardinal IG	Waxahachie, TX	2329	CPSC ONLY	550	U
Cardinal IG	Hood River, OR	2858	CPSC ONLY	750	U
Cardinal IG	Greenfield, IA	1828	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2234	COMPOSITE	150	U
Cardinal TG	Tomah, WI	1805	COMPOSITE	500	U
Cat i Manufacturing, Inc.	South Elgin, IL	2782	COMPOSITE	500	24x36

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
5/32 Inch Tempered Transparent Glass					
Coastal Glass Distributors	Charleston, SC	2102	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	1999	COMPOSITE	285	U
Desert Glass Products	N. Las Vegas, NV	2793	COMPOSITE	125	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	285	U
Glass South Africa, LTD (Springs Armo	Springs, South Africa	2712	COMPOSITE	285	U
Glass South Africa, LTD, Parow	Cape Town, South Africa	2421	COMPOSITE	285	U
Glass South Africa, LTD, Westmead	Durban, South Africa	2571	COMPOSITE	285	20x20
Goldray Industries Ltd.	Calgary, AB Canada	2445	COMPOSITE	750	U
Guardian Fabrication Inc.	Millbury, OH	1575	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	1607	ANSI ONLY	100	U
Guardian Glass of Rogers Corp.	Rogers, AR	1616	ANSI ONLY	900	U
Guardian Industries Corp.	Richburg, SC	1631	ANSI ONLY	300	U
Guardian Industries Corp.	Corsicana, TX	1249	ANSI ONLY	550	U
Guardian Industries Corp.	Rexdale, ON Canada	2802	ANSI ONLY	400	U
Guardian Industries Corp.	Kingsburg, CA	969	ANSI ONLY	125	U
Guardian Industries Corp.	Carleton, MI	934	ANSI ONLY	200	U
Guardian Industries Corp.	Dewitt, IA	2021	ANSI ONLY	500	U
Guardian Industries Corp.	Geneva, NY	2260	ANSI ONLY	400	U
Guardian Walled Lake Fab.	Walled Lake, MI	2567	ANSI ONLY	200	U
Haida Safety Glass Ltd.	Wuxi City PR, China	2932	COMPOSITE	100	U
Kohler Company	Union City, TN	1980	COMPOSITE	550	U
Multiver	Vanier, QC Canada	2629	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMPOSITE	200	U
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2691	ANSI ONLY	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2216	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1609	COMPOSITE	125	U
Oldcastle Glass Montreal	Quebec, Canada	2883	COMPOSITE	400	U
Patio Enclosures, Inc.	Macedonia, OH	2057	COMPOSITE	200	U
PDC Glass of Michigan Inc.	Plymouth, MI	2695	COMPOSITE	200	16x30
PPG Inds., Inc.	Burlington, IA	1606	COMPOSITE	500	U
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE	550	U
PPG Inds., Inc.	Carlisle, PA	675	COMPOSITE	400	U
PPG Inds., Inc.	Fresno, CA	676	COMPOSITE	125	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2035	COMPOSITE	100	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2778	COMPOSITE	285	U
SIGCO, Inc.	Portland, ME	2962	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
Triple Seal Ltd.	Toronto, ON Canada	2482	COMPOSITE	275	U
Unitex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, P.R.C. China	2573	COMPOSITE	200	U
Vetzeria Valentini S.R.L.	Brescia, Italy	2423	ANSI ONLY	400	U
Westshore Glass	Tampa, FL	1971	COMPOSITE	285	U
3/16 Inch Tempered Transparent Glass					
ACI Distribution	Santa Clara, CA	2436	COMPOSITE	250	U
ACI Distribution	Santa Fe Springs, CA	1157	COMPOSITE	250	U
ACI Distribution	Dallas, TX	400	COMPOSITE	900	U
ACI Distribution	Oceanside, CA	2824	COMPOSITE	250	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>					
ACI Distribution	Greensboro, NC	1642	COMPOSITE	300	U
ACI Distribution	Stockton, CA	2606	COMPOSITE	125	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	Greenland, TN	220	COMPOSITE	300	U
AFG Inds., Inc.-TN	Kingsport, TN	28	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 Glass	Opelousas, LA	2900	COMPOSITE	550	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	285	U
American Flat Glass Dist.	Richmond, VA	2522	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1230	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2197	COMPOSITE	200	U
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE	125	U
Anthony International	San Fernando, CA	999	ANSI ONLY	250	U
Binswanger Mirror	Grenada, MS	2788	COMPOSITE	500	U
Bronco Industries, Inc.	Delta, BC Canada	2244	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE	500	U
Cardinal CG	Spring Green, WI	2069	CPSC ONLY	500	U
Cardinal CG	Tumwater, WA	2009	CPSC ONLY	750	U
Cardinal CG	Buford, GA	1923	COMPOSITE	300	U
Cardinal CG	Moreno Valley, CA	2295	CPSC ONLY	250	U
Cardinal CG	Waxahachie, TX	2701	COMPOSITE	550	U
Cardinal CG	Casa Grande, AZ	2880	CPSC ONLY	250	U
Cardinal CG	Northfield, MN	1987	CPSC ONLY	150	U
Cardinal CG	Galt, CA	2359	COMPOSITE	125	U
Cardinal FG	Durant, OK	2911	COMPOSITE	900	U
Cardinal IG	Fargo, ND	2233	COMPOSITE	150	U
Cardinal IG	Hood River, OR	2833	CPSC ONLY	750	U
Cardinal IG	Tomah, WI	2319	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2178	COMPOSITE	150	U
Cardinal IG	Waxahachie, TX	2330	CPSC ONLY	550	U
Cardinal IG	Greenfield, IA	1829	CPSC ONLY	500	U
Cardinal IG	Vinton, VA	2921	COMPOSITE	100	U
Cardinal IG	Spring Green, WI	1833	COMPOSITE	500	U
Cardinal TG	Tomah, WI	1806	COMPOSITE	500	U
Cat i Manufacturing, Inc.	South Elgin, IL	2783	COMPOSITE	500	24x36
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	285	U
Contour Industries, Inc.	Surgoinsville, TN	1678	COMPOSITE	300	18x76
Coraglass, Inc.	Tuscaloosa, AL	1910	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2336	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2795	COMPOSITE	125	U
Dong Sung Glass Co., Ltd.	Tian Jin, China	2890	ANSI ONLY	250	U
Dong Sung Korea, Co., Ltd.	Inchon, Korea	2709	COMPOSITE	250	U
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE	285	U

