



safety glazing certification council

CHRISTINE'S COPY

July 1, 2002

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

July 1, 2002

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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~ TABLE OF CONTENTS ~

	PAGE
ANSI Z97.1-1984	1
CPSC 16 CFR 1201	1
Meetings of the Certification Committee	3
Roster.	3
Program Concept	7
Procedural Guide	8
Certification Guidelines and Interpretations	12
SGCC® Label Requirements.	23
CPSC Act Labeling Requirements.	24
Classified Tempered Glass Patterns	25
Certified Products (Numerical Sequence)	26
Certified Products (Alphabetically By Plant)	31
Certified Products (By Product Type).	40
Licensees and Their Typical Labels	56
SGCC® Approved Laboratories	60

July 1, 2002

~ MEETINGS OF THE CERTIFICATION COMMITTEE ~

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

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

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

~ ADMINISTRATION ~

Administrator: Administrative Management Systems, Inc. (AMS)
PO Box 9
Henderson Harbor, NY 13651
Telephone: 315-646-2234
Fax: 315-646-2297
E-mail: jgkent@gisco.net
Web Page: sgcc.org

Administrative Staff: John G. Kent, Administrative Manager
Christine Flitcroft, Administrative Assistant

~ ROSTER ~

~ SGCC® BOARD OF DIRECTORS ~

~ SGCC® OFFICERS ~

President	Carl Carmen
Vice President	Al Hunsicker
Secretary	June Willcott
Treasurer	Elaine S. Rodman

~ REPRESENTING PUBLIC INTEREST ~

Mr. William Nugent
Wiss, Janney, Elstner Associates, Inc.
330 Pfingsten Rd
Northbrook IL 60062-2095
Telephone: 847-272-7400
Fax: 847-291-9599

Ms. June Willcott
Willcott Engineering, Inc.
1727 North State Road 7
Margate, FL 33063
Telephone: 954-975-7979
Fax: 954-975-7509

Ms. Elaine S. Rodman
The Rodman Group
1100 Middle Road
Glenshaw, PA 15116
Telephone: 412-486-6384
Fax: 412-486-6387

Mr. Donald Vild
Donald J. Vild Associates
P.O. Box 7514
Oregon, OH 43616
Telephone: 419-693-8929
Fax: 419-693-8702

July 1, 2002

~ REPRESENTING INDUSTRY ~

Mr. Carl Carmen
Consolidated Glass Co.
1150 N Cedar St.
New Castle PA 16103
Telephone: 724-658-4541
Fax: 724-654-0002

Mr. Al Hunsicker
Warp Bros-Flex-O-Glass Inc.
1100 N. Cicero Avenue
Chicago, IL 60651
Telephone: 773-261-5200
Fax: 773-261-5204

Mr. Lyle Krohnberg
Viracon Inc.
P.O. Box 990
Owatonna, MN 55060
Telephone: 507-451-9555
Fax: 507-444-3555

Mr. Donald Sokol
~~Ardeo Inc.~~ *Temberpent Glass LP*
12400 S. Laramie Ave.
Chicago, IL 60658
Telephone: 708-388-4300
Fax: 708-388-0952
~~Donald.Sokol@carrier-gate.com~~

~ Honorary Non-Voting Lifetime Member ~

Mr. Norman Nitschke
Glasstech. Inc.
Ampoint Industrial Park, 995 Fourth Street
Perrysburg OH 43551
Telephone: 419-661-9500

*+ BOB MESS
GEMTRON
VINNENES*

~ COMMUNICATIONS ~

In all matters concerning the administration and implementation of the SGCC® certification program, correspondence may be directed to any of the following:

Mr. Carl Carmen
SGCC® President
c/o Consolidated Glass Co.
1150 N Cedar St.
New Castle PA 16103
Telephone: 724-658-4541

Mr. Mark B. Cody, Chairman
SGCC® Certification Committee
c/o AFG Industries
PO Box 929
Kingsport, TN 37662
Telephone: 423-229-7222

Mr. John G. Kent
Program Administrator
Administrative Management Systems, Inc. (AMS)
P.O. Box 9
Henderson Harbor, NY 13651
Telephone: 315-646-2234

~ LEGAL COUNSEL ~

William M. Hannay, Esq.
Schiff Hardin & Waite
7200 Sears Tower
Chicago IL 60606
Telephone: 312-258-5617
Fax: 312-258-5600

~ FINANCIAL AUDITORS ~

David Bowles - *ext. 16*
Kane, Bowles & Moore
209 Second Street
Liverpool NY 13088
Telephone: 315-451-6167
Fax: 315-451-6093

*GUNNY BENDER
312/258-4955*

July 1, 2002

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	
Anthony International	Ben Downing		
Arch Aluminum & Glass Co.			
Architectural Safety Glass	George Sutorka		
Ardco Inc.	Donald Sokol	Randy Schaefer	Tom Byrne
Bendheim Wall Systems Inc.			
Berkowitz, J.E.	Jim Stinsman		
Bronco Industries Inc.			
Cameron Glass, Inc.	Richard Paschel		
Cardinal IG	Robert Spindler	Oak Moser	
Cheil Glass Industrial Co., Inc.			
Coastal Glass Distributors			
Colonial Mirror & Glass Corp.	A. Alex Weiner	George Weiner	
Commercial Insulating Glass Co.	Jeff Winsler		
Consolidated Glass Corp.	Carl Carmen	Louis Merryman	
Contour Industries Inc.	Scott Stidham	Lee Mulkey	
Contract Glass Service, Inc.			
Coraglass Inc.	Patrick Conner		
Craftsman Tempered Glass			
D & W, Incorporated	Scott Miller	Bob Welty	
Dong Sung Glass Co., Ltd.			
Dongli Tempered Glass Co., Ltd.			
Edge Seal Technologies	Mark Hutchinson		
Efco Corp.			
Elco Glass Industries			
Engineered Glass Products L.L.C.			
Flex-O-Glass Inc.	Harold G. Warp	Alfred R. Hunsicker	
Floral Glass & Mirror	Charles Kaplanek	Paul Bieber	
FTG of NC, LLC			
Galaxy Glass Corp., Inc.			
Gemtron-Sweetwater	Robert A. Moss	Jack Francis	Freida Barr
GGI Glass Distributors Corp.	Bud Hudgins	David S. Balik	
Glass South Africa (PTY) LTD			
Glass, Inc.	Mickey Wilkinson		
Globe Amerada Architectural Glass	Cheri Kellman	Walt Myers	
Goldray, Inc.			
Guardian Canada Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Fabrication Inc.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Guardian Inds. Corp.	Henry A. Gorry	Daphinne Pedreschi	Kevin B. Olah
Henwood Safety Glass			
Inovart USA, Inc.			
Interpane Glass Company		Tony Lee	Jimmy Williams
Kohler Company	Fred Bruce		
Marvin Windows	James Krahn	Doug Steinbring	
Mid Ohio Tempering			
Milgard Tempering Inc.	W. F. Hart	Tom Sugano	
Mirror Factory	Marlan Carlson	Tom Carlson	Lance Smith

July 1, 2002

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Multiver			
Nashville Tempered Glass Corp.			
Oldcastle Glass Perrysburg	Richard Wright	John Bush	John Colapietro
Patio Enclosures Inc.			
PDC Glass & Metal Services	Marc Silverman	Tim Moore	Andy Andeits
PGT Industries			
Pilkington Brasil Ltda.			
PPG Inds. Inc.	Charles Richeson	Mike Bitterice	Bob Fiedor
Prelco Inc.			
Republic Windows & Doors Inc.			
Shaw Glass Co.	Frederic P. Shaw	Troy Johnson	Bill Connell
Sovis North America, Inc.	Mark A. Durfield	Luc-Michel Riblier	
Specialty Building Products			
Summit Window & Patio Door	Lee Dunlop	Steve Jones	
Swift Glass Co., Inc.	Daniel J. Burke	Anthony Speciale	Wayne Brown
Techni-Glass, Inc.			
Tecnoglass S.A.			
Tempered Glass Inc.	Douglas Sampsel	Joel Wrenn	
Traco (Three Rivers Alum)	William R. Deuschle	Brad Fello	
United Plate Glass Co., Inc.			
Unitex Glass Co., Ltd.			
US Precision Glass			
Vetzeria Valentini S.R.L.			
Vidrio Saint Gobain de Mexico			
Vidrios Lirquen S.A.			
Viracon Inc.	Lyle Krohnberg	Mike Diedrich	Roger Skluzacek
Virginia Glass Products Corp.	Robert L. Brown	Benjamin D. Beeler	
Vitemco S.A. - Glasswall, Inc.			
Vitrierie April Inc.			
Vitro Flotado Cubiertas SA de CV	Edgar Valverde Chong	Santiago Galvan Villareal	Adrian Jaramillo Mata
Westshore Glass	Bill Bellis	Todd Elozory	Tucker Kruse

Certification Committee Chairman - Mark Cody

Member by virtue of being a director

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

~PROGRAM CONCEPT~

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

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

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

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

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

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

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

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

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

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

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

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

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

Upon request, information from SGCC® concerning a statement of procedures or copies of minutes, are available to manufacturers, public interest groups, and individuals.

~PROCEDURAL GUIDE~

FOREWORD

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

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

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

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

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

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

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

WHO CAN BECOME A LICENSEE?

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

WHO CONDUCTS THE PROGRAM?

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

ADMINISTRATION

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

HOW CAN YOU BECOME A LICENSEE?

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

- a) The applicant signs two copies of the SGCC® License Agreement (including notarization of the Affidavit, Appendix A) and sends these to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants must include the location and appropriate signatures of their manufacturer for each location.

- b) The applicant directs an SGCC® approved testing laboratory, of its own choosing, to send SGCC® one copy of a valid test report indicating the 'initial' or 'prototype' samples submitted for testing are in full and complete compliance with ANSI Z97.1 and/or 16 CFR 1201.
- c) The applicant sends to SGCC® the six-month certification fee for each item to be certified. This fee must be submitted within 6 months of completion of item b). Failure to do so will result in the need to resubmit item b). (Revised 10/22/93)

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

HOW THE CERTIFICATION PROGRAM WORKS

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

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

ADMINISTRATOR AUTHORIZES CERTIFICATION

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

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

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY

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

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

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED

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

CHALLENGING A CERTIFIED PRODUCT

Complaints of non-compliance, from any source, will be investigated promptly by SGCC® upon receipt of a written complaint and surety deposit. A minimum surety deposit of \$1,000 will be required for each complaint

of non-compliance. The surety deposit will be assessed at the rate of \$350 per man-day plus the reasonable cost of travel and the maintenance entailed in resolving such incidents. Refunds of part or all of the surety deposit will be made when applicable. All costs involved will be paid from the complainant's surety deposit, unless the investigation proves non-compliance, in which case all costs will be borne by the licensee found to be in non-compliance.

WITHDRAWAL OF CERTIFIED PRODUCT

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

COSTS

WHAT DOES THE PROGRAM COST?

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

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

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

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

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

CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS

LICENSE AGREEMENT

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

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

EFFECTIVE DATE, DURATION AND TERMINATION

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

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

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

ADMINISTRATIVE SERVICE AGREEMENT

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

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

CERTIFIED PRODUCTS DIRECTORY

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

CERTIFICATION LABEL

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

PROGRAM RESPONSIBILITY

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

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

- a) establishes certification "guidelines;"
- b) determines, where a question is raised by a licensee or the Administrator, the applicability of the specification(s) in specific situations.
- c) approves testing laboratories;

- d) determines which specifications are to be designated effective for the purposes of product certification and the date or dates on which they become effective;
- e) recommends to the SGCC® Board of Directors changes to be made in the license agreement.

CERTIFICATION GUIDELINES AND INTERPRETATIONS

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

GENERAL

G.1

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

G.2

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

G.3 (ANSI ONLY)

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

G. 4

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

G.5

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

G.6

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

(ANSI ONLY)

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

G.7 (ANSI ONLY)

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

G.8 (ANSI ONLY)

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

G.8 (CPSC ONLY)

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

G.9

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

G.10

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

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

G.11

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

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

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

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

G.12

If a licensee who manufactures or contracts for the manufacture of a certified product outside the United States and Canada feels that in a particular instance that he will be unable to act as provided for in paragraph a) of SGCC® Guideline G.11, he should notify the administrator. The administrator will then contact the chairman of the certification committee for a decision as to what action is to be taken.

G.13 (Deleted 5/6/99)

G.14

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

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

The invoice procedures will be as follows:

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

G.15

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

G.16

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

G.17

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

G.18

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

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

G.19 (Deleted 10/20/89)

G.20

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

G.21

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

G.22

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

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1-1984 and/or 16 CFR 1201 for each alternate pattern proposed.
- c) The certification committee is provided with a 6 by 6-inch sample of each proposed alternate for its record and file. This must be sent to the administrator of the certification program.

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

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

G.23

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

- a) Prior to or within 2 weeks after the shutdown, the licensee shall inform the SGCC® administrator by certified mail.
- b) The SGCC® administrator will immediately supply the licensee with test release bond forms for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within 2 weeks after receipt of the bond forms, the licensee shall submit them to the SGCC® administrator.
- d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will terminate 90 days after acceptance by SGCC® but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein.
- e) Within one week after re-activation of the production facility the licensee shall 1) notify the SGCC® administrator by certified mail and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be

considered as the routine samples for retesting for the six months period during which they are submitted.

- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G. 24

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

G.25 (ANSI ONLY)

When a licensee specifically and voluntarily desires to use a SGCC® permanent label on their product that denotes compliance with ANSI Z97.1-1966, ANSI Z97.1-1972, ANSI Z97.1-1975, and ANSI Z97.1-1984 or combination thereof, that they notify SGCC® in writing of the certified item that they desire to so mark. SGCC® will, at the request of the licensee, conduct compliance tests to ANSI Z97.1-1966, 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 of the ANSI Z97.1 standard. The licensee shall pay any costs involved.

G.26

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

G. 27

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

G. 28

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

G. 29

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

G. 30

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

G.31

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

G.32 (CPSC ONLY)

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

G.33

If a manufacturing plant for which a product is certified is sold, the new owner or licensee must take the

following steps to maintain certification:

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

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

TEMPERED TRANSPARENT GLASS

T.1

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

T.2

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

T.3

Certification of regular tempered glass will also cover tinted, heat absorbing, and coated glasses of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate. A "substantial alteration" is one that would render the coated tempered glass in non-conformance with the applicable safety glazing standards. Glasses of the same nominal thickness with a ceramic or other 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 test shall be conducted on bent specimens sampled from normal production run. The specimen size shall have a surface area of at least 50 percent of the maximum size for which certification is desired. Routine tests will be performed on bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side of the curved edges. Impact shall be on the convex surface.

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon

successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass.

TEMPERED PATTERNED GLASS

TP. 1

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

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

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

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

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

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

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

TP. 2

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

TP.3

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

TP.4

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

TP.5

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

TP.6

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

LAMINATED GLASS

L.1

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

L.2

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

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

L.3

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

L.4

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

L.5

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

L.6

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

L.7

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

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

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

L.8

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

L.9

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

WIRED GLASS (ANSI ONLY)

W.1

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

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

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

PLASTICS - GENERAL (ANSI Only)

P.1

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

P.2

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

P.3

The following thickness tolerances shall be used for certification purposes:

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

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

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

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

P.4

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

P.5

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

PLASTICS - EXTERIOR USE (ANSI Only)

PE. 1 (ANSI ONLY)

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

PE. 2

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

PE. 3

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

PE.4

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

PLASTICS - INDOOR USE ONLY (ANSI Only)

PI.1

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

PI.2

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

PI.3

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

LEADED PATTERNED ANNEALED GLASS - (ANSI ONLY)

LG. 1

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

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

LG .2

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

- a) All aspects of the product except diamond size is the same as the certified product.
- b) The administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1-1984 for each alternate size diamond proposed.
- c) The certification committee is provided with a 6 by 6 inch or a proper and representative sample of each proposed alternate for its record and file. This must be sent to the administrator of the certification program.

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

LG .3

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

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

ORGANIC COATED GLASS

AG.1

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

AG .2

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

(ANSI ONLY)

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

July 1, 2002

~SGCC® LABEL REQUIREMENTS~

GENERAL

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

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

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

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

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

EXAMPLES

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

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

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

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

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

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

EXAMPLES

SGCC® Licensee or Primary Producer

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

Authorized Distributor or Installer

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

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

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

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

ANSI (ONLY)

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

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

CPSC (ONLY)

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

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

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

CPSC ACT LABELING REQUIREMENTS

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

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

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

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

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

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

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

1/8 inch medium

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

1/8 inch deep

(10) Autumn

5/32 inch shallow

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

5/32 inch medium

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

5/32 inch deep

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

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

3/16 inch medium

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

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

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

7/32 inch shallow

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

7/32 inch medium

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

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

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

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

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

July 1, 2002

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12	Virginia Glass Products Corp.	934	Guardian Inds. Corp.	1308	Traco (Three Rivers Alum)
14	Virginia Glass Products Corp.	935	Oldcastle Glass Los Angeles	1310	Traco (Three Rivers Alum)
24	AFG Inds. Inc.-TN	949	AFG Inds. Inc.-TN	1311	Traco (Three Rivers Alum)
28	AFG Inds. Inc.-TN	955	AFG Inds. Inc.-TN	1316	Guardian Inds. Corp.
40	Guardian Inds. Corp.	968	Guardian Inds. Corp.	1318	Guardian Inds. Corp.
64	PPG Inds. Inc.	969	Guardian Inds. Corp.	1332	Gemtron-Sweetwater
89	AFG Inds. Inc.-TN	970	Guardian Inds. Corp.	1334	Gemtron-Sweetwater
90	AFG Inds. Inc.-TN	971	Guardian Inds. Corp.	1355	Guardian Fabrication Inc.
93	Virginia Glass Products Corp.	999	Anthony International	1356	Guardian Fabrication Inc.
94	Virginia Glass Products Corp.	1000	Anthony International	1357	Guardian Fabrication Inc.
95	Virginia Glass Products Corp.	1035	Shaw Glass Co.	1358	Guardian Fabrication Inc.
118	Flex-O-Glass Inc.	1036	Shaw Glass Co.	1359	Guardian Fabrication Inc.
131	Guardian Inds. Corp.	1037	Shaw Glass Co.	1382	Oldcastle Glass Bensenville
185	US Precision Glass	1039	Oldcastle Glass Perrysburg	1383	Oldcastle Glass Bensenville
186	US Precision Glass	1041	Ardco Inc.	1384	Oldcastle Glass Bensenville
188	US Precision Glass	1042	Ardco Inc.	1390	AFG Inds. Inc.-TN
220	AFG Inds. Inc.-TN	1050	US Precision Glass	1403	Viracon Inc.
249	PPG Inds. Inc.	1073	Interpane Glass Company	1404	Viracon Inc.
250	PPG Inds. Inc.	1074	Interpane Glass Company	1405	American Flat Glass Dist.
295	PPG Inds. Inc.	1075	Interpane Glass Company	1406	American Flat Glass Dist.
300	Guardian Fabrication Inc.	1076	Interpane Glass Company	1414	AFG Inds. Inc.-TN
382	PPG Inds. Inc.	1077	Interpane Glass Company	1416	Nashville Tempered Glass Corp.
400	ACI Distribution	1107	ACI Distribution	1417	Nashville Tempered Glass Corp.
402	ACI Distribution	1108	ACI Distribution	1420	Oldcastle Glass Perrysburg
471	Guardian Fabrication Inc.	1110	PPG Inds. Inc.	1422	Gemtron-Sweetwater
514	Oldcastle Glass Los Angeles	1111	PPG Inds. Inc.	1424	Gemtron-Sweetwater
515	Oldcastle Glass Los Angeles	1112	PPG Inds. Inc.	1428	American Flat Glass Dist.
516	Oldcastle Glass Los Angeles	1113	PPG Inds. Inc.	1452	US Precision Glass
520	Anthony International	1139	AFG Inds. Inc.-TN	1453	AFGD
587	AFG Inds. Inc.-TN	1157	ACI Distribution	1454	AFGD
592	Oldcastle Glass Perrysburg	1161	Guardian Inds. Corp.	1455	AFGD
594	Oldcastle Glass Perrysburg	1179	ACI Distribution	1456	AFGD
595	Oldcastle Glass Perrysburg	1201	Gemtron-Sweetwater	1457	AFGD
598	AFG Inds. Inc.-TN	1216	Guardian Fabrication Inc.	1462	Guardian Canada Corp.
630	Oldcastle Glass Los Angeles	1225	ACI Distribution	1467	Nashville Tempered Glass Corp.
631	Guardian Inds. Corp.	1230	American Flat Glass Dist.	1477	Gemtron-Sweetwater
633	Guardian Inds. Corp.	1231	American Flat Glass Dist.	1485	AFGD, Div. of AFG Inds. Ltd.
640	ACI Distribution	1232	American Flat Glass Dist.	1486	AFGD, Div. of AFG Inds. Ltd.
654	US Precision Glass	1235	Guardian Fabrication Inc.	1489	AFGD, Div. of AFG Inds. Ltd.
662	Guardian Fabrication Inc.	1248	Guardian Inds. Corp.	1496	ACI Distribution
675	PPG Inds. Inc.	1249	Guardian Inds. Corp.	1497	ACI Distribution
676	PPG Inds. Inc.	1250	Guardian Inds. Corp.	1498	ACI Distribution
678	Oldcastle Glass Los Angeles	1251	Guardian Inds. Corp.	1508	Viracon Inc.
862	Tempered Glass Inc.	1253	Guardian Inds. Corp.	1509	Viracon Inc.
863	Tempered Glass Inc.	1282	Guardian Inds. Corp.	1518	AFGD-MA
865	Tempered Glass Inc.	1301	Guardian Inds. Corp.	1519	AFGD-MA
866	Tempered Glass Inc.	1303	Guardian Inds. Corp.	1520	AFGD-MA
933	Guardian Inds. Corp.	1304	Guardian Inds. Corp.	1521	AFGD-MA
				1522	AFGD-MA

July 1, 2002

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1523	AFGD-MA	1644	ACI Distribution	1799	Summit Window & Patio Door
1535	ACI Distribution	1645	ACI Distribution	1800	Summit Window & Patio Door
1536	Oldcastle Glass Bensenville			1801	Summit Window & Patio Door
1546	Floral Glass & Mirror	1652	Oldcastle Glass Telford	1803	Guardian Inds. Corp.
1547	Floral Glass & Mirror	1663	AFG Inds. Inc.-CA		
		1664	AFG Inds. Inc.-CA	1804	Cardinal TG
1548	Floral Glass & Mirror	1665	Guardian Inds. Corp.	1805	Cardinal TG
1549	Floral Glass & Mirror	1668	Globe Amerada Architectural Glass	1806	Cardinal TG
1550	Floral Glass & Mirror			1807	Cardinal TG
1551	Floral Glass & Mirror	1676	Contour Industries Inc.	1826	Guardian Inds. Corp.
1555	Swift Glass Co., Inc.	1677	Contour Industries Inc.		
1556	Swift Glass Co., Inc.	1678	Contour Industries Inc.	1827	Cardinal IG
1557	Swift Glass Co., Inc.	1680	Contour Industries Inc.	1828	Cardinal IG
1558	Swift Glass Co., Inc.	1683	Guardian Inds. Corp.	1829	Cardinal IG
1559	Swift Glass Co., Inc.	1689	Marvin Windows	1830	Cardinal IG
1563	Ardco Inc.	1690	Marvin Windows	1831	Cardinal IG
1564	Ardco Inc.	1691	Marvin Windows	1832	Cardinal IG
1565	Ardco Inc.	1701	Marvin Windows	1833	Cardinal IG
1575	Guardian Fabrication Inc.	1702	AFG Inds. Inc.-KS	1834	Cardinal IG
1576	Guardian Fabrication Inc.			1841	Cardinal IG
1577	Guardian Fabrication Inc.	1703	AFG Inds. Inc.-KS	1842	Cardinal IG
		1704	AFG Inds. Inc.-KS		
1578	Milgard Tempering Inc.	1705	AFG Inds. Inc.-KS	1843	Cardinal IG
1595	Oldcastle Glass Schofield	1708	American Flat Glass Dist.	1844	Cardinal IG
1596	Oldcastle Glass Schofield	1709	American Flat Glass Dist.	1845	Cardinal IG
1597	Oldcastle Glass Schofield			1846	Cardinal IG
1603	PPG Inds. Inc.	1710	American Flat Glass Dist.	1847	Colonial Mirror & Glass Corp.
		1711	American Flat Glass Dist.		
1604	PPG Inds. Inc.	1712	American Flat Glass Dist.	1848	Colonial Mirror & Glass Corp.
1605	PPG Inds. Inc.	1714	American Flat Glass Dist.	1861	ACI Distribution
1606	PPG Inds. Inc.	1723	Marvin Windows	1862	Oldcastle Glass Schofield
1607	Guardian Fabrication Inc.			1864	Sovis North America, Inc.
1608	Oldcastle Glass Los Angeles	1724	Marvin Windows	1865	Guardian Inds. Corp.
		1728	ACI Distribution		
1609	Oldcastle Glass Los Angeles	1744	Oldcastle Glass Miami	1866	Guardian Inds. Corp.
1611	Oldcastle Glass Los Angeles	1745	Oldcastle Glass Miami	1867	Guardian Inds. Corp.
1616	Guardian Fabrication Inc.	1746	Oldcastle Glass Miami	1868	Guardian Inds. Corp.
1617	AFGD			1870	AFGD
1618	AFGD	1747	Oldcastle Glass Miami	1871	Shaw Glass Co.
1627	Guardian Inds. Corp.	1754	All Team Glass & Mirror Ltd.		
1628	Guardian Inds. Corp.	1755	All Team Glass & Mirror Ltd.	1872	AFGD, Div. of AFG Inds. Ltd.
1629	Guardian Inds. Corp.	1756	All Team Glass & Mirror Ltd.	1873	AFGD, Div. of AFG Inds. Ltd.
1630	Guardian Inds. Corp.	1757	All Team Glass & Mirror Ltd.	1874	AFGD, Div. of AFG Inds. Ltd.
1631	Guardian Inds. Corp.	1758	All Team Glass & Mirror Ltd.	1875	AFGD, Div. of AFG Inds. Ltd.
		1784	PDC Glass & Metal Services	1879	Oldcastle Glass Telford
1632	Guardian Inds. Corp.	1785	PDC Glass & Metal Services	1880	Oldcastle Glass Telford
1633	Guardian Inds. Corp.	1786	PDC Glass & Metal Services	1881	Oldcastle Glass Telford
1634	Guardian Inds. Corp.	1787	PDC Glass & Metal Services	1882	Guardian Inds. Corp.
1635	Guardian Inds. Corp.			1886	Guardian Inds. Corp.
1637	Viracon Inc.	1788	PDC Glass & Metal Services	1889	Commercial Insulating Glass Co.
		1789	PDC Glass & Metal Services		
1641	AFG Inds. Inc.-CA	1790	PDC Glass & Metal Services	1890	Commercial Insulating Glass Co.
1642	ACI Distribution	1796	Oldcastle Glass Schofield	1891	Commercial Insulating Glass Co.
1643	ACI Distribution	1797	Oldcastle Glass Schofield	1892	Commercial Insulating Glass Co.
				1901	Efco Corp.
		1798	Oldcastle Glass Schofield	1902	Efco Corp.