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Tempered Transparent Glass</i>					
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
FLT Glass	Miami, FL	2670	COMPOSITE	285	U
FTG of NC, LLC	Kernersville, NC	2553	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1201	COMPOSITE	285	U
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE	275	U
Glass Dynamics, Inc.	Stoneville, NC	2730	COMPOSITE	285	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 Industries Ltd.	Calgary, AB Canada	2446	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	1216	ANSI ONLY	100	U
Guardian Fabrication Inc.	Millbury, OH	1576	ANSI ONLY	200	U
Guardian Glass of Rogers Corp.	Rogers, AR	1356	ANSI ONLY	900	U
Guardian Industries Corp.	Corsicana, TX	1250	ANSI ONLY	550	U
Guardian Industries Corp.	Carleton, MI	631	ANSI ONLY	200	U
Guardian Industries Corp.	Ft. Lauderdale, FL	633	ANSI ONLY	285	U
Guardian Industries Corp.	Kingsburg, CA	970	ANSI ONLY	125	U
Guardian Industries Corp.	Geneva, NY	2261	ANSI ONLY	400	U
Guardian Industries Corp.	Dewitt, IA	2022	ANSI ONLY	500	U
Guardian Industries Corp.	Rexdale, ON Canada	2803	ANSI ONLY	400	U
Guardian Industries Corp.	Richburg, SC	1632	ANSI ONLY	300	U
Guardian Walled Lake Fab.	Walled Lake, MI	2141	ANSI ONLY	200	U
Haida Safety Glass Ltd.	Wuxi City PR, China	2933	COMPOSITE	100	U
Kohler Company	Union City, TN	1981	COMPOSITE	550	U
Mid Ohio Tempering	Columbus, OH	2766	COMPOSITE	200	U
Multiver	Vanier, QC Canada	2630	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMPOSITE	200	U
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2692	ANSI ONLY	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2211	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	630	COMPOSITE	125	U
Oldcastle Glass Montreal	Quebec, Canada	1997	COMPOSITE	400	U
Oldcastle Glass New York	Hauppauge, NY	1547	COMPOSITE	400	U
Oldcastle Glass Telford	Telford, PA	2014	COMPOSITE	100	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	200	U
PGT Industries	Nokomis, FL	2390	COMPOSITE	285	U
PPG Inds., Inc.	Carlisle, PA	249	COMPOSITE	400	U
PPG Inds., Inc.	Burlington, IA	1603	COMPOSITE	500	U
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE	550	U
PPG Inds., Inc.	Fresno, CA	64	COMPOSITE	125	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2713	COMPOSITE	100	U
PT Surya Adhithia Fortuna Glass	Jakarta, Indonesia	2752	COMPOSITE	285	U
Republic Windows & Doors, Inc.	Chicago, IL	2744	COMPOSITE	500	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2777	COMPOSITE	285	U
Shaw Glass Co.	S. Easton, MA	1871	COMPOSITE	400	U
SIGCO, Inc.	Portland, ME	2963	COMPOSITE	100	U
Simonton Windows	Pennsboro, WV	2888	COMPOSITE	100	U
Sovis North America, Inc.	Madison, GA	2352	COMPOSITE	400	U
Specialty Building Products	New Westminster, BC Canada	2309	COMPOSITE	750	22x64

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		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Tempered Transparent Glass</i>					
Spec-Temp, Inc.	Antwerp, OH	2686	COMPOSITE	500	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
Triple Seal Ltd.	Toronto, ON Canada	2483	COMPOSITE	275	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	100	U
Westshore Glass	Tampa, FL	1972	COMPOSITE	285	U
<i>1/4 Inch Tempered Transparent Glass</i>					
ACI Distribution	Greensboro, NC	1643	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	1535	COMPOSITE	250	U
ACI Distribution	Santa Clara, CA	1496	COMPOSITE	250	U
ACI Distribution	Oceanside, CA	2825	COMPOSITE	250	U
ACI Distribution	Dallas, TX	402	COMPOSITE	900	U
ACI Distribution	Stockton, CA	2607	COMPOSITE	125	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	Quakertown, PA	2666	COMPOSITE	100	U
AFG Insulating	Riverside, CA	2639	COMPOSITE	250	U
AFGD	Tulsa, OK	1455	COMPOSITE	550	U
AFGD Glass	Opelousas, LA	2901	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	285	U
American Flat Glass Dist.	Marietta, GA	1231	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1710	COMPOSITE	550	U
American Flat Glass Dist.	Richmond, VA	1957	COMPOSITE	100	U
American Flat Glass Dist.	Hebron, OH	2198	COMPOSITE	200	U
Amsco Windows	Salt Lake City, UT	2581	COMPOSITE	125	U
Anthony International	San Fernando, CA	1000	ANSI ONLY	250	U
Berkowitz, J.E.	Westville, NJ	1990	COMPOSITE	100	U
Binswanger Mirror	Grenada, MS	2789	COMPOSITE	500	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	Waxahachie, TX	2702	COMPOSITE	550	U
Cardinal CG	Spring Green, WI	2070	CPSC ONLY	500	U
Cardinal CG	Casa Grande, AZ	2881	CPSC ONLY	250	U
Cardinal CG	Northfield, MN	1988	CPSC ONLY	150	U
Cardinal CG	Buford, GA	1924	COMPOSITE	300	U
Cardinal CG	Moreno Valley, CA	2296	CPSC ONLY	250	U
Cardinal CG	Galt, CA	2360	COMPOSITE	125	U