July 1, 2002

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1908	Coraglass Inc.	1997	Vitrierie April Inc.	2063	Vitrierie April Inc.
1909	Coraglass Inc.	1998	Consolidated Glass Corp.	2067	Cardinal CG
1910	Coraglass Inc.			2068	Cardinal CG
1911	Coraglass Inc.	1999	Consolidated Glass Corp.	2069	Cardinal CG
1914	Architectural Safety Glass	2002	Consolidated Glass Corp.		
		2003	Consolidated Glass Corp.	2070	Cardinal CG
1915	Mirror Factory	2004	Consolidated Glass Corp.	2071	Cardinal CG
1919	ACI Distribution	2005	Consolidated Glass Corp.	2074	Oldcastle Glass Los Angeles
1921	Cardinal CG			2075	Oldcastle Glass Los Angeles
1922	Cardinal CG	2006	Ardco Inc.	2077	ACI Distribution
1923	Cardinal CG	2007	Cardinal CG		
		2008	Cardinal CG	2101	Coastal Glass Distributors
1924	Cardinal CG	2009	Cardinal CG	2102	Coastal Glass Distributors
1925	AFG Inds. Inc.-CA	2010	Cardinal CG	2103	Coastal Glass Distributors
1929	Colonial Mirror & Glass Corp.			2104	Coastal Glass Distributors
1938	Sovis North America, Inc.	2011	Cardinal CG	2107	Coastal Glass Distributors
1939	Shaw Glass Co.	2012	Cardinal CG		
1945	AFGD, Div. of AFG Inds. Ltd.	2013	Cardinal CG	2108	Coastal Glass Distributors
1946	Guardian Inds. Corp.	2014	Oldcastle Glass Telford	2109	Coastal Glass Distributors
1947	Guardian Inds. Corp.	2015	Prelco Inc.	2121	Specialty Building Products
1951	Ardco Inc.	2020	Guardian Inds. Corp.	2133	Tecnoglass S.A.
1957	American Flat Glass Dist.	2021	Guardian Inds. Corp.	2134	Tecnoglass S.A.
		2022	Guardian Inds. Corp.	2135	Tecnoglass S.A.
1958	American Flat Glass Dist.	2023	Guardian Inds. Corp.	2141	Guardian Walled Lake Fab.
1959	American Flat Glass Dist.	2024	Guardian Inds. Corp.	2142	Guardian Walled Lake Fab.
1962	Coraglass Inc.			2143	Efco Corp.
1963	Coraglass Inc.	2027	D & W, Incorporated	2144	Coraglass Inc.
1964	Coraglass Inc.	2028	D & W, Incorporated		
		2029	D & W, Incorporated	2145	Coraglass Inc.
1967	American Flat Glass Dist.	2030	D & W, Incorporated	2146	Cardinal CG
1971	Westshore Glass	2032	Cameron Glass, Inc.	2147	Cardinal CG
1972	Westshore Glass			2148	Cardinal CG
1973	Westshore Glass	2033	Cameron Glass, Inc.	2157	Mid Ohio Tempering
1974	Westshore Glass	2034	Prelco Inc.		
		2035	Prelco Inc.	2158	Mid Ohio Tempering
1978	Westshore Glass	2037	Prelco Inc.	2159	Mid Ohio Tempering
1979	Kohler Company	2042	Interpane Glass Company	2160	AFGD-MA
1980	Kohler Company			2166	Cardinal LG
1981	Kohler Company	2043	Interpane Glass Company	2167	Cardinal LG
1982	Kohler Company	2044	Interpane Glass Company		
		2045	Interpane Glass Company	2170	Mid Ohio Tempering
1983	Kohler Company	2048	Prelco Inc.	2171	Summit Window & Patio Door
1984	Kohler Company	2050	Edge Seal Technologies	2172	Summit Window & Patio Door
1985	Cardinal CG			2175	Arch Ohio, Inc. dba American Gl
1986	Cardinal CG	2051	Edge Seal Technologies	2176	Cardinal IG
1987	Cardinal CG	2052	Edge Seal Technologies		
1988	Cardinal CG	2053	Oldcastle Glass Bensenville	2177	Cardinal IG
1990	Berkowitz, J.E.	2054	American Flat Glass Dist.	2178	Cardinal IG
1991	Berkowitz, J.E.	2055	Edge Seal Technologies	2179	Cardinal IG
1992	Sovis North America, Inc.	2056	Patio Enclosures Inc.	2182	Virginia Glass Products Corp.
1993	Tecnoglass S.A.	2057	Patio Enclosures Inc.	2185	Glass, Inc.
		2058	Patio Enclosures Inc.	2186	Glass, Inc.
1994	Tecnoglass S.A.	2059	Patio Enclosures Inc.	2187	Glass, Inc.
1995	Tecnoglass S.A.	2060	Consolidated Glass Corp.	2188	Glass, Inc.
1996	Vitrierie April Inc.			2189	Glass, Inc.
		2062	Vitrierie April Inc.	2190	Glass, Inc.

July 1, 2002

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2193	Glass, Inc.	2260	Guardian Inds. Corp.	2326	Interpane Glass Company
2196	American Flat Glass Dist.	2261	Guardian Inds. Corp.	2327	US Precision Glass
2197	American Flat Glass Dist.	2262	Guardian Inds. Corp.	2328	Cardinal IG
2198	American Flat Glass Dist.	2263	Ardco Inc.	2329	Cardinal IG
2199	American Flat Glass Dist.	2265	Vidrio Saint Gobain de Mexico	2330	Cardinal IG
2200	American Flat Glass Dist.	2267	Vidrio Saint Gobain de Mexico	2331	Cardinal IG
2203	Cardinal IG	2268	Vidrio Saint Gobain de Mexico	2332	Vidrio Saint Gobain de Mexico
2204	Cardinal IG	2269	Vidrio Saint Gobain de Mexico	2333	Vidrio Saint Gobain de Mexico
2205	Cardinal IG	2274	Republic Windows & Doors Inc.	2335	Craftsman Tempered Glass
2206	AFG Inds. Inc.-TN	2276	Republic Windows & Doors Inc.	2336	Craftsman Tempered Glass
2210	Oldcastle Glass Indianapolis	2277	Republic Windows & Doors Inc.	2337	Craftsman Tempered Glass
2211	Oldcastle Glass Indianapolis	2279	Cheil Glass Industrial Co., Inc.	2338	Craftsman Tempered Glass
2212	Oldcastle Glass Indianapolis	2280	Cheil Glass Industrial Co., Inc.	2339	Craftsman Tempered Glass
2213	Oldcastle Glass Indianapolis	2281	Cheil Glass Industrial Co., Inc.	2340	Craftsman Tempered Glass
2214	Oldcastle Glass Indianapolis	2282	GGI Glass Distributors Corp.	2342	Craftsman Tempered Glass
2215	Oldcastle Glass Indianapolis	2283	GGI Glass Distributors Corp.	2351	Sovis North America, Inc.
2216	Oldcastle Glass Indianapolis	2284	American Flat Glass Dist.	2352	Sovis North America, Inc.
2217	PDC Glass of Michigan Inc.	2285	Cardinal IG	2353	Sovis North America, Inc.
2218	PDC Glass of Michigan Inc.	2286	Cardinal IG	2354	Consolidated Glass Corp.
2219	PDC Glass of Michigan Inc.	2287	Tecnoglass S.A.	2355	Consolidated Glass Corp.
2220	PDC Glass of Michigan Inc.	2289	Anthony International	2357	Cardinal CG
2222	PDC Glass of Michigan Inc.	2290	Interpane Glass Company	2358	Cardinal CG
2223	PDC Glass of Michigan Inc.	2293	Cardinal CG	2359	Cardinal CG
2224	PDC Glass of Michigan Inc.	2294	Cardinal CG	2360	Cardinal CG
2226	GGI Glass Distributors Corp.	2295	Cardinal CG	2364	Viracon, Inc.
2227	GGI Glass Distributors Corp.	2296	Cardinal CG	2365	Tecnoglass S.A.
2228	GGI Glass Distributors Corp.	2298	Dong Sung Glass Co., Ltd.	2366	Vidrio Saint Gobain de Mexico
2229	PDC Glass of Michigan Inc.	2300	Cardinal LG	2368	ACI Distribution
2230	Dong Sung Glass Co., Ltd.	2301	Cardinal LG	2369	Vitro Flotado Cubiertas SA de CV
2231	Cardinal IG	2302	Virginia Glass Products Corp.	2370	Vitro Flotado Cubiertas SA de CV
2232	Cardinal IG	2304	Sovis North America, Inc.	2371	Vitro Flotado Cubiertas SA de CV
2233	Cardinal IG	2305	Sovis North America, Inc.	2372	Vitro Flotado Cubiertas SA de CV
2234	Cardinal IG	2306	Sovis North America, Inc.	2373	Vitro Flotado Cubiertas SA de CV
2235	Cardinal IG	2307	Sovis North America, Inc.	2374	Vitro Flotado Cubiertas SA de CV
2236	Colonial Mirror & Glass Corp.	2308	Oldcastle Glass Bensenville	2381	Prelco Inc.
2237	Colonial Mirror & Glass Corp.	2309	Specialty Building Products	2382	Guardian Inds. Corp.
2238	Colonial Mirror & Glass Corp.	2310	Viracon, Inc.	2383	Contract Glass Service, Inc.
2240	Cardinal LG	2311	Viracon, Inc.	2384	Contract Glass Service, Inc.
2241	Oldcastle Glass Miami	2314	Viracon, Inc.	2385	Contract Glass Service, Inc.
2242	Bronco Industries Inc.	2317	Cardinal IG	2386	Contract Glass Service, Inc.
2243	Bronco Industries Inc.	2318	Cardinal IG	2387	Contract Glass Service, Inc.
2244	Bronco Industries Inc.	2319	Cardinal IG	2388	Contract Glass Service, Inc.
2245	Bronco Industries Inc.	2320	Cardinal IG	2389	PGT Industries
2246	Bronco Industries Inc.	2321	Cardinal IG	2390	PGT Industries
2247	Bronco Industries Inc.	2322	Cardinal IG	2391	PGT Industries
2248	Sovis North America, Inc.	2323	Cardinal IG	2397	Cardinal IG
2249	AFG Inds. Inc.-TN	2324	Interpane Glass Company	2399	Cardinal IG
2259	Guardian Inds. Corp.	2325	Interpane Glass Company		

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2400	Elco Glass Industries	2460	Guardian Inds. Corp.	2544	Vitrierie April Inc.
2401	Elco Glass Industries	2461	Guardian Inds. Corp.	2545	Guardian Inds. Corp.
2402	Elco Glass Industries	2462	Cardinal LG	2546	Pilkington Brasil Ltda.
2403	Elco Glass Industries	2463	Cardinal LG	2547	Techni-Glass, Inc.
2404	Elco Glass Industries	2464	Cardinal LG	2548	Techni-Glass, Inc.
2405	Elco Glass Industries	2465	Tecnoglass S.A.	2549	Techni-Glass, Inc.
2406	American Flat Glass Dist.	2466	Tecnoglass S.A.	2550	Techni-Glass, Inc.
2407	AFG Inds. Inc.-TN	2467	United Plate Glass Co., Inc.	2551	FTG of NC, LLC
2410	AFG Coatings	2468	United Plate Glass Co., Inc.	2553	FTG of NC, LLC
2411	AFG Coatings	2469	United Plate Glass Co., Inc.	2554	FTG of NC, LLC
2412	AFG Coatings	2470	United Plate Glass Co., Inc.		
2413	AFG Coatings	2471	United Plate Glass Co., Inc.	2556	FTG of NC, LLC
2414	AFG Coatings	2472	United Plate Glass Co., Inc.	2557	FTG of NC, LLC
2415	AFG Coatings	2479	American Flat Glass Dist.	2560	FTG of NC, LLC
2417	Nashville Tempered Glass Corp.	2480	American Flat Glass Dist.	2562	Coastal Glass Distributors
2418	ACI Distribution	2488	Traco (Three Rivers Alum)	2563	Coastal Glass Distributors
2419	Galaxy Glass Corp., Inc.	2489	Traco (Three Rivers Alum)	2564	Cardinal LG
2420	Nashville Tempered Glass Corp.	2490	Traco (Three Rivers Alum)	2565	Cardinal LG
2421	Glass South Africa (PTY) LTD	2491	Mid Ohio Tempering	2566	Guardian Walled Lake Fab.
2422	Glass South Africa (PTY) LTD	2492	Westshore Glass	2567	Guardian Walled Lake Fab.
2423	Vetzeria Valentini S.R.L.	2493	Arch Aluminum & Glass Co.	2568	Inovart USA, Inc.
2424	Vetzeria Valentini S.R.L.	2494	Nashville Tempered Glass Corp.	2569	Bendheim Wall Systems Inc.
2425	PGT Industries	2495	Arch Ohio, Inc. dba American Glassmith	2570	Bendheim Wall Systems Inc.
2426	PGT Industries	2496	Arch Ohio, Inc. dba American Glassmith	2572	Unitex Glass Co., Ltd.
2427	PGT Industries	2497	Nashville Tempered Glass Corp.	2573	Unitex Glass Co., Ltd.
2428	PGT Industries	2498	Multiver	2574	Unitex Glass Co., Ltd.
2429	PGT Industries	2499	Multiver	2575	Unitex Glass Co., Ltd.
2433	Interpane Glass Company	2500	Cameron Glass, Inc.	2576	Unitex Glass Co., Ltd.
2434	Kohler Company	2501	Cameron Glass, Inc.	2577	Unitex Glass Co., Ltd.
2436	ACI Distribution	2502	Guardian Inds. Corp.	2585	Vidrios Lirquen S.A.
2440	Vitemco S.A. - Glasswall, Inc.	2504	Specialty Building Products	2586	Vidrios Lirquen S.A.
2441	Vitemco S.A. - Glasswall, Inc.	2506	Cameron Glass, Inc.	2587	Vidrios Lirquen S.A.
2442	Vitemco S.A. - Glasswall, Inc.	2511	Arch Ohio, Inc. dba American Glassmith	2588	Engineered Glass Products L.L.C.
2443	Inovart USA, Inc.	2512	Coastal Glass Distributors	2589	Engineered Glass Products L.L.C.
2444	Goldray, Inc.	2513	Coastal Glass Distributors	2590	Engineered Glass Products L.L.C.
2445	Goldray, Inc.	2516	Oldcastle Glass Wauseon	2600	Arch Ohio, Inc. dba American Gl
2446	Goldray, Inc.	2517	Oldcastle Glass Wauseon	2601	Tecnoglass S.A.
2447	Goldray, Inc.	2518	Oldcastle Glass Wauseon	2603	Guardian Fabrication Inc.
2448	Goldray, Inc.	2519	Guardian Inds. Corp.	2616	Guardian Fabrication Inc.
2449	Goldray, Inc.	2520	Vitemco S.A. - Glasswall, Inc.	2628	Henwood Safety Glass
2450	Guardian Fabrication Inc.	2521	American Flat Glass Dist.	2636	AFG Insulating
2451	Guardian Fabrication Inc.	2522	American Flat Glass Dist.	2637	AFG Insulating
2453	Sovis North America, Inc.	2523	American Flat Glass Dist.	2638	AFG Insulating
2454	Republic Windows & Doors Inc.	2524	Tecnoglass S.A.	2639	AFG Insulating
2455	Cameron Glass, Inc.	2527	Coastal Glass Distributors		
2457	Cameron Glass, Inc.	2528	Coastal Glass Distributors		
2458	Guardian Inds. Corp.	2533	Dongli Tempered Glass Co., Ltd.		
2459	Guardian Inds. Corp.	2539	Ardco Inc.		
		2543	Vitrierie April Inc.		

July 1, 2002

8/14/02 - Add Plant
ACI - Stockton, CA
SG #s 2604-8 261-14

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
ACI Distribution ; Dallas, TX						AFG Inds. Inc.-TN ; Kingsport, TN					
1919	COMPOSITE	1/8	3.0	TTG	U	1390	COMPOSITE	1/8	3.0	TTG	U
400	COMPOSITE	3/16	5.0	TTG	U	949	COMPOSITE	5/32	4.0	TTG	U
402	COMPOSITE	1/4	6.0	TTG	U	28	COMPOSITE	3/16	5.0	TTG	U
1107	COMPOSITE	3/8	10.0	TTG	U	24	COMPOSITE	1/4	6.0	TTG	U
1108	COMPOSITE	1/2	12.0	TTG	U	2407	COMPOSITE	7/64	2.8	TPG (s)	U
1225	COMPOSITE	3/4	19.0	TTG	U	1414	COMPOSITE	1/8	3.0	TPG (m)	U
2418	ANSI ONLY	1/8	3.0	TPG	U	2249	COMPOSITE	5/32	4.0	TPG (m)	U
1728	COMPOSITE	3/16	4.8	TPG (s)	U	2206	COMPOSITE	3/16	4.8	TPG (d)	U
ACI Distribution ; Greensboro, NC						AFG Insulating ; Riverside, CA					
1642	COMPOSITE	3/16	5.0	TTG	U	2636	COMPOSITE	1/8	3.0	TTG	U
1643	COMPOSITE	1/4	6.0	TTG	U	2637	COMPOSITE	5/32	4.0	TTG	U
1644	COMPOSITE	3/8	10.0	TTG	U	2638	COMPOSITE	3/16	5.0	TTG	U
1645	COMPOSITE	1/2	12.0	TTG	U	2639	COMPOSITE	1/4	6.0	TTG	U
2077	COMPOSITE	3/16	4.8	TPG (s)	U	AFGD ; Tulsa, OK					
ACI Distribution ; Santa Clara, CA						1453	COMPOSITE	1/8	3.0	TTG	U
2436	COMPOSITE	3/16	5.0	TTG	U	1870	COMPOSITE	5/32	4.0	TTG	U
1496	COMPOSITE	1/4	6.0	TTG	U	1454	COMPOSITE	3/16	5.0	TTG	U
1497	COMPOSITE	3/8	10.0	TTG	U	1455	COMPOSITE	1/4	6.0	TTG	U
1498	COMPOSITE	1/2	12.0	TTG	U	1456	COMPOSITE	3/8	10.0	TTG	U
2368	COMPOSITE	3/16	4.8	TPG (s)	U	1457	COMPOSITE	1/2	12.0	TTG	U
ACI Distribution ; Santa Fe Springs, CA						1617	COMPOSITE	5/32	4.0	TPG (s)	U
1157	COMPOSITE	3/16	5.0	TTG	U	1618	COMPOSITE	3/16	4.8	TPG (s)	U
1535	COMPOSITE	1/4	6.0	TTG	U	AFGD, Div. of AFG Inds. Ltd. ; Concord, ON Canada					
1179	COMPOSITE	3/8	10.0	TTG	U	1485	COMPOSITE	1/8	3.0	TTG	U
640	COMPOSITE	1/2	12.0	TTG	U	1486	COMPOSITE	5/32	4.0	TTG	U
1861	COMPOSITE	1/8	3.0	TPG (s)	U	1945	COMPOSITE	3/16	5.0	TTG	U
AFG Coatings ; Hampton, IA						1489	COMPOSITE	1/4	6.0	TTG	U
2410	COMPOSITE	1/8	3.0	TTG	U	AFGD, Div. of AFG Inds. Ltd. ; London, ON Canada					
2411	COMPOSITE	5/32	4.0	TTG	U	1872	COMPOSITE	1/8	3.0	TTG	U
2412	COMPOSITE	3/16	5.0	TTG	U	1873	COMPOSITE	5/32	4.0	TTG	U
2413	COMPOSITE	1/4	6.0	TTG	U	1874	COMPOSITE	3/16	5.0	TTG	U
2414	COMPOSITE	1/8	3.0	TPG (s)	U	1875	COMPOSITE	1/4	6.0	TTG	U
2415	COMPOSITE	3/16	5.0	TPG (s)	U	AFGD-MA ; Fall River, MA					
AFG Inds. Inc.-CA ; Victorville, CA						1518	COMPOSITE	1/8	3.0	TTG	U
1664	COMPOSITE	1/8	3.0	TTG	U	1519	COMPOSITE	3/16	5.0	TTG	U
1641	COMPOSITE	5/32	4.0	TTG	U	1520	COMPOSITE	1/4	6.0	TTG	U
1663	COMPOSITE	3/16	5.0	TTG	U	1521	COMPOSITE	3/8	10.0	TTG	U
1925	COMPOSITE	1/4	6.0	TTG	U	1522	COMPOSITE	1/2	12.0	TTG	U
AFG Inds. Inc.-KS ; Spring Hill, KS						2160	COMPOSITE	5/32	4.0	TPG (s)	U
1702	COMPOSITE	1/8	3.0	TTG	U	1523	COMPOSITE	3/16	4.8	TPG (s)	U
1703	COMPOSITE	5/32	4.0	TTG	U	All Team Glass & Mirror Ltd. ; Woodbridge, ON Canada					
1704	COMPOSITE	3/16	5.0	TTG	U	1754	COMPOSITE	5/32	4.0	TTG	U
1705	COMPOSITE	1/4	6.0	TTG	U	1755	COMPOSITE	3/16	5.0	TTG	U
AFG Inds. Inc.-TN ; Greenland, TN						1756	COMPOSITE	1/4	6.0	TTG	U
598	COMPOSITE	1/8	3.0	TTG	U	1757	COMPOSITE	3/8	10.0	TTG	U
955	COMPOSITE	5/32	4.0	TTG	U	1758	COMPOSITE	1/2	12.0	TTG	U
220	COMPOSITE	3/16	5.0	TTG	U	American Flat Glass Dist. ; Alvarado, TX					
89	COMPOSITE	1/4	6.0	TTG	U	1708	COMPOSITE	1/8	3.0	TTG	U
90	COMPOSITE	3/8	10.0	TTG	U	1709	COMPOSITE	3/16	5.0	TTG	U
587	COMPOSITE	1/8	3.0	TPG (s)	U	1710	COMPOSITE	1/4	6.0	TTG	U
1139	COMPOSITE	3/16	4.8	TPG (s)	U	1711	COMPOSITE	3/8	10.0	TTG	U
						1712	COMPOSITE	1/2	12.0	TTG	U
						2406	COMPOSITE	5/32	4.0	TPG (s)	U
						1714	COMPOSITE	3/16	4.8	TPG (s)	U

9/11/02 - Add Plant
AFG Insulating, Quakertown, PA
SGCC #'s 2509, 2509, 2510,
& 2666 Composite

8/12/02 - Add Plant
AmSCO Windows
Salt Lake City, UT
SG #1's 2578 - 2584 Comp.

July 1, 2002

Certified Products-Alphabetical By Plant

Berkowitz
8/29/02 Add SG 2646 3/8 TTG
& SG 2647 3/4 TTG
Comp

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
American Flat Glass Dist. ; Hebron, OH						Berkowitz, J.E. ; Westville, NJ					
2196	COMPOSITE	1/8	3.0	TTG	U	1990	COMPOSITE	1/4	6.0	TTG	U
2284	COMPOSITE	5/32	4.0	TTG	U	1991	COMPOSITE	1/2	12.0	TTG	U
2197	COMPOSITE	3/16	5.0	TTG	U	Bronco Industries Inc. ; Delta, BC Canada					
2198	COMPOSITE	1/4	6.0	TTG	U	2242	ANSI ONLY	1/8	3.0	TTG	U
2199	COMPOSITE	3/8	10.0	TTG	U	2243	ANSI ONLY	5/32	4.0	TTG	U
2200	COMPOSITE	1/2	12.0	TTG	U	2244	ANSI ONLY	3/16	5.0	TTG	U
American Flat Glass Dist. ; Marietta, GA						2245	ANSI ONLY	1/4	6.0	TTG	U
1405	COMPOSITE	1/8	3.0	TTG	U	2246	ANSI ONLY	3/8	10.0	TTG	U
1967	COMPOSITE	5/32	4.0	TTG	U	2247	ANSI ONLY	1/2	12.0	TTG	U
1230	COMPOSITE	3/16	5.0	TTG	U	Cameron Glass, Inc. ; Broken Arrow, OK					
1231	COMPOSITE	1/4	6.0	TTG	U	2457	COMPOSITE	1/8	3.0	TTG	U
1232	COMPOSITE	3/8	10.0	TTG	U	2500	COMPOSITE	5/32	4.0	TTG	U
1406	COMPOSITE	1/2	12.0	TTG	U	2501	COMPOSITE	3/16	5.0	TTG	U
1428	COMPOSITE	5/32	4.0	TPG (s)	U	2455	COMPOSITE	1/4	6.0	TTG	U
2054	COMPOSITE	3/16	4.8	TPG (m)	U	2032	COMPOSITE	3/8	10.0	TTG	U
American Flat Glass Dist. ; Richmond, VA						2033	COMPOSITE	1/2	12.0	TTG	U
2521	COMPOSITE	1/8	3.0	TTG	U	2506	COMPOSITE	5/8	15.0	TTG	U
2480	COMPOSITE	5/32	4.0	TTG	U	Cardinal CG ; Buford, GA					
2522	COMPOSITE	3/16	5.0	TTG	U	1921	COMPOSITE	1/8	3.0	TTG	U
1957	COMPOSITE	1/4	6.0	TTG	U	1922	COMPOSITE	5/32	4.0	TTG	U
1958	COMPOSITE	3/8	10.0	TTG	U	1923	COMPOSITE	3/16	5.0	TTG	U
1959	COMPOSITE	1/2	12.0	TTG	U	1924	COMPOSITE	1/4	6.0	TTG	U
2479	COMPOSITE	5/32	4.0	TPG (m)	U	2146	CPSC ONLY	1/8	3.0	TPG (s)	U
2523	COMPOSITE	3/16	5.0	TPG (m)	U	2147	CPSC ONLY	5/32	4.0	TPG (s)	U
Anthony International ; San Fernando, CA						2148	CPSC ONLY	3/16	4.8	TPG (s)	U
520	ANSI ONLY	1/8	3.0	TTG	U	Cardinal CG ; Galt, CA					
2289	ANSI ONLY	5/32	4.0	TTG	U	2357	COMPOSITE	1/8	3.0	TTG	U
999	ANSI ONLY	3/16	5.0	TTG	U	2358	COMPOSITE	5/32	4.0	TTG	U
1000	ANSI ONLY	1/4	6.0	TTG	U	2359	COMPOSITE	3/16	5.0	TTG	U
Arch Aluminum & Glass Co. ; Waukesha, WI						2360	COMPOSITE	1/4	6.0	TTG	U
2493	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	Cardinal CG ; Moreno Valley, CA					
Arch Ohio, Inc. dba American Glassmith ; Columbus, OH						2293	CPSC ONLY	1/8	3.0	TTG	U
2511	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	2294	CPSC ONLY	5/32	4.0	TTG	U
2175	COMPOSITE	1/2	12.0	LTG (b) (.030)	U	2295	CPSC ONLY	3/16	5.0	TTG	U
2600	COMPOSITE	1/4	6.0	LSP (b) (.030)	U	2296	CPSC ONLY	1/4	6.0	TTG	U
2495	COMPOSITE	3/8	10.0	LSP (b) (.030)	U	Cardinal CG ; Northfield, MN					
2496	COMPOSITE	3/4	19.0	LSP (b) (.015)	U	1985	CPSC ONLY	1/8	3.0	TTG	U
Architectural Safety Glass ; Ft. Pierce, FL						1986	CPSC ONLY	5/32	4.0	TTG	U
1914	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	1987	CPSC ONLY	3/16	5.0	TTG	U
Ardco Inc. ; Chicago, IL Tempakent Glass LP						1988	CPSC ONLY	1/4	6.0	TTG	U
2679	COMPOSITE	1/8	3.0	TTG	U	2011	CPSC ONLY	1/8	3.0	TPG (s)	U
2680	COMPOSITE	5/32	4.0	TTG	U	2012	CPSC ONLY	5/32	4.0	TPG (s)	U
2681	COMPOSITE	3/16	5.0	TTG	U	2013	CPSC ONLY	3/16	4.8	TPG (s)	U
2682	COMPOSITE	1/4	6.0	TTG	U	Cardinal CG ; Spring Green, WI					
1951	COMPOSITE	3/16	4.8	TBP (s)	U	2067	CPSC ONLY	1/8	3.0	TTG	U
2006	COMPOSITE	1/4	6.0	TBP (s)	U	2068	CPSC ONLY	5/32	4.0	TTG	U
1563	COMPOSITE	5/32	4.0	TBG	U	2069	CPSC ONLY	3/16	5.0	TTG	U
1564	COMPOSITE	3/16	5.0	TBG	U	2070	CPSC ONLY	1/4	6.0	TTG	U
1565	COMPOSITE	1/4	6.0	TBG	U	2071	CPSC ONLY	1/8	3.0	TPG (s)	U
Bendheim Wall Systems Inc. ; Wunsiedel-Holenbrunn, Germa						Cardinal CG ; Tumwater, WA					
2570	COMPOSITE	1/4	6.0	TBG	20x76	2007	CPSC ONLY	1/8	3.0	TTG	U
2569	COMPOSITE	9/32	7.0	TBG	13x76	2008	CPSC ONLY	5/32	4.0	TTG	U
						2009	CPSC ONLY	3/16	5.0	TTG	U
						2010	CPSC ONLY	1/4	6.0	TTG	U