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<i>1/4 Inch Tempered Transparent Glass</i>					
Cardinal FG	Durant, OK	2912	COMPOSITE	900	U
Cardinal IG	Fremont, IN	2179	COMPOSITE	150	U
Cardinal IG	Vinton, VA	2922	COMPOSITE	100	U
Cardinal IG	Hood River, OR	2834	CPSC ONLY	750	U
Cardinal IG	Waxahachie, TX	2331	CPSC ONLY	550	U
Cardinal IG	Spring Green, WI	1834	COMPOSITE	500	U
Cardinal IG	Greenfield, IA	1830	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2232	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2320	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1807	COMPOSITE	500	U
Cat i Manufacturing, Inc.	South Elgin, IL	2784	COMPOSITE	500	24x36
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	285	U
Contour Industries, Inc.	Surgoinsville, TN	1677	COMPOSITE	300	18x76
Coraglass, Inc.	Tuscaloosa, AL	1911	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2337	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2797	COMPOSITE	125	U
Downey Glass Industries, LLC	Pompano Beach, FL	2662	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2850	COMPOSITE	100	U
Edge Seal Technologies	Walton Hills, OH	2055	COMPOSITE	200	U
Efco Corp.	Monett, MO	1902	COMPOSITE	150	U
Engineered Glass Products, L.L.C.	Chicago, IL	2698	ANSI ONLY	200	17x30
FLT Glass	Miami, FL	2671	COMPOSITE	285	U
FTG of NC, LLC	Kernersville, NC	2554	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1477	COMPOSITE	285	U
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE	275	U
Glass Dynamics, Inc.	Stoneville, NC	2732	COMPOSITE	285	U
Glass South Africa, LTD (Springs Armo	Springs, South Africa	2767	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2187	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2619	COMPOSITE	550	U
Goldray Industries Ltd.	Calgary, AB Canada	2447	COMPOSITE	750	U
Guardian Fabrication Inc.	Millbury, OH	1577	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	662	ANSI ONLY	100	U
Guardian Glass of Rogers Corp.	Rogers, AR	1357	ANSI ONLY	900	U
Guardian Industries Corp.	Richburg, SC	1633	ANSI ONLY	300	U
Guardian Industries Corp.	Ft. Lauderdale, FL	40	ANSI ONLY	285	U
Guardian Industries Corp.	Geneva, NY	2262	ANSI ONLY	400	U
Guardian Industries Corp.	Carleton, MI	131	ANSI ONLY	200	U
Guardian Industries Corp.	Dewitt, IA	2023	ANSI ONLY	500	U
Guardian Industries Corp.	Kingsburg, CA	971	ANSI ONLY	125	U
Guardian Industries Corp.	Rexdale, ON Canada	2804	ANSI ONLY	400	U
Guardian Industries Corp.	Corsicana, TX	1251	ANSI ONLY	550	U
Guardian Walled Lake Fab.	Walled Lake, MI	2142	ANSI ONLY	200	U
Haida Safety Glass Ltd.	Wuxi City PR, China	2934	COMPOSITE	100	U
Jiangyin Jingcheng High Quality Glass	Jiangyin City, China	2856	COMPOSITE	285	U
Kohler Company	Union City, TN	1982	COMPOSITE	550	U
Mid Ohio Tempering	Columbus, OH	2157	COMPOSITE	200	U
Milgard Tempering	Dixon, CA	2842	COMPOSITE	125	U
Milgard Tempering, Inc.	Tacoma, WA	1578	COMPOSITE	750	U
Multiver	Vanier, QC Canada	2499	COMPOSITE	275	U

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<i>1/4 Inch Tempered Transparent Glass</i>					
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMPOSITE	200	U
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2693	ANSI ONLY	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 Montreal	Quebec, Canada	2543	COMPOSITE	400	U
Oldcastle Glass New York	Hauppauge, NY	1548	COMPOSITE	400	U
Oldcastle Glass Telford	Telford, PA	1879	COMPOSITE	100	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	200	U
PGT Industries	Nokomis, FL	2391	COMPOSITE	285	U
PPG Inds., Inc.	Carlisle, PA	382	ANSI ONLY	400	U
PPG Inds., Inc.	Wichita Falls, TX	1113	ANSI ONLY	550	U
PPG Inds., Inc.	Burlington, IA	1604	COMPOSITE	500	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2015	COMPOSITE	100	U
Republic Windows & Doors, Inc.	Chicago, IL	2745	COMPOSITE	500	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2761	COMPOSITE	285	U
Shaw Glass Co.	S. Easton, MA	1035	COMPOSITE	400	U
SIGCO, Inc.	Portland, ME	2964	COMPOSITE	100	U
Societe Verriere De L'Atlantique	Trelaze, France	2877	COMPOSITE	400	U
Sovis North America, Inc.	Thierry, France	2248	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2353	COMPOSITE	400	U
Spec-Temp, Inc.	Antwerp, OH	2687	COMPOSITE	500	U
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE	400	U
Syracuse Glass Company	Syracuse, NY	2656	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)	Cranberry Township, PA	2490	COMPOSITE	100	U
Traco (Three Rivers Alum)	Red Oak, IA	1311	COMPOSITE	150	U
Triple Seal Ltd.	Toronto, ON Canada	2484	COMPOSITE	275	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	100	U
Westshore Glass	Tampa, FL	1973	COMPOSITE	285	U
<i>9/32 Inch Tempered Transparent Glass</i>					
Cardinal CG	Spring Green, WI	2876	CPSC ONLY	500	24x53
<i>5/16 Inch Tempered Transparent Glass</i>					
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	2790	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2851	COMPOSITE	100	U
Guardian Industries Corp.	Richburg, SC	2382	ANSI ONLY	300	U
Guardian Industries Corp.	Corsicana, TX	1826	ANSI ONLY	550	U
Guardian Industries Corp.	Dewitt, IA	2024	ANSI ONLY	500	U
Guardian Walled Lake Fab.	Walled Lake, MI	2697	ANSI ONLY	200	U
Haida Safety Glass Ltd.	Wuxi City PR, China	2935	COMPOSITE	100	U
Oldcastle Glass Montreal	Quebec, Canada	2884	COMPOSITE	400	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2751	COMPOSITE	100	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2762	COMPOSITE	285	U