July 1, 2002

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Cardinal IG ; Fargo, ND						Cardinal LG ; Amery, WI					
2235	COMPOSITE	1/8	3.0	TTG	U	2301	COMPOSITE	3/32	2.3	OCH (IN) (.037)	U
2234	COMPOSITE	5/32	4.0	TTG	U	2300	COMPOSITE	1/4	6.0	OCH (IN) (.037)	U
2233	COMPOSITE	3/16	5.0	TTG	U	2166	COMPOSITE	5/32	4.0	LTG (b)(C1) (.015)	U
2232	COMPOSITE	1/4	6.0	TTG	U	2167	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2231	COMPOSITE	1/8	3.0	TPG (s)	U	2463	COMPOSITE	5/16	8.7	LTG (b) (.030)	U
2285	COMPOSITE	5/32	4.0	TPG (m)	U	2462	COMPOSITE	3/8	10.0	LTG (b) (.030)	U
2286	COMPOSITE	3/16	4.8	TPG (s)	U	2464	COMPOSITE	1/2	12.0	LTG (b) (.030)	U
Cardinal IG ; Fremont, IN						2564	COMPOSITE	1/4	6.0	LSP (b) (.030)	U
2176	CPSC ONLY	1/8	3.0	TTG	U	2565	COMPOSITE	5/16	8.0	LSP (b) (.060)	U
2177	CPSC ONLY	5/32	4.0	TTG	U	2240	COMPOSITE	5/16	8.9	LPG (b)(m) (.030)	U
2178	CPSC ONLY	3/16	5.0	TTG	U	Cardinal TG ; Tomah, WI					
2179	CPSC ONLY	1/4	6.0	TTG	U	1804	COMPOSITE	1/8	3.0	TTG	U
2203	CPSC ONLY	1/8	3.0	TPG (s)	U	1805	COMPOSITE	5/32	4.0	TTG	U
2204	CPSC ONLY	5/32	4.0	TPG (s)	U	1806	COMPOSITE	3/16	5.0	TTG	U
2205	CPSC ONLY	3/16	4.8	TPG (s)	U	1807	COMPOSITE	1/4	6.0	TTG	U
Cardinal IG ; Greenfield, IA						Cheil Glass Industrial Co., Inc. ; Inchon City, Korea					
1827	CPSC ONLY	1/8	3.0	TTG	U	2279	COMPOSITE	1/8	3.0	TTG	U
1828	CPSC ONLY	5/32	4.0	TTG	U	2280	COMPOSITE	5/32	4.0	TTG	U
1829	CPSC ONLY	3/16	5.0	TTG	U	2281	COMPOSITE	3/16	5.0	TTG	U
1830	CPSC ONLY	1/4	6.0	TTG	U	Coastal Glass Distributors ; Charleston, SC					
1841	CPSC ONLY	1/8	3.0	TPG (s)	U	2101	COMPOSITE	1/8	3.0	TTG	U
1842	CPSC ONLY	5/32	4.0	TPG (m)	U	2102	COMPOSITE	5/32	4.0	TTG	U
1843	CPSC ONLY	3/16	4.8	TPG (s)	U	2103	COMPOSITE	3/16	5.0	TTG	U
Cardinal IG ; Spring Green, WI						2104	COMPOSITE	1/4	6.0	TTG	U
1831	COMPOSITE	1/8	3.0	TTG	U	2512	COMPOSITE	3/8	10.0	TTG	U
1832	COMPOSITE	5/32	4.0	TTG	U	2513	COMPOSITE	1/2	12.0	TTG	U
1833	COMPOSITE	3/16	5.0	TTG	U	2107	COMPOSITE	1/8	3.0	TPG (s)	U
1834	COMPOSITE	1/4	6.0	TTG	U	2108	COMPOSITE	5/32	4.0	TPG (d)	U
1844	COMPOSITE	1/8	3.0	TPG (s)	U	2109	COMPOSITE	3/16	4.8	TPG (d)	U
1845	COMPOSITE	5/32	4.0	TPG (m)	U	2562	COMPOSITE	1/4	6.0	TPG (m)	U
1846	COMPOSITE	3/16	4.8	TPG (s)	U	2563	COMPOSITE	3/8	10.0	TPG (s)	U
Cardinal IG ; Tomah, WI						2528	COMPOSITE	9/32	7.0	LTG (l) .030	U
2317	CPSC ONLY	1/8	3.0	TTG	U	2527	COMPOSITE	1/2	12.0	LTG (l) .030	U
2318	CPSC ONLY	5/32	4.0	TTG	U	Colonial Mirror & Glass Corp. ; Brooklyn, NY					
2319	CPSC ONLY	3/16	5.0	TTG	U	2237	COMPOSITE	3/16	5.0	TTG	U
2320	CPSC ONLY	1/4	6.0	TTG	U	1847	COMPOSITE	1/4	6.0	TTG	U
2321	CPSC ONLY	1/8	3.0	TPG (s)	29x76	1848	COMPOSITE	3/8	10.0	TTG	U
2322	CPSC ONLY	5/32	4.0	TPG (s)	29x76	1929	COMPOSITE	1/2	12.0	TTG	U
2323	CPSC ONLY	3/16	5.0	TPG (s)	U	2236	COMPOSITE	5/8	15.0	TTG	U
Cardinal IG ; Waxahachie, TX						2238	COMPOSITE	3/4	19.0	TTG	U
2328	CPSC ONLY	1/8	3.0	TTG	U	Commercial Insulating Glass Co. ; Sarasota, FL					
2329	CPSC ONLY	5/32	4.0	TTG	U	1889	COMPOSITE	1/8	3.0	TTG	31x76
2330	CPSC ONLY	3/16	5.0	TTG	U	1890	COMPOSITE	3/16	5.0	TTG	31x76
2331	CPSC ONLY	1/4	6.0	TTG	U	1891	COMPOSITE	1/4	6.0	TTG	31x76
2397	CPSC ONLY	1/8	3.0	TPG (s)	U	1892	COMPOSITE	1/8	3.0	TPG (s)	31x76
2399	CPSC ONLY	3/16	5.0	TPG (s)	U	Consolidated Glass Corp. ; New Castle, PA					
7/30/02 - Add Plant Changschu Zhongchang SG # 2432 ANSI only						1998	COMPOSITE	1/8	3.0	TTG	U
						1999	COMPOSITE	5/32	4.0	TTG	U
						2005	COMPOSITE	3/16	5.0	TTG	U
						2002	COMPOSITE	1/4	6.0	TTG	U
						2003	COMPOSITE	3/8	10.0	TTG	U
						2004	COMPOSITE	1/2	12.0	TTG	U
						2060	COMPOSITE	5/8	15.0	TTG	U
						2355	COMPOSITE	5/32	4.0	TPG (s)	U
						2354	COMPOSITE	3/16	5.0	TPG (s)	U

9/18/02 - Add Plant
Downey Glass Inds LLC
Pompano Beach, FL ✓
SGCC #'s 2660-2665

July 1, 2002

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Contour Industries Inc. ; Surgoinville, TN						Elco Glass Industries ; Lakewood, NJ					
1680	COMPOSITE	1/8	3.0	TTG	18x76	2400	ANSI ONLY	5/32	4.0	TTG	U
1678	COMPOSITE	3/16	5.0	TTG	18x76	2401	ANSI ONLY	3/16	5.0	TTG	U
1677	COMPOSITE	1/4	6.0	TTG	18x76	2402	ANSI ONLY	1/4	6.0	TTG	U
1676	COMPOSITE	1/8	3.0	TPG (s)	18x76	2403	ANSI ONLY	3/8	10.0	TTG	U
Contract Glass Service, Inc. ; Wilmington, MA						2404	ANSI ONLY	1/2	12.0	TTG	U
2383	COMPOSITE	1/8	3.0	TTG	U	2405	ANSI ONLY	3/4	19.0	TTG	U
2388	COMPOSITE	5/32	4.0	TTG	U	Engineered Glass Products L.L.C. ; Chicago, IL					
2384	COMPOSITE	3/16	5.0	TTG	U	2588	ANSI ONLY	1/8	3.0	TTG	16x26
2385	COMPOSITE	1/4	6.0	TTG	U	2589	ANSI ONLY	5/32	4.0	TTG	16x26
2386	COMPOSITE	3/8	10.0	TTG	U	2590	ANSI ONLY	3/16	5.0	TTG	16x26
2387	COMPOSITE	1/2	12.0	TTG	U	Flex-O-Glass Inc. ; Dixon, IL					
Coraglass Inc. ; Reform, AL						118	ANSI ONLY	.08-.125	2.0	SPS	U
1908	COMPOSITE	1/8	3.0	TTG	U	Floral Glass & Mirror ; Hauppauge, NY					
1909	COMPOSITE	5/32	4.0	TTG	U	1546	COMPOSITE	1/8	3.0	TTG	U
1910	COMPOSITE	3/16	5.0	TTG	U	1547	COMPOSITE	3/16	5.0	TTG	U
1911	COMPOSITE	1/4	6.0	TTG	U	1548	COMPOSITE	1/4	6.0	TTG	U
2144	COMPOSITE	3/8	10.0	TTG	U	1549	COMPOSITE	3/8	10.0	TTG	U
2145	COMPOSITE	1/2	12.0	TTG	U	1550	COMPOSITE	1/2	12.0	TTG	U
1962	COMPOSITE	1/8	3.0	TPG (s)	U	1551	COMPOSITE	3/4	19.0	TTG	U
1963	COMPOSITE	5/32	4.0	TPG (m)	U	FTG of NC, LLC ; Kernersville, NC					
1964	COMPOSITE	3/16	4.8	TPG (d)	U	2551	COMPOSITE	1/8	3.0	TTG	U
Craftsman Tempered Glass ; Houston, TX						2553	COMPOSITE	3/16	5.0	TTG	U
2335	COMPOSITE	1/8	3.0	TTG	U	2554	COMPOSITE	1/4	6.0	TTG	U
2336	COMPOSITE	3/16	5.0	TTG	U	2556	COMPOSITE	3/8	10.0	TTG	U
2337	COMPOSITE	1/4	6.0	TTG	U	2557	COMPOSITE	1/2	12.0	TTG	U
2338	COMPOSITE	3/8	10.0	TTG	U	2560	COMPOSITE	3/16	5.0	TPG (s)	U
2339	COMPOSITE	1/2	12.0	TTG	U	Galaxy Glass Corp., Inc. ; Fairfield, NJ					
2340	COMPOSITE	3/4	19.0	TTG	U	2419	COMPOSITE	5/16	8.0	LTG (l)	U
2342	COMPOSITE	3/16	4.8	TPG (s)	U	Gemtron-Sweetwater ; Sweetwater, TN					
D & W, Incorporated ; Elkhart, IN						1334	COMPOSITE	1/8	3.0	TTG	U
2027	COMPOSITE	1/8	3.0	TTG	28x42	1332	COMPOSITE	5/32	4.0	TTG	U
2028	COMPOSITE	5/32	4.0	TTG	28x42	1201	COMPOSITE	3/16	5.0	TTG	U
2029	COMPOSITE	3/16	5.0	TTG	28x42	1477	COMPOSITE	1/4	6.0	TTG	U
2030	COMPOSITE	1/4	6.0	TTG	28x42	1422	COMPOSITE	1/8	3.0	TPG (s)	U
Dong Sung Glass Co., Ltd. ; Inchon, Korea						1424	COMPOSITE	5/32	4.0	TPG (s)	U
2230	ANSI ONLY	1/8	3.0	TTG	U	GGI Glass Distributors Corp. ; Ronkonkoma, NY					
2298	COMPOSITE	3/16	5.0	TTG	U	2226	COMPOSITE	3/16	5.0	TTG	U
Dongli Tempered Glass Co., Ltd. ; Qinhuangdao, China						2227	COMPOSITE	1/4	6.0	TTG	U
2533	ANSI ONLY	1/8	3.0	TTG	U	2282	COMPOSITE	3/8	10.0	TTG	U
Edge Seal Technologies ; Walton Hills, OH						2228	COMPOSITE	1/2	12.0	TTG	U
2050	COMPOSITE	1/8	3.0	TTG	U	2283	COMPOSITE	3/4	19.0	TTG	U
2051	COMPOSITE	5/32	4.0	TTG	U	Glass South Africa (PTY) LTD ; Cape Town, South Africa					
2052	COMPOSITE	3/16	5.0	TTG	U	2421	COMPOSITE	5/32	4.0	TTG	U
2055	COMPOSITE	1/4	6.0	TTG	U	2422	COMPOSITE	3/16	5.0	TTG	U
Efco Corp. ; Monett, MO						Glass, Inc. ; Englewood, CO					
1901	COMPOSITE	3/16	5.0	TTG	U	2185	COMPOSITE	1/8	3.0	TTG	U
1902	COMPOSITE	1/4	6.0	TTG	U	2186	COMPOSITE	3/16	5.0	TTG	U
2143	COMPOSITE	3/16	4.8	TPG (s)	U	2187	COMPOSITE	1/4	6.0	TTG	U
						2188	COMPOSITE	3/8	10.0	TTG	U
						2189	COMPOSITE	1/2	12.0	TTG	U
						2190	COMPOSITE	3/4	19.0	TTG	U
						2193	COMPOSITE	3/16	4.8	TPG (s)	U

Decertified 8/8/02

Decert.
10/9/02
possible label
failures

Add
SGCC
2602
10/21/02
✓

* 7/13/02
Add
SGCC #'s
2644
& 2645
TTG
Comp.

Decertified 8/16/02

Decert.
11/20/02

9/19/02
Add
SGCC #
2658
11/9/02

7/13/02 -
* Add PLANT
Glass-Tex Inds.
Magnolia, TX
SG #'s 2617-2623
ANSI ONLY

Add Plant Glass South Africa Durban
SGCC # 2571
5/32" TTG Comp.

July 1, 2002

Certified Products-Alphabetical By Plant

9/11/02 Add SGCC # 2667 TPG
& SGCC # 2668 TPG
ANSI

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED		SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Globe Amerada Architectural Glass ; Selma, AL							Guardian Inds. Corp. ; Dewitt, IA					
1863	COMPOSITE	1/4	6.0	LTG (b) (.030)	U		2020	ANSI ONLY	1/8	3.0	TTG	U
Goldray, Inc. ; Calgary, AB Canada							2021	ANSI ONLY	5/32	4.0	TTG	U
2444	COMPOSITE	1/8	3.0	TTG	U		2022	ANSI ONLY	3/16	5.0	TTG	U
2445	COMPOSITE	5/32	4.0	TTG	U		2023	ANSI ONLY	1/4	6.0	TTG	U
2446	COMPOSITE	3/16	5.0	TTG	U		2024	ANSI ONLY	5/16	8.0	TTG	U
2447	COMPOSITE	1/4	6.0	TTG	U		2545	ANSI ONLY	3/8	10.0	TTG	U
2448	COMPOSITE	3/8	10.0	TTG	U		Guardian Inds. Corp. ; Ft. Lauderdale, FL					
2449	COMPOSITE	1/2	12.0	TTG	U		1161	ANSI ONLY	1/8	3.0	TTG	U
Guardian Canada Corp. ; Tilsonburg, ON Canada							633	ANSI ONLY	3/16	5.0	TTG	U
1462	ANSI ONLY	1/8	3.0	TTG	U		40	ANSI ONLY	1/4	6.0	TTG	U
Guardian Fabrication Inc. ; Millbury, OH							1665	ANSI ONLY	1/8	3.0	TPG (s)	U
2616	ANSI ONLY	1/8	3.1	TTG	U		1318	ANSI ONLY	3/16	4.8	TPG (s)	U
1575	ANSI ONLY	5/32	4.0	TTG	U		Guardian Inds. Corp. ; Geneva, NY					
1576	ANSI ONLY	3/16	5.0	TTG	U		2259	ANSI ONLY	1/8	3.0	TTG	U
1577	ANSI ONLY	1/4	6.0	TTG	U		2260	ANSI ONLY	5/32	4.0	TTG	U
Guardian Fabrication Inc. ; Rogers, AR							2261	ANSI ONLY	3/16	5.0	TTG	U
1355	ANSI ONLY	1/8	3.0	TTG	U		2262	ANSI ONLY	1/4	6.0	TTG	U
1616	ANSI ONLY	5/32	4.0	TTG	U		2519	ANSI ONLY	3/8	10.0	TTG	U
1356	ANSI ONLY	3/16	5.0	TTG	U		Guardian Inds. Corp. ; Kingsburg, CA					
1357	ANSI ONLY	1/4	6.0	TTG	U		968	ANSI ONLY	1/8	3.0	TTG	U
1358	ANSI ONLY	1/8	3.0	TPG (s)	U		969	ANSI ONLY	5/32	4.0	TTG	U
1359	ANSI ONLY	5/32	4.0	TPG (s)	U		970	ANSI ONLY	3/16	5.0	TTG	U
Guardian Fabrication Inc. ; Webster, MA							971	ANSI ONLY	1/4	6.0	TTG	U
300	ANSI ONLY	1/8	3.0	TTG	U		1303	ANSI ONLY	1/8	3.0	TPG (m)	U
1607	ANSI ONLY	5/32	4.0	TTG	U		1301	ANSI ONLY	5/32	4.0	TPG (m)	U
1216	ANSI ONLY	3/16	5.0	TTG	U		1304	ANSI ONLY	3/16	4.8	TPG (s)	U
662	ANSI ONLY	1/4	6.0	TTG	U		1882	ANSI ONLY	1/4	6.0	TPG (s)	U
471	ANSI ONLY	3/8	10.0	TTG	U		Guardian Inds. Corp. ; Lewistown, PA					
1235	ANSI ONLY	1/2	12.0	TTG	U		1627	ANSI ONLY	1/8	3.0	TTG	U
2450	ANSI ONLY	1/8	3.0	TPG (m)	U		1866	ANSI ONLY	5/32	4.0	TTG	U
2451	ANSI ONLY	5/32	4.0	TPG (m)	U		1628	ANSI ONLY	3/16	5.0	TTG	U
2603	ANSI ONLY	3/16	5.0	TPG (m)	U		1629	ANSI ONLY	1/4	6.0	TTG	U
Guardian Inds. Corp. ; Carleton, MI							1867	ANSI ONLY	3/8	10.0	TTG	U
933	ANSI ONLY	1/8	3.0	TTG	U		1868	ANSI ONLY	1/2	12.0	TTG	U
934	ANSI ONLY	5/32	4.0	TTG	U		2502	ANSI ONLY	1/8	3.0	LTG (b) (.015)	U
631	ANSI ONLY	3/16	5.0	TTG	U		1886	ANSI ONLY	5/32	4.0	LTG (b) (.030)	U
131	ANSI ONLY	1/4	6.0	TTG	U		1282	ANSI ONLY	7/32	5.6	LTG (b) (.015)	U
Guardian Inds. Corp. ; Corsicana, TX							1946	ANSI ONLY	1/4	6.0	LTG (b) (.015)	U
1248	ANSI ONLY	1/8	3.0	TTG	U		1947	ANSI ONLY	3/8	10.0	LTG (b) (.015)	U
1249	ANSI ONLY	5/32	4.0	TTG	U		1316	ANSI ONLY	1/2	12.0	LTG (b) (.015)	U
1250	ANSI ONLY	3/16	5.0	TTG	U		Guardian Inds. Corp. ; Richburg, SC					
1251	ANSI ONLY	1/4	6.0	TTG	U		1630	ANSI ONLY	1/8	3.0	TTG	U
1826	ANSI ONLY	5/16	8.0	TTG	U		1631	ANSI ONLY	5/32	4.0	TTG	U
1253	ANSI ONLY	3/8	10.0	TTG	U		1632	ANSI ONLY	3/16	5.0	TTG	U
1803	ANSI ONLY	1/2	12.0	TTG	U		1633	ANSI ONLY	1/4	6.0	TTG	U
2458	ANSI ONLY	1/8	3.0	TPG (m)	U		2382	ANSI ONLY	5/16	8.0	TTG	U
2459	ANSI ONLY	5/32	4.0	TPG (m)	U		1634	ANSI ONLY	3/8	10.0	TTG	U
2460	ANSI ONLY	3/16	5.0	TPG (m)	U		1683	ANSI ONLY	1/8	3.0	TPG (m)	U
							1635	ANSI ONLY	5/32	4.0	TPG (m)	U
							1865	ANSI ONLY	3/16	4.8	TPG (m)	U
							2461	ANSI ONLY	1/4	6.0	TPG (m)	U

July 1, 2002

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Guardian Walled Lake Fab. ; Walled Lake, MI						Nashville Tempered Glass Corp. ; Nashville, TN					
2566	ANSI ONLY	1/8	3.0	TTG	U	1416	COMPOSITE	1/8	3.0	TTG	U
2567	ANSI ONLY	5/32	4.0	TTG	U	2497	COMPOSITE	5/32	4.0	TTG	U
2141	ANSI ONLY	3/16	5.0	TTG	U	1467	COMPOSITE	3/16	5.0	TTG	U
2142	ANSI ONLY	1/4	6.0	TTG	U	1417	COMPOSITE	1/4	6.0	TTG	U
Henwood Safety Glass ; Kwa-Zulu Natal, South Africa						2494	COMPOSITE	3/8	10.0	TTG	U
2628	COMPOSITE	5/32	4.0	TTG	U	2420	COMPOSITE	1/8	3.0	TPG (s)	U
Inovart USA, Inc. ; Serra, ES, Brazil						2417	COMPOSITE	3/16	5.0	TPG (d)	U
2568	COMPOSITE	1/4	6.0	TTG	U	Oldcastle Glass Bensenville ; Bensenville, IL					
2443	COMPOSITE	5/16	8.0	TTG	U	1382	COMPOSITE	1/4	6.0	TTG	U
Interpane Glass Company ; Clinton, NC						1383	COMPOSITE	3/8	10.0	TTG	U
1073	COMPOSITE	3/16	5.0	TTG	U	1384	COMPOSITE	1/2	12.0	TTG	U
1074	COMPOSITE	1/4	6.0	TTG	U	2308	COMPOSITE	1/4	6.0	TBG	U
1075	COMPOSITE	5/16	8.0	TTG	U	1536	COMPOSITE	3/8	10.0	TBG	U
1076	COMPOSITE	3/8	10.0	TTG	U	2053	COMPOSITE	1/2	12.0	TBG	U
1077	COMPOSITE	1/2	12.0	TTG	U	Oldcastle Glass Indianapolis ; Indianapolis, IN					
2324	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	2210	COMPOSITE	1/8	3.0	TTG	U
2325	COMPOSITE	5/16	8.0	LTG (b) (.030)	U	2216	COMPOSITE	5/32	4.0	TTG	U
2326	COMPOSITE	3/8	10.0	LTG (b) (.030)	U	2211	COMPOSITE	3/16	5.0	TTG	U
2290	COMPOSITE	1/2	12.0	LTG (b) (.030)	U	2212	COMPOSITE	1/4	6.0	TTG	U
Interpane Glass Company ; Deerfield, WI						2213	COMPOSITE	3/8	10.0	TTG	U
2433	COMPOSITE	1/8	3.0	TTG	U	2214	COMPOSITE	1/2	12.0	TTG	U
2042	COMPOSITE	3/16	5.0	TTG	U	2215	COMPOSITE	3/16	4.8	TPG (s)	U
2043	COMPOSITE	1/4	6.0	TTG	U	Oldcastle Glass Los Angeles ; Los Angeles, CA					
2044	COMPOSITE	5/16	8.0	TTG	U	1608	COMPOSITE	1/8	3.0	TTG	U
2045	COMPOSITE	3/8	10.0	TTG	U	1609	COMPOSITE	5/32	4.0	TTG	U
Kohler Company ; Union City, TN						630	COMPOSITE	3/16	5.0	TTG	U
1979	COMPOSITE	1/8	3.0	TTG	U	514	COMPOSITE	1/4	6.0	TTG	U
1980	COMPOSITE	5/32	4.0	TTG	U	515	COMPOSITE	3/8	10.0	TTG	U
1981	COMPOSITE	3/16	5.0	TTG	U	516	COMPOSITE	1/2	12.0	TTG	U
1982	COMPOSITE	1/4	6.0	TTG	U	2074	COMPOSITE	3/4	19.0	TTG	U
2434	COMPOSITE	3/8	10.0	TTG	U	1611	COMPOSITE	1/8	3.0	TPG (m)	U
1983	COMPOSITE	1/8	3.0	TPG (s)	U	2075	COMPOSITE	5/32	4.0	TPG (s)	U
1984	COMPOSITE	3/16	4.8	TPG (s)	U	935	COMPOSITE	3/16	4.8	TPG (s)	U
Marvin Windows ; Warroad, MN						678	COMPOSITE	7/32	5.6	TPG (s)	U
1689	COMPOSITE	1/8	3.0	TTG	U	Oldcastle Glass Miami ; Miami, FL					
1723	COMPOSITE	5/32	4.0	TTG	U	2241	COMPOSITE	1/8	3.0	TTG	U
1690	COMPOSITE	3/16	5.0	TTG	U	1744	COMPOSITE	3/16	5.0	TTG	U
1691	COMPOSITE	1/4	6.0	TTG	U	1745	COMPOSITE	1/4	6.0	TTG	U
1724	COMPOSITE	1/8	3.0	TPG (s)	U	1746	COMPOSITE	3/8	10.0	TTG	U
1701	COMPOSITE	3/16	4.8	TPG (s)	U	1747	COMPOSITE	1/2	12.0	TTG	U
Mid Ohio Tempering ; Columbus, OH						Oldcastle Glass Perrysburg ; Perrysburg, OH					
2491	COMPOSITE	1/8	3.0	TTG	U	1039	COMPOSITE	1/8	3.0	TTG	U
2170	COMPOSITE	3/16	5.0	TTG	U	592	COMPOSITE	3/16	5.0	TTG	U
2157	COMPOSITE	1/4	6.0	TTG	U	1420	COMPOSITE	1/4	6.0	TTG	U
2158	COMPOSITE	3/8	10.0	TTG	U	594	COMPOSITE	3/8	10.0	TTG	U
2159	COMPOSITE	1/2	12.0	TTG	U	595	COMPOSITE	1/2	12.0	TTG	U
Milgard Tempering Inc. ; Tacoma, WA						Oldcastle Glass Schofield ; Schofield, WI					
1578	COMPOSITE	1/4	6.0	TTG	U	1595	COMPOSITE	1/8	3.0	TTG	U
Mirror Factory ; Plymouth, MN						1862	COMPOSITE	5/32	4.0	TTG	U
1915	COMPOSITE	7/32	5.6	LTG (b) (.030)	U	1596	COMPOSITE	3/16	5.0	TTG	U
Multiver ; Vanier, QC Canada						1597	COMPOSITE	1/4	6.0	TTG	U
2498	COMPOSITE	1/8	3.0	TTG	U	1796	COMPOSITE	3/8	10.0	TTG	U
2499	COMPOSITE	1/4	6.0	TTG	U	1797	COMPOSITE	1/2	12.0	TTG	U
						1798	COMPOSITE	3/16	4.8	TPG (s)	U

Add-SG 2629 & 2630

9/24/02

* Add SGCC # 2650-2653

SGCC # 2659

8/16/02

Add plants
Shanghai Yaoban Pilkington (Robico), July 1, 2002
12/18/02
SGCC# 2696 ✓