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<i>5/16 Inch Tempered Transparent Glass</i>					
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2678	COMPOSITE	100	U
<i>3/8 Inch Tempered Transparent Glass</i>					
ACI Distribution	Oceanside, CA	2826	COMPOSITE	250	U
ACI Distribution	Dallas, TX	1107	COMPOSITE	900	U
ACI Distribution	Greensboro, NC	1644	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	1179	COMPOSITE	250	U
ACI Distribution	Stockton, CA	2608	COMPOSITE	125	U
ACI Distribution	Santa Clara, CA	1497	COMPOSITE	250	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	285	U
American Flat Glass Dist.	Richmond, VA	1958	COMPOSITE	100	U
American Flat Glass Dist.	Alvarado, TX	1711	COMPOSITE	550	U
American Flat Glass Dist.	Hebron, OH	2199	COMPOSITE	200	U
American Flat Glass Dist.	Marietta, GA	1232	COMPOSITE	300	U
Berkowitz, J.E.	Westville, NJ	2646	COMPOSITE	100	U
Binswanger Mirror	Grenada, MS	2840	COMPOSITE	500	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	285	U
Coraglass, Inc.	Tuscaloosa, AL	2144	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2338	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2798	COMPOSITE	125	U
Downey Glass Industries, LLC	Pompano Beach, FL	2663	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2852	COMPOSITE	100	U
Engineered Glass Products, L.L.C.	Chicago, IL	2602	ANSI ONLY	200	17x30
FLT Glass	Miami, FL	2672	COMPOSITE	285	U
FTG of NC, LLC	Kernersville, NC	2556	COMPOSITE	300	U
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE	275	U
Glass Dynamics, Inc.	Stoneville, NC	2729	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2188	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2620	COMPOSITE	550	U
Goldray Industries Ltd.	Calgary, AB Canada	2448	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	471	ANSI ONLY	100	U
Guardian Industries Corp.	Richburg, SC	1634	ANSI ONLY	300	U
Guardian Industries Corp.	Geneva, NY	2519	ANSI ONLY	400	U
Guardian Industries Corp.	Dewitt, IA	2545	ANSI ONLY	500	U
Guardian Industries Corp.	Corsicana, TX	1253	ANSI ONLY	550	U
Guardian Industries Corp.	Rexdale, ON Canada	2805	ANSI ONLY	400	U
Guardian Industries Corp.	Ft. Lauderdale, FL	2525	ANSI ONLY	285	U
Haida Safety Glass Ltd.	Wuxi City PR, China	2936	COMPOSITE	100	U
Jiangyin Jingcheng High Quality Glass	Jiangyin City, China	2897	CPSC ONLY	285	U
Kohler Company	Union City, TN	2434	COMPOSITE	550	U
Laurier Glass Ltd.	Quebec, Canada	2721	COMPOSITE	400	U
Mid Ohio Tempering	Columbus, OH	2158	COMPOSITE	200	U
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMPOSITE	200	U
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2694	ANSI ONLY	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1383	COMPOSITE	200	U

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3/8 Inch Tempered Transparent Glass					
Oldcastle Glass Indianapolis	Indianapolis, IN	2213	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	515	COMPOSITE	125	U.
Oldcastle Glass Montreal	Quebec, Canada	2544	COMPOSITE	400	U
Oldcastle Glass New York	Hauppauge, NY	1549	COMPOSITE	400	U
Oldcastle Glass Telford	Telford, PA	1880	COMPOSITE	100	U
PDC Glass & Metal Services	Cheswick, PA	1787	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2229	COMPOSITE	200	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.	Shanghai, China	2696	COMPOSITE	285	U
Shaw Glass Co.	S. Easton, MA	1036	COMPOSITE	400	U
SIGCO, Inc.	Portland, ME	2965	COMPOSITE	100	U
Societe Verriere De L'Atlantique	Trelaze, France	2747	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2453	COMPOSITE	400	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	100	U
Westshore Glass	Tampa, FL	1978	COMPOSITE	285	U
1/2 Inch Tempered Transparent Glass					
ACI Distribution	Dallas, TX	1108	COMPOSITE	900	U
ACI Distribution	Santa Clara, CA	1498	COMPOSITE	250	U
ACI Distribution	Oceanside, CA	2827	COMPOSITE	250	U
ACI Distribution	Santa Fe Springs, CA	640	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1645	COMPOSITE	300	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	285	U
American Flat Glass Dist.	Richmond, VA	1959	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1406	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2200	COMPOSITE	200	U
American Flat Glass Dist.	Alvarado, TX	1712	COMPOSITE	550	U
Berkowitz, J.E.	Westville, NJ	1991	COMPOSITE	100	U
Binswanger Mirror	Grenada, MS	2841	COMPOSITE	500	U
Bronco Industries, Inc.	Delta, BC Canada	2247	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMPOSITE	500	U
Changshu Da-Yang Special Glass	Changshu City, China	2926	COMPOSITE	125	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	285	U
Coraglass, Inc.	Tuscaloosa, AL	2145	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2339	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2799	COMPOSITE	125	U
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	100	U
FLT Glass	Miami, FL	2673	COMPOSITE	285	U
FTG of NC, LLC	Kernersville, NC	2557	COMPOSITE	300	U

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<i>1/2 Inch Tempered Transparent Glass</i>					
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE	275	U
Glass Dynamics, Inc.	Stoneville, NC	2733	COMPOSITE	285	U
Glass Innovations LLC	Miami, FL	2938	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2189	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2621	COMPOSITE	550	U
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	1235	ANSI ONLY	100	U
Guardian Industries Corp.	Corsicana, TX	1803	ANSI ONLY	550	U
Guardian Industries Corp.	Dewitt, IA	2649	ANSI ONLY	500	U
Guardian Industries Corp.	Rexdale, ON Canada	2806	ANSI ONLY	400	U
Guardian Industries Corp.	Ft. Lauderdale, FL	2526	ANSI ONLY	285	U
Laurier Glass Ltd.	Quebec, Canada	2720	COMPOSITE	400	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 Montreal	Quebec, Canada	2062	COMPOSITE	400	U
Oldcastle Glass New York	Huappauge, NY	1550	COMPOSITE	400	U
Oldcastle Glass Telford	Telford, PA	1881	COMPOSITE	100	U
PDC Glass & Metal Services	Cheswick, PA	1788	COMPOSITE	100	U
PDC Glass of Michigan Inc.	Plymouth, MI	2220	COMPOSITE	200	U
PGT Industries	Nokomis, FL	2427	COMPOSITE	285	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2048	COMPOSITE	100	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2763	COMPOSITE	285	U
Shaw Glass Co.	S. Easton, MA	1037	COMPOSITE	400	U
SIGCO, Inc.	Portland, ME	2966	COMPOSITE	100	U
Spec-Temp, Inc.	Antwerp, OH	2689	COMPOSITE	500	U
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE	400	U
Syracuse Glass Company	Syracuse, NY	2657	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	100	U
Westshore Glass	Tampa, FL	1974	COMPOSITE	285	U
<i>5/8 Inch Tempered Transparent Glass</i>					
Changshu Da-Yang Special Glass	Changshu City, China	2927	COMPOSITE	125	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2236	COMPOSITE	400	U
Consolidated Glass Corp.	New Castle, PA	2060	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2854	COMPOSITE	100	U
Glass Dynamics, Inc.	Stoneville, NC	2731	COMPOSITE	285	U
Oldcastle Glass Montreal	Quebec, Canada	2063	COMPOSITE	400	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2786	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMPOSITE	285	U
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE	100	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.	Tuscaloosa, AL	2644	COMPOSITE	300	U

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<i>3/4 Inch Tempered Transparent Glass</i>					
Craftsman Tempered Glass	Houston, TX	2340	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2800	COMPOSITE	125	U
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE	285	U
Eckelt Glas GmbH	Steyr, Austria	2855	COMPOSITE	100	U
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2190	COMPOSITE	250	U
Laurier Glass Ltd.	Quebec, Canada	2722	COMPOSITE	400	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2074	COMPOSITE	125	U
Oldcastle Glass Montreal	Quebec, Canada	2885	COMPOSITE	400	U
Oldcastle Glass New York	Hauppauge, NY	1551	COMPOSITE	400	U
PDC Glass of Michigan Inc.	Plymouth, MI	2222	COMPOSITE	200	U
Tecnoglass S.A.	Barranquilla, Colombia	2894	COMPOSITE	285	U
United Plate Glass Co., Inc.	Butler, PA	2472	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE	100	U
<u>Tempered Patterned Glass</u>					
<i>1/8 Inch Tempered Patterned Glass</i>					
ACI Distribution	Oceanside, CA	2828	COMPOSITE	250	U
ACI Distribution	Santa Fe Springs, CA	1861	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	2746	COMPOSITE	300	U
ACI Distribution	Dallas, TX	2418	ANSI ONLY	900	U
ACI Distribution	Stockton, CA	2611	COMPOSITE	125	U
AFG Inds., Inc.-CA	Victorville, CA	2896	COMPOSITE	250	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
AFGD Glass	Opelousas, LA	2902	COMPOSITE	550	U
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE	125	U
Cardinal CG	Tumwater, WA	2954	COMPOSITE	750	U
Cardinal CG	Waxahachie, TX	2703	COMPOSITE	550	U
Cardinal CG	Spring Green, WI	2071	CPSC ONLY	500	U
Cardinal CG	Northfield, MN	2011	CPSC ONLY	150	U
Cardinal CG	Buford, GA	2146	CPSC ONLY	300	U
Cardinal IG	Greenfield, IA	1841	CPSC ONLY	500	U
Cardinal IG	Vinton, VA	2923	COMPOSITE	100	U
Cardinal IG	Fargo, ND	2231	COMPOSITE	150	U
Cardinal IG	Waxahachie, TX	2397	CPSC ONLY	550	U
Cardinal IG	Hood River, OR	2857	CPSC ONLY	750	U
Cardinal IG	Fremont, IN	2203	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2321	CPSC ONLY	500	29x76
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
Desert Glass Products	N. Las Vegas, NV	2792	COMPOSITE	125	U
Gemtron-Sweetwater	Sweetwater, TN	1422	COMPOSITE	285	U
Glass-Tex Industries	Magnolia, TX	2622	ANSI ONLY	550	U
Guardian Fabrication Inc.	Webster, MA	2450	ANSI ONLY	100	U
Guardian Glass of Rogers Corp.	Rogers, AR	1358	ANSI ONLY	900	U
Guardian Industries Corp.	Kingsburg, CA	1303	ANSI ONLY	125	U
Guardian Industries Corp.	Richburg, SC	1683	ANSI ONLY	300	U
Guardian Industries Corp.	Ft. Lauderdale, FL	1665	ANSI ONLY	285	U
Guardian Industries Corp.	Corsicana, TX	2458	ANSI ONLY	550	U