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Oldcastle Glass Telford ; Telford, PA						PPG Inds. Inc. ; Fresno, CA					
2014	COMPOSITE	3/16	5.0	TTG	✓ U	295	COMPOSITE	1/8	3.0	TTG	✓ U
1879	COMPOSITE	1/4	6.0	TTG	✓ U	676	COMPOSITE	5/32	4.0	TTG	✓ U
1880	COMPOSITE	3/8	10.0	TTG	✓ U	64	COMPOSITE	3/16	5.0	TTG	✓ U
1881	COMPOSITE	1/2	12.0	TTG	U	PPG Inds. Inc. ; Wichita Falls, TX					
1652	COMPOSITE	1/4	6.0	LTG (b) (.030)	U	1110	COMPOSITE	1/8	3.0	TTG	✓ U
Oldcastle Glass Wauseon ; Wauseon, OH						1111	COMPOSITE	5/32	4.0	TTG	✓ U
2516	COMPOSITE	1/8	3.0	TTG	✓ U	1112	COMPOSITE	3/16	5.0	TTG	✓ U
2517	COMPOSITE	3/16	5.0	TTG	✓ U	1113	ANSI ONLY	1/4	6.0	TTG	U
2518	COMPOSITE	1/4	6.0	TTG	U	Prelco Inc. ; Riviere-du-Loup, QC Canada					
Patio Enclosures Inc. ; Macedonia, OH						2034	COMPOSITE	1/8	3.0	TTG	U
2056	COMPOSITE	1/8	3.0	TTG	U	2035	COMPOSITE	5/32	4.0	TTG	✓ U
2057	COMPOSITE	5/32	4.0	TTG	✓ U	2015	COMPOSITE	1/4	6.0	TTG	✓ U
2058	COMPOSITE	3/16	5.0	TTG	U	2381	COMPOSITE	3/8	10.0	TTG	U
2059	COMPOSITE	1/4	6.0	TTG	U	2048	COMPOSITE	1/2	12.0	TTG	U
PDC Glass & Metal Services ; Cheswick, PA						2037	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1784	COMPOSITE	1/8	3.0	TTG	U	Republic Windows & Doors Inc. ; Chicago, IL					
1785	COMPOSITE	3/16	5.0	TTG	U	2274	COMPOSITE	1/8	3.0	TTG	✓ U
1786	COMPOSITE	1/4	6.0	TTG	✓ U	2276	COMPOSITE	3/16	5.0	TTG	U
1787	COMPOSITE	3/8	10.0	TTG	U	2277	COMPOSITE	1/4	6.0	TTG	U
1788	COMPOSITE	1/2	12.0	TTG	U	2454	COMPOSITE	1/8	3.0	TPG (s)	U
1789	COMPOSITE	1/8	3.0	TPG (s)	U	Shaw Glass Co. ; S. Easton, MA					
1790	COMPOSITE	3/16	4.8	TPG (s)	U	1871	COMPOSITE	3/16	5.0	TTG	U
PDC Glass of Michigan Inc. ; Plymouth, MI						1035	COMPOSITE	1/4	6.0	TTG	✓ U
2217	COMPOSITE	1/8	3.0	TTG	U	1036	COMPOSITE	3/8	10.0	TTG	✓ U
2218	COMPOSITE	3/16	5.0	TTG	U	1037	COMPOSITE	1/2	12.0	TTG	U
2219	COMPOSITE	1/4	6.0	TTG	U	1939	COMPOSITE	3/16	4.8	TPG (s)	U
2229	COMPOSITE	3/8	10.0	TTG	✓ U	Sovis North America, Inc. ; Madison, GA					
2220	COMPOSITE	1/2	12.0	TTG	U	2351	COMPOSITE	5/32	4.0	TTG	U
2222	COMPOSITE	3/4	19.0	TTG	U	2352	COMPOSITE	3/16	5.0	TTG	U
2223	COMPOSITE	1/8	3.0	TPG (s)	U	2353	COMPOSITE	1/4	6.0	TTG	U
2224	COMPOSITE	3/16	4.8	TPG (s)	U	2453	COMPOSITE	3/8	10.0	TTG	U
PGT Industries ; Nokomis, FL						2304	COMPOSITE	1/8	3.0	TBG	U
2389	COMPOSITE	1/8	3.0	TTG	U	2305	COMPOSITE	5/32	4.0	TBG	U
2390	COMPOSITE	3/16	5.0	TTG	✓ U	2306	COMPOSITE	3/16	5.0	TBG	U
2391	COMPOSITE	1/4	6.0	TTG	✓ U	2307	COMPOSITE	1/4	6.0	TBG	U
2425	COMPOSITE	3/8	10.0	TTG	✓ U	Sovis North America, Inc. ; Thierry, France					
2427	COMPOSITE	1/2	12.0	TTG	U	2248	COMPOSITE	1/4	6.0	TTG	✓ U
2426	COMPOSITE	5/16	8.0	LTG	U	1992	COMPOSITE	5/32	4.0	TBG	✓ U
2429	COMPOSITE	3/8	10.0	LTG	U	1938	COMPOSITE	3/16	5.0	TBG	U
2428	COMPOSITE	1/2	12.0	LTG	U	1864	COMPOSITE	1/4	6.0	TBG	U
Pilkington Brasil Ltda. ; Sao Paulo, Brazil						Specialty Building Products ; New Westminster, BC Canada					
2546	COMPOSITE	3/8	10.0	TTG	U	2121	COMPOSITE	1/8	3.0	TTG	22x64
PPG Inds. Inc. ; Burlington, IA						2504	COMPOSITE	5/32	4.0	TTG	22x64
1605	COMPOSITE	1/8	3.0	TTG	U	2309	COMPOSITE	3/16	5.0	TTG	22x64
1606	COMPOSITE	5/32	4.0	TTG	✓ U	Summit Window & Patio Door ; Yakima, WA					
1603	COMPOSITE	3/16	5.0	TTG	✓ U	1799	COMPOSITE	1/8	3.0	TTG	U
1604	COMPOSITE	1/4	6.0	TTG	U	1800	COMPOSITE	3/16	5.0	TTG	U
PPG Inds. Inc. ; Carlisle, PA						1801	COMPOSITE	1/4	6.0	TTG	U
250	COMPOSITE	1/8	3.0	TTG	✓ U	2171	COMPOSITE	3/16	4.8	TPG (m)	✓ U
675	COMPOSITE	5/32	4.0	TTG	✓ U	2172	COMPOSITE	1/4	6.0	TPG (m)	U
249	COMPOSITE	3/16	5.0	TTG	U	* Add Plant Spec-Temp					
382	ANSI ONLY	1/4	6.0	TTG	U						

July 1, 2002

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Swift Glass Co., Inc. ; Elmira Heights, NY						US Precision Glass ; Lewisburg, OH <i>Decertified 8/16/02</i>					
1555	COMPOSITE	1/8	3.0	TTG	U	1050	COMPOSITE	1/8	3.0	TTG	U
1556	COMPOSITE	3/16	5.0	TTG	U	1452	COMPOSITE	5/32	4.0	TTG	U
1557	COMPOSITE	1/4	6.0	TTG	U	185	COMPOSITE	3/16	5.0	TTG	U
1558	COMPOSITE	3/8	10.0	TTG	U	186	COMPOSITE	1/4	6.0	TTG	U
1559	COMPOSITE	1/2	12.0	TTG	U	2327	COMPOSITE	3/8	10.0	TTG	U
Techni-Glass, Inc. ; Surgoinsville, TN						654	ANSI ONLY	1/8	3.0	TPG (m)	U
2547	COMPOSITE	1/8	3.0	TTG	U	188	ANSI ONLY	3/16	4.8	TPG (s)	U
2548	COMPOSITE	5/32	4.0	TTG	U	Vetzeria Valentini S.R.L. ; Brescia, Italy					
2549	COMPOSITE	3/16	5.0	TTG	U	2423	ANSI ONLY	5/32	4.0	TTG	U
2550	COMPOSITE	3/16	5.0	TPG	U	2424	ANSI ONLY	5/32	4.0	TBG	U
Tecnoglass S.A. ; Barranquilla, Colombia						Vidrio Saint Gobain de Mexico ; Morelos, Mexico					
2133	COMPOSITE	1/8	3.0	TTG	U	2366	COMPOSITE	3/16	5.7	LTG (b) (.030)	U
2287	COMPOSITE	5/32	4.0	TTG	U	2269	ANSI ONLY	1/4	6.0	LTG (b) (.015)	U
1993	COMPOSITE	3/16	5.0	TTG	U	2333	COMPOSITE	1/4	6.0	LTG (b) (.076)	U
1994	COMPOSITE	1/4	6.0	TTG	U	2268	ANSI ONLY	5/16	8.0	LTG (b) (.015)	U
2134	COMPOSITE	5/16	8.0	TTG	U	2332	COMPOSITE	5/16	8.0	LTG (b) (.076)	U
1995	COMPOSITE	3/8	10.0	TTG	U	2267	ANSI ONLY	3/8	10.0	LTG (b) (.015)	U
2135	COMPOSITE	1/2	12.0	TTG	U	2265	ANSI ONLY	1/2	12.0	LTG (b) (.030)	U
2365	COMPOSITE	5/8	15.0	TTG	U	Vidrios Lirquen S.A. ; Penco, Concepcion, Chili					
2601	COMPOSITE	5/16	8.0	LTG (b) (.060)	U	2585	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
2524	COMPOSITE	3/8	10.0	LTG (b) (.060)	U	2586	COMPOSITE	7/16	11.0	LTG (b) (.030)	U
2465	COMPOSITE	7/16	11.0	LTG (b) (.060)	U	2587	COMPOSITE	1/2	12.0	LTG (b) (.030)	U
2466	COMPOSITE	1/2	12.0	LTG (b) (.060)	U	Viracon Inc. ; Owatonna, MN					
Tempered Glass Inc. ; Austell, GA						1403	COMPOSITE	3/16	5.0	TTG	U
862	COMPOSITE	3/16	5.0	TTG	U	1404	COMPOSITE	1/4	6.0	TTG	U
863	COMPOSITE	1/4	6.0	TTG	U	1508	COMPOSITE	3/8	10.0	TTG	U
865	COMPOSITE	3/8	10.0	TTG	U	1509	COMPOSITE	1/2	12.0	TTG	U
866	COMPOSITE	1/2	12.0	TTG	U	1637	COMPOSITE	3/16	4.8	LTG (b) (.030)	U
Traco (Three Rivers Alum) ; Cranberry Township, PA						Viracon, Inc. ; Statesboro, GA					
2488	COMPOSITE	1/8	3.0	TTG	U	2314	COMPOSITE	3/16	5.0	TTG	U
2489	COMPOSITE	3/16	5.0	TTG	U	2310	COMPOSITE	1/4	6.0	TTG	U
2490	COMPOSITE	1/4	6.0	TTG	U	2311	COMPOSITE	3/8	10.0	TTG	U
Traco (Three Rivers Alum) ; Red Oak, IA						2364	COMPOSITE	1/4	6.0	LTG (b) (.030)	U
1308	COMPOSITE	1/8	3.0	TTG	U	Virginia Glass Products Corp. ; Martinsville, VA					
1310	COMPOSITE	3/16	5.0	TTG	U	2302	COMPOSITE	1/8	3.0	TTG	U
1311	COMPOSITE	1/4	6.0	TTG	U	12	COMPOSITE	3/16	5.0	TTG	U
United Plate Glass Co., Inc. ; Butler, PA						14	COMPOSITE	1/4	6.0	TTG	U
2467	COMPOSITE	1/8	3.0	TTG	U	93	COMPOSITE	3/8	10.0	TTG	U
2468	COMPOSITE	3/16	5.0	TTG	U	94	COMPOSITE	1/2	12.0	TTG	U
2469	COMPOSITE	1/4	6.0	TTG	U	2182	COMPOSITE	5/8	15.0	TTG	U
2470	COMPOSITE	3/8	10.0	TTG	U	95	COMPOSITE	3/4	19.0	TTG	U
2471	COMPOSITE	1/2	12.0	TTG	U	Vitemco S.A. - Glasswall, Inc. ; Cundinamarca, Colombia					
2472	COMPOSITE	3/4	19.0	TTG	U	2440	ANSI ONLY	1/4	6.0	TTG	U
Unitex Glass Co., Ltd. ; Xiamen, Futian China						2441	ANSI ONLY	3/8	10.0	TTG	U
2572	COMPOSITE	1/8	3.0	TTG	U	2442	ANSI ONLY	1/2	12.0	TTG	U
2573	COMPOSITE	5/32	4.0	TTG	U	2520	ANSI ONLY	1/2	12.0	LTG (b) (.060)	U
2574	COMPOSITE	3/16	5.0	TTG	U	Vitrierie April Inc. ; Montreal, QC Canada					
2575	COMPOSITE	1/4	6.0	TTG	U	1996	COMPOSITE	1/8	3.0	TTG	U
2576	COMPOSITE	3/8	10.0	TTG	U	1997	COMPOSITE	3/16	5.0	TTG	U
2577	COMPOSITE	1/2	12.0	TTG	U	2543	COMPOSITE	1/4	6.0	TTG	U
						2544	COMPOSITE	3/8	10.0	TTG	U
						2062	COMPOSITE	1/2	12.0	TTG	U
						2063	COMPOSITE	5/8	15.0	TTG	U

Add Prod's 9/13/02

*SGCC # 2473
2474
2475
Add 11/25/02 2603*

July 1, 2002

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED	SGCC#	TEST STD	INCH	(MM)	TYPE	MAX SIZE CERTIFIED
Vitro Flotado Cubiertas SA de CV ; Mexico City, Mexico											
2369	COMPOSITE	1/8	3.0	TTG	U						
2370	COMPOSITE	5/32	4.0	TTG	U						
2371	COMPOSITE	3/16	5.0	TTG	U						
2372	COMPOSITE	1/4	6.0	TTG	U						
2373	COMPOSITE	3/8	10.0	TTG	U						
2374	COMPOSITE	1/2	12.0	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						

- OUT
NON-PAYMENT

✓

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)