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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>					
Kohler Company	Union City, TN	1983	COMPOSITE	550	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	200	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	Oceanside, CA	2829	COMPOSITE	250	U
ACI Distribution	Stockton, CA	2612	COMPOSITE	125	U
AFG Inds., Inc.-CA	Victorville, CA	2953	COMPOSITE	250	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.	Hebron, OH	2768	COMPOSITE	200	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	Tumwater, WA	2955	COMPOSITE	750	U
Cardinal CG	Casa Grande, AZ	2882	CPSC ONLY	250	U
Cardinal CG	Buford, GA	2147	CPSC ONLY	300	U
Cardinal IG	Vinton, VA	2924	COMPOSITE	100	U
Cardinal IG	Fargo, ND	2285	COMPOSITE	150	U
Cardinal IG	Tomah, WI	2322	CPSC ONLY	500	29x76
Cardinal IG	Hood River, OR	2832	CPSC ONLY	750	U
Cardinal IG	Fremont, IN	2204	COMPOSITE	150	U
Cardinal IG	Spring Green, WI	1845	COMPOSITE	500	U
Cardinal IG	Greenfield, IA	1842	CPSC ONLY	500	U
Coastal Glass Distributors	Charleston, SC	2108	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE	285	U
Desert Glass Products	N. Las Vegas, NV	2794	COMPOSITE	125	U
Gemtron-Sweetwater	Sweetwater, TN	1424	COMPOSITE	285	U
Guardian Fabrication Inc.	Webster, MA	2451	ANSI ONLY	100	U
Guardian Glass of Rogers Corp.	Rogers, AR	1359	ANSI ONLY	900	U
Guardian Industries Corp.	Dewitt, IA	2667	ANSI ONLY	500	U
Guardian Industries Corp.	Corsicana, TX	2459	ANSI ONLY	550	U
Guardian Industries Corp.	Kingsburg, CA	1301	ANSI ONLY	125	U
Guardian Industries Corp.	Richburg, SC	1635	ANSI ONLY	300	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2075	COMPOSITE	125	U
PDC Glass of Michigan Inc.	Plymouth, MI	2939	COMPOSITE	200	U
SIGCO, Inc.	Portland, ME	2967	COMPOSITE	100	U
United Plate Glass Co., Inc.	Butler, PA	2683	COMPOSITE	100	U
<i>3/16 Inch Tempered Patterned Glass</i>					
ACI Distribution	Oceanside, CA	2830	COMPOSITE	250	U
ACI Distribution	Stockton, CA	2613	COMPOSITE	125	U
ACI Distribution	Santa Clara, CA	2368	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	2077	COMPOSITE	300	U
ACI Distribution	Dallas, TX	1728	COMPOSITE	900	U
AFG Inds., Inc.-TN	Greenland, TN	1139	COMPOSITE	300	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
3/16 Inch Tempered Patterned Glass					
AFG Inds., Inc.-TN	Kingsport, TN	2206	COMPOSITE	300	U
AFGD	Tulsa, OK	1618	COMPOSITE	550	U
AFGD Glass	Opelousas, LA	2903	COMPOSITE	550	U
AFGD Glass	Fall River, MA	1523	COMPOSITE	400	U
American Flat Glass Dist.	Richmond, VA	2523	COMPOSITE	100	U
American Flat Glass Dist.	Hebron, OH	2592	COMPOSITE	200	U
American Flat Glass Dist.	Marietta, GA	2054	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1714	COMPOSITE	550	U
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	125	U
Binswanger Mirror	Grenada, MS	2895	COMPOSITE	500	U
Cardinal CG	Buford, GA	2148	CPSC ONLY	300	U
Cardinal CG	Tumwater, WA	2956	COMPOSITE	750	U
Cardinal CG	Northfield, MN	2013	CPSC ONLY	150	U
Cardinal CG	Waxahachie, TX	2705	COMPOSITE	550	U
Cardinal IG	Hood River, OR	2859	CPSC ONLY	750	U
Cardinal IG	Greenfield, IA	1843	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2205	COMPOSITE	150	U
Cardinal IG	Spring Green, WI	1846	COMPOSITE	500	U
Cardinal IG	Vinton, VA	2925	COMPOSITE	100	U
Cardinal IG	Waxahachie, TX	2399	CPSC ONLY	550	U
Cardinal IG	Tomah, WI	2323	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2286	COMPOSITE	150	U
Coastal Glass Distributors	Charleston, SC	2109	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	2354	COMPOSITE	285	U
Coraglass, Inc.	Tuscaloosa, AL	1964	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2342	COMPOSITE	550	U
Desert Glass Products	N. Las Vegas, NV	2796	COMPOSITE	125	U
Dong Sung Korea, Co., Ltd.	Inchon, Korea	2771	COMPOSITE	250	U
Efco Corp.	Monett, MO	2143	COMPOSITE	150	U
FTG of NC, LLC	Kernersville, NC	2560	COMPOSITE	300	U
Glass, Inc.	Englewood, CO	2193	COMPOSITE	250	U
Glass-Tex Industries	Magnolia, TX	2623	ANSI ONLY	550	U
Guardian Fabrication Inc.	Webster, MA	2603	ANSI ONLY	100	U
Guardian Industries Corp.	Dewitt, IA	2668	ANSI ONLY	500	U
Guardian Industries Corp.	Kingsburg, CA	1304	ANSI ONLY	125	U
Guardian Industries Corp.	Richburg, SC	1865	ANSI ONLY	300	U
Guardian Industries Corp.	Corsicana, TX	2460	ANSI ONLY	550	U
Guardian Industries Corp.	Ft. Lauderdale, FL	1318	ANSI ONLY	285	U
Kohler Company	Union City, TN	1984	COMPOSITE	550	U
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMPOSITE	200	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	200	U
Shaw Glass Co.	S. Easton, MA	1939	COMPOSITE	400	U
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMPOSITE	300	U
United Plate Glass Co., Inc.	Butler, PA	2474	COMPOSITE	100	U
7/32 Inch Tempered Patterned Glass					
ACI Distribution	Stockton, CA	2614	COMPOSITE	125	U
Oldcastle Glass Los Angeles	Los Angeles, CA	678	COMPOSITE	125	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Patterned Glass</i>					
American Flat Glass Dist.	Richmond, VA	2867	COMPOSITE	100	U
Coastal Glass Distributors	Charleston, SC	2562	COMPOSITE	285	U
Guardian Industries Corp.	Kingsburg, CA	1882	ANSI ONLY	125	U
Kohler Company	Union City, TN	2918	COMPOSITE	550	U
United Plate Glass Co., Inc.	Butler, PA	2475	COMPOSITE	100	U
<i>3/8 Inch Tempered Patterned Glass</i>					
American Flat Glass Dist.	Richmond, VA	2868	COMPOSITE	100	U
Coastal Glass Distributors	Charleston, SC	2563	COMPOSITE	285	U
<u>Tempered Bent Glass</u>					
<i>1/8 Inch Tempered Bent Glass</i>					
Sovis North America, Inc.	Madison, GA	2727	COMPOSITE	400	U
<i>5/32 Inch Tempered Bent Glass</i>					
Sovis North America, Inc.	Thierry, France	1992	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2305	COMPOSITE	400	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	400	U
Sovis North America, Inc.	Thierry, France	2770	COMPOSITE	400	U
TemperBent Glass, LP	Alsip, IL	1564	COMPOSITE	150	U
<i>1/4 Inch Tempered Bent Glass</i>					
Bendheim Wall Systems	Wunsiedel-Holenbrunn, German	2570	COMPOSITE	275	20x76
Oldcastle Glass Bensenville	Bensenville, IL	2308	COMPOSITE	200	U
Sovis North America, Inc.	Madison, GA	2307	COMPOSITE	400	U
Sovis North America, Inc.	Thierry, France	1864	COMPOSITE	400	U
TemperBent Glass, LP	Alsip, IL	1565	COMPOSITE	150	U
Vetzeria Valentini S.R.L.	Brescia, Italy	2898	ANSI ONLY	400	U
<i>9/32 Inch Tempered Bent Glass</i>					
Bendheim Wall Systems	Wunsiedel-Holenbrunn, German	2569	COMPOSITE	275	16x76
<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>Laminated Transparent Glass</u>					
<i>1/8 Inch Laminated Transparent Glass</i>					
Oldcastle Glass Telford	Telford, PA	2930	COMPOSITE	100	U
<i>5/32 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2166	COMPOSITE	150	U
Guardian Industries Corp.	Rexdale, ON Canada	2808	ANSI ONLY	400	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>					
Vidrieria Argentina, S.A.	Buenos Aires, Argentina	2725	COMPOSITE	285	U
<i>7/32 Inch Laminated Transparent Glass</i>					
Guardian Industries Corp.	Rexdale, ON Canada	2809	ANSI ONLY	400	U

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Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
7/32 Inch Laminated Transparent Glass					
Mirror Factory	Plymouth, MN	1915	COMPOSITE	150	U
1/4 Inch Laminated Transparent Glass					
Arch Aluminum & Glass Co.	Waukesha, WI	2493	COMPOSITE	275	U
Arch Aluminum & Glass Co., Inc.	Tamarac, FL	2785	COMPOSITE	285	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
Craftsman Tempered Glass	Houston, TX	2707	CPSC ONLY	550	U
Dongli Tempered Glass Co., Ltd.	Qinhuangdao, China	2821	ANSI ONLY	275	U
Oldcastle Glass Telford	Telford, PA	1652	COMPOSITE	100	U
Prelco, Inc.	Riviere-du-Loup, QC Canada	2037	COMPOSITE	100	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2333	COMPOSITE	400	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2269	ANSI ONLY	400	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2743	COMPOSITE	400	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2779	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2714	COMPOSITE	100	U
Vidrieria Argentina, S.A.	Buenos Aires, Argentina	2724	COMPOSITE	285	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2585	COMPOSITE	285	U
Viracon, Inc.	Statesboro, GA	2364	COMPOSITE	100	U
1/4 Inch Laminated Transparent Glass					
Guardian Industries Corp.	Rexdale, ON Canada	2810	ANSI ONLY	400	U
9/32 Inch Laminated Transparent Glass					
Coastal Glass Distributors	Charleston, SC	2528	COMPOSITE	285	U
5/16 Inch Laminated Transparent Glass					
Galaxy Glass Corp., Inc.	Fairfield, NJ	2419	COMPOSITE	100	U
Guardian Industries Corp.	Rexdale, ON Canada	2811	ANSI ONLY	400	U
PGT Industries	Nokomis, FL	2426	COMPOSITE	285	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2332	COMPOSITE	400	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2268	ANSI ONLY	400	U
Tecnoglass S.A.	Barranquilla, Colombia	2625	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2601	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2715	COMPOSITE	100	U
5/16 Inch Laminated Transparent Glass					
Cardinal LG	Amery, WI	2463	COMPOSITE	150	U
3/8 Inch Laminated Transparent Glass					
Cardinal LG	Amery, WI	2462	COMPOSITE	150	U
Guardian Industries Corp.	Rexdale, ON Canada	2812	ANSI ONLY	400	U
PGT Industries	Nokomis, FL	2429	COMPOSITE	285	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2267	ANSI ONLY	400	U
Tecnoglass S.A.	Barranquilla, Colombia	2626	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2716	COMPOSITE	100	U
Vidrieria Argentina, S.A.	Buenos Aires, Argentina	2723	COMPOSITE	285	U
7/16 Inch Laminated Transparent Glass					
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2780	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2465	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2717	COMPOSITE	100	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2586	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 Industries Corp.	Rexdale, ON Canada	2813	ANSI ONLY	400	U
PGT Industries	Nokomis, FL	2428	COMPOSITE	285	U
Saint-Gobain Glass Mexico S.A. de C.V	Morelos, Mexico	2265	ANSI ONLY	400	U
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2843	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2627	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2718	COMPOSITE	100	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2587	COMPOSITE	285	U
<i>9/16 Inch Laminated Transparent Glass</i>					
Traco (Three Rivers Alum)	Cranberry Township, PA	2719	COMPOSITE	100	U
<i>5/8 Inch Laminated Transparent Glass</i>					
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2845	COMPOSITE	285	U
<i>3/4 Inch Laminated Transparent Glass</i>					
Shanghai Yaohua Pilkington Glass Co.	Shanghai, China	2844	COMPOSITE	285	U
<u>Laminated Specialty Product</u>					
<i>1/4 Inch Laminated Specialty Product</i>					
Arch Ohio, Inc.	Columbus, OH	2600	COMPOSITE	200	U
<u>Laminated Patterned Glass</u>					
<i>5/16 Inch Laminated Patterned Glass</i>					
Cardinal LG	Amery, WI	2240	COMPOSITE	150	U
<i>7/16 Inch Laminated Patterned Glass</i>					
Galaxy Glass Corp., Inc.	Fairfield, NJ	2764	COMPOSITE	100	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 1201-1 II
ANSI Z97.1 1984
1/8U SGCC-1390
AFG 006
- 836206A -**

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



**TEMPERED/TREMPE
ANSI Z97.1-84
16 CFR 1201 II
SGCC 1489 1/4 U
CAN/CGSB 12.1 4A**

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

**All Team
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC 1760 1/2" U
CGSB-12.1-M90**

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

AFGD
ANSI Z97.1-1984
16 CFR 1201-CII
SGCC 1798 1/8"U

Anthony International
12812 Arroyo Street
San Fernando, CA 91342

**TEMPERED
SAFETY GLASS**

ANSI Z97.1 1984
SGCC 520 1/8U

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

**A.S.G.
Safety-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 (10mm)**

Cameron Glass, Inc.
3550 West Tacoma
Broken Arrow, OK 74012

**CAMERON TEMPERED
SAFETY GLASS
ANSI Z97.1-1984
16 CFR 1201 CII
SGCC-2032 3/8U
CAN2-12.1-M90**

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

**CHI #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 GLAS STEEL
TEMPERED SAFETY GLASS
SGCC 2230 3/4 U
ANSI Z97.1-1984
16 CFR 1201-1,II**

Licensees and Their Typical Labels

Consolidated Glass Corp.
1150 N. Cedar St.
PO Box 430
New Castle, PA 16103

DIAMOND TEMPERED GLASS



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

Coraglass, Inc.
3010 Rice Mine Rd.
Tuscaloosa, AL 35404

CoraGlass

TEMPERED

16 CFR-1201-C11

ANSI Z97.1-1984

SGCC 1910 3/16U

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 Dynamics, Inc.
8901 US 220 Bypass
PO Box 938
Stoneville, NC 27048

**GLASS
DYNAMICS**

ANSI Z97.1-1984
16 CFR 1201 II
SGCC 2731 5/8U



Guardian Industries 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

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



ANSI Z97.1-1984

16 CFR1201 II SGCC-2337 1/4U

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



TEMPERED SAFETY

ANSI Z97.1-1984 SGCC 2185

16 CFR 1201 II 1/4 UTTG

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 1578 1/4U

Edge Seal Technologies
7850 Northfield Rd.
Walton Hills, OH 44146

TempEST

ANSI Z97.1-1984

16CFR 1201 CII

SCCG-2050 1/8U

Guardian Glass of Rogers Corp.
1412 S. First St.
Rogers, AR 72756



16 CFR 1201 II

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

Nt Gc

ANSI Z97.1-1984

16 CFR 1201 CII

SGCC 1416 1/8" U

DOT 350 AS 2

January 1, 2005

Licensees and Their Typical Labels

Oldcastle Glass Telford
375 E. Church Ave.
PO Box 1003
Telford, PA 18969-1003

LGC

LAMINATED SAFETY GLASS
16 CFR 1201-II/ANSI-Z97.1-1984
SGCC 1682 1/4" U

AS-1, M-21, DOT 33

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



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

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

Sunpane

ANSI Z97.1-1984
16 CFR 1201 CII
WGC TEMPERED
SGCC 2492 1/8U

TemperBent Glass, LP
12400 S. Laramie Ave.
Alsip, IL 60803

TemperBent®

ANSI Z97.1 - 1984
16 CFR 1201 CII
SGCC-1565 1/4U

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 16066-3596



TRACO VIEW-SAFE
TEMPERED GLASS
ANSI Z97.1-1984
16 CFR 1201 I
SGCC 2490 1/4 U

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



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IN THE ANSI AND CPSC CERTIFICATION PROGRAMS**

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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 75 Clinton Avenue Cortland, NY 13045-0950 Attn: Mr. Brian Bishop Phone: (607) 758-6673 Fax: (607) 758-6666
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 8431 Murphy Drive Middleton, WI 53562 Attn: Mr. Jim Turgeson Phone: (608) 836-4400 Fax: (608) 831-9279
175 Architectural Testing, Inc. 2865 Market Loop, Ste. B Southlake, TX 76092 ATTN: Mr. John Waskow Phone: (817) 410-7202 Fax: (817) 424-8463	750 Performance Testing, Inc. 14523 169th Dr SE, Ste. 799 Monroe, WA 98272 Attn: Mr. John DeRose Phone: (360) 805-5171 Fax: (360) 805-5263
200 Bowser-Morner, Inc. 4518 Taylorsville Road Dayton, OH 45424 Attn: Mr. Jim Duncan Phone: (937) 236-8805 Fax: (937) 237-9947	900 Rone Engineers, Ltd. 8908 Ambassador Row Dallas, TX 75247 Attn: Mr. Jack Gary Phone: (214) 630-9745 Fax: (214) 630-9819
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 Website: www.cclwest.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
275 ETC Laboratories 297 Buell Road Rochester, NY 14624 Attn: Mr. David Kehrl Phone: (585) 328-7668 Fax: (585) 328-7777 Website: www.etclabs.com	550 STORK-Southwestern Laboratories 222 Cavalcade Street Houston, TX 77009-3212 Attn: Mr. Terry Wilt Phone: (713) 692-9151 Fax: (713) 696-6205
285 Fenestration Testing Laboratory, Inc. 1677 West 31st Place Hialeah, FL 33012 Attn: Mr. Roberto Robleto Phone: (305) 819-7877 Fax: (305) 819-7998	

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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