July 1, 2002

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
AFG Coatings	Hampton, IA	2410	COMPOSITE	150	U
AFG Inds. Inc.-CA	Victorville, CA	1664	COMPOSITE	250	U
AFG Inds. Inc.-KS	Spring Hill, KS	1702	COMPOSITE	500	U
AFG Inds. Inc.-TN	Greenland, TN	598	COMPOSITE	300	U
AFG Inds. Inc.-TN	Kingsport, TN	1390	COMPOSITE	300	U
AFG Insulating	Riverside, CA	2636	COMPOSITE	250	U
AFGD	Tulsa, OK	1453	COMPOSITE	550	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
AFGD-MA	Fall River, MA	1518	COMPOSITE	400	U
American Flat Glass Dist.	Alvarado, TX	1708	COMPOSITE	550	U
American Flat Glass Dist.	Richmond, VA	2521	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1405	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2196	COMPOSITE	200	U
Anthony International	San Fernando, CA	520	ANSI ONLY	250	U
Ardco Inc.	Chicago, IL	1041	COMPOSITE	150	U
Bronco Industries Inc.	Delta, BC Canada	2242	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2457	COMPOSITE	550	U
Cardinal CG	Galt, CA	2357	COMPOSITE	125	U
Cardinal CG	Spring Green, WI	2067	CPSC ONLY	500	U
Cardinal CG	Moreno Valley, CA	2293	CPSC ONLY	250	U
Cardinal CG	Tumwater, WA	2007	CPSC ONLY	750	U
Cardinal CG	Buford, GA	1921	COMPOSITE	300	U
Cardinal CG	Northfield, MN	1985	CPSC ONLY	150	U
Cardinal IG	Spring Green, WI	1831	COMPOSITE	500	U
Cardinal IG	Tomah, WI	2317	CPSC ONLY	500	U
Cardinal IG	Fremont, IN	2176	CPSC ONLY	200	U
Cardinal IG	Fargo, ND	2235	COMPOSITE	150	U
Cardinal IG	Waxahachie, TX	2328	CPSC ONLY	550	U
Cardinal IG	Greenfield, IA	1827	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1804	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2279	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2101	COMPOSITE	285	U
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	1998	COMPOSITE	275	U
Contour Industries Inc.	Surgoinsville, TN	1680	COMPOSITE	300	18x76
Contract Glass Service, Inc.	Wilmington, MA	2383	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	1908	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2335	COMPOSITE	550	U
D & W, Incorporated	Elkhart, IN	2027	COMPOSITE	200	28x42
Dong Sung Glass Co., Ltd.	Inchon, Korea	2230	ANSI ONLY	250	U
Dongli Tempered Glass Co., Ltd.	Qinhuangdao, China	2533	ANSI ONLY	275	U
Edge Seal Technologies	Walton Hills, OH	2050	COMPOSITE	200	U
Engineered Glass Products L.L.C.	Chicago, IL	2588	ANSI ONLY	200	16x26"
Floral Glass & Mirror	Hauppauge, NY	1546	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2551	COMPOSITE	285	U
Gemtron-Sweetwater	Sweetwater, TN	1334	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2185	COMPOSITE	250	U
Goldray, Inc.	Calgary, AB Canada	2444	COMPOSITE	750	U
Guardian Canada Corp.	Tilsonburg, ON Canada	1462	ANSI ONLY	400	U

July 1, 2002

Certified Products-By Product Type

				<u>Lab ID</u>	<u>Max Size Certified</u>
				<u>SGCC #</u>	
<i>1/8 Inch Tempered Transparent Glass</i>					
Guardian Fabrication Inc.	Webster, MA	300	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1355	ANSI ONLY	900	U
Guardian Inds. Corp.	Dewitt, IA	2020	ANSI ONLY	500	U
Guardian Inds. Corp.	Richburg, SC	1630	ANSI ONLY	300	U
Guardian Inds. Corp.	Geneva, NY	2259	ANSI ONLY	400	U
Guardian Inds. Corp.	Kingsburg, CA	968	ANSI ONLY	125	U
Guardian Inds. Corp.	Carleton, MI	933	ANSI ONLY	200	U
Guardian Inds. Corp.	Lewistown, PA	1627	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	1248	ANSI ONLY	550	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1161	ANSI ONLY	300	U
Guardian Walled Lake Fab.	Walled Lake, MI	2566	ANSI ONLY	200	U
Interpane Glass Company	Deerfield, WI	2433	COMPOSITE	975	U
Kohler Company	Union City, TN	1979	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1689	COMPOSITE	150	U
Mid Ohio Tempering	Columbus, OH	2491	COMPOSITE	200	U
Multiver	Vanier, QC Canada	2498	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2210	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1608	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	2241	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	1039	COMPOSITE	200	U
Oldcastle Glass Schofield	Schofield, WI	1595	COMPOSITE	150	U
Oldcastle Glass Wauseon	Wauseon, OH	2516	COMPOSITE	200	U
Patio Enclosures Inc.	Macedonia, OH	2056	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1784	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2217	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2389	COMPOSITE	285	U
PPG Inds. Inc.	Burlington, IA	1605	COMPOSITE	500	U
PPG Inds. Inc.	Wichita Falls, TX	1110	COMPOSITE	550	U
PPG Inds. Inc.	Fresno, CA	295	COMPOSITE	125	U
PPG Inds. Inc.	Carlisle, PA	250	COMPOSITE	400	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2034	COMPOSITE	275	U
Republic Windows & Doors Inc.	Chicago, IL	2274	COMPOSITE	500	U
Specialty Building Products	New Westminster, BC Canada	2121	COMPOSITE	750	22x64
Summit Window & Patio Door	Yakima, WA	1799	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE	400	U
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMPOSITE	285	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2488	COMPOSITE	100	U
Traco (Three Rivers Alum)	Red Oak, IA	1308	COMPOSITE	150	U
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE	100	U
Unitex Glass Co., Ltd.	Xiamen, Futian China	2572	COMPOSITE	200	U
US Precision Glass	Lewisburg, OH	1050	COMPOSITE	200	U
Virginia Glass Products Corp.	Martinsville, VA	2302	COMPOSITE	285	U
Vitrierie April Inc.	Montreal, QC Canada	1996	COMPOSITE	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2369	COMPOSITE	125	U
Westshore Glass	Tampa, FL	2492	COMPOSITE	285	U
<i>1/8 Inch Tempered Transparent Glass</i>					
Guardian Fabrication Inc.	Millbury, OH	2616	ANSI ONLY	200	U
<i>5/32 Inch Tempered Transparent Glass</i>					
AFG Coatings	Hampton, IA	2411	COMPOSITE	150	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>5/32 Inch Tempered Transparent Glass</i>					
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.	London, ON Canada	1873	COMPOSITE	400	U
AFGD, Div. of AFG Inds. Ltd.	Concord, ON Canada	1486	COMPOSITE	400	U
All Team Glass & Mirror Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	275	U
American Flat Glass Dist.	Marietta, GA	1967	COMPOSITE	300	U
American Flat Glass Dist.	Hebron, OH	2284	COMPOSITE	200	U
American Flat Glass Dist.	Richmond, VA	2480	COMPOSITE	100	U
Anthony International	San Fernando, CA	2289	ANSI ONLY	250	U
Ardco Inc.	Chicago, IL	2539	COMPOSITE	150	U
Bronco Industries Inc.	Delta, BC Canada	2243	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2500	COMPOSITE	550	U
Cardinal CG	Moreno Valley, CA	2294	CPSC ONLY	250	U
Cardinal CG	Tumwater, WA	2008	CPSC ONLY	750	U
Cardinal CG	Spring Green, WI	2068	CPSC ONLY	500	U
Cardinal CG	Galt, CA	2358	COMPOSITE	125	U
Cardinal CG	Northfield, MN	1986	CPSC ONLY	150	U
Cardinal CG	Buford, GA	1922	COMPOSITE	300	U
Cardinal IG	Tomah, WI	2318	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2329	CPSC ONLY	550	U
Cardinal IG	Spring Green, WI	1832	COMPOSITE	500	U
Cardinal IG	Fargo, ND	2234	COMPOSITE	150	U
Cardinal IG	Fremont, IN	2177	CPSC ONLY	200	U
Cardinal IG	Greenfield, IA	1828	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1805	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2280	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2102	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	1999	COMPOSITE	275	U
Contract Glass Service, Inc.	Wilmington, MA	2388	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	1909	COMPOSITE	300	U
D & W, Incorporated	Elkhart, IN	2028	COMPOSITE	200	28x42
Edge Seal Technologies	Walton Hills, OH	2051	COMPOSITE	200	U
Elco Glass Industries	Lakewood, NJ	2400	ANSI ONLY	100	U
Engineered Glass Products L.L.C.	Chicago, IL	2589	ANSI ONLY	200	16x26"
Gemtron-Sweetwater	Sweetwater, TN	1332	COMPOSITE	275	U
Glass South Africa (PTY) LTD	Cape Town, South Africa	2421	COMPOSITE	285	U
Goldray, Inc.	Calgary, AB Canada	2445	COMPOSITE	750	U
Guardian Fabrication Inc.	Rogers, AR	1616	ANSI ONLY	900	U
Guardian Fabrication Inc.	Webster, MA	1607	ANSI ONLY	100	U
Guardian Fabrication Inc.	Millbury, OH	1575	ANSI ONLY	200	U
Guardian Inds. Corp.	Corsicana, TX	1249	ANSI ONLY	550	U
Guardian Inds. Corp.	Kingsburg, CA	969	ANSI ONLY	125	U
Guardian Inds. Corp.	Dewitt, IA	2021	ANSI ONLY	500	U
Guardian Inds. Corp.	Geneva, NY	2260	ANSI ONLY	400	U
Guardian Inds. Corp.	Richburg, SC	1631	ANSI ONLY	300	U
Guardian Inds. Corp.	Carleton, MI	934	ANSI ONLY	200	U
Guardian Inds. Corp.	Lewistown, PA	1866	ANSI ONLY	100	U
Guardian Walled Lake Fab.	Walled Lake, MI	2567	ANSI ONLY	200	U

July 1, 2002

Certified Products-By Product Type

				<u>Lab ID</u>	<u>Max Size Certified</u>
				<u>SGCC #</u>	
<i>5/32 Inch Tempered Transparent Glass</i>					
Henwood Safety Glass	Kwa-Zulu Natal, South Africa	2628	COMPOSITE	150	U
Kohler Company	Union City, TN	1980	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1723	COMPOSITE	150	U
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2216	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1609	COMPOSITE	125	U
Oldcastle Glass Schofield	Schofield, WI	1862	COMPOSITE	150	U
Patio Enclosures Inc.	Macedonia, OH	2057	COMPOSITE	200	U
PPG Inds. Inc.	Carlisle, PA	675	COMPOSITE	400	U
PPG Inds. Inc.	Burlington, IA	1606	COMPOSITE	500	U
PPG Inds. Inc.	Fresno, CA	676	COMPOSITE	125	U
PPG Inds. Inc.	Wichita Falls, TX	1111	COMPOSITE	550	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2035	COMPOSITE	275	U
Sovis North America, Inc.	Madison, GA	2351	COMPOSITE	400	U
Specialty Building Products	New Westminster, BC Canada	2504	COMPOSITE	750	22x64
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMPOSITE	285	U
Unitex Glass Co., Ltd.	Xiamen, Futian China	2573	COMPOSITE	200	U
US Precision Glass	Lewisburg, OH	1452	COMPOSITE	200	U
Vetzeria Valentini S.R.L.	Brescia, Italy	2423	ANSI ONLY	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2370	COMPOSITE	125	U
Westshore Glass	Tampa, FL	1971	COMPOSITE	285	U
<i>3/16 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	400	COMPOSITE	900	U
ACI Distribution	Santa Clara, CA	2436	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1642	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	1157	COMPOSITE	250	U
AFG Coatings	Hampton, IA	2412	COMPOSITE	150	U
AFG Inds. Inc.-CA	Victorville, CA	1663	COMPOSITE	250	U
AFG Inds. Inc.-KS	Spring Hill, KS	1704	COMPOSITE	500	U
AFG Inds. Inc.-TN	Kingsport, TN	28	COMPOSITE	300	U
AFG Inds. Inc.-TN	Greenland, TN	220	COMPOSITE	300	U
AFG Insulating	Riverside, CA	2638	COMPOSITE	250	U
AFGD	Tulsa, OK	1454	COMPOSITE	550	U
AFGD, Div. of AFG Inds. Ltd.	London, ON Canada	1874	COMPOSITE	400	U
AFGD, Div. of AFG Inds. Ltd.	Concord, ON Canada	1945	COMPOSITE	400	U
AFGD-MA	Fall River, MA	1519	COMPOSITE	400	U
All Team Glass & Mirror Ltd.	Woodbridge, ON Canada	1755	COMPOSITE	275	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.	Alvarado, TX	1709	COMPOSITE	550	U
American Flat Glass Dist.	Hebron, OH	2197	COMPOSITE	200	U
Anthony International	San Fernando, CA	999	ANSI ONLY	250	U
Ardco Inc.	Chicago, IL	1042	COMPOSITE	150	U
Bronco Industries Inc.	Delta, BC Canada	2244	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE	550	U
Cardinal CG	Galt, CA	2359	COMPOSITE	125	U
Cardinal CG	Spring Green, WI	2069	CPSC ONLY	500	U
Cardinal CG	Tumwater, WA	2009	CPSC ONLY	750	U
Cardinal CG	Moreno Valley, CA	2295	CPSC ONLY	250	U
Cardinal CG	Northfield, MN	1987	CPSC ONLY	150	U
Cardinal CG	Buford, GA	1923	COMPOSITE	300	U

July 1, 2002

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>					
Cardinal IG	Fargo, ND	2233	COMPOSITE	150	U
Cardinal IG	Fremont, IN	2178	CPSC ONLY	200	U
Cardinal IG	Tomah, WI	2319	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2330	CPSC ONLY	550	U
Cardinal IG	Spring Green, WI	1833	COMPOSITE	500	U
Cardinal IG	Greenfield, IA	1829	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1806	COMPOSITE	500	U
Cheil Glass Industrial Co., Inc.	Inchon City, Korea	2281	COMPOSITE	285	U
Coastal Glass Distributors	Charleston, SC	2103	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2237	COMPOSITE	400	U
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	2005	COMPOSITE	275	U
Contour Industries Inc.	Surgoinsville, TN	1678	COMPOSITE	300	18x76
Contract Glass Service, Inc.	Wilmington, MA	2384	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	1910	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2336	COMPOSITE	550	U
D & W, Incorporated	Elkhart, IN	2029	COMPOSITE	200	28x42
Dong Sung Glass Co., Ltd.	Inchon, Korea	2298	COMPOSITE	250	U
Edge Seal Technologies	Walton Hills, OH	2052	COMPOSITE	200	U
Efco Corp.	Monett, MO	1901	COMPOSITE	150	U
Elco Glass Industries	Lakewood, NJ	2401	ANSI ONLY	100	U
Engineered Glass Products L.L.C.	Chicago, IL	2590	ANSI ONLY	200	16x26"
Floral Glass & Mirror	Hauppauge, NY	1547	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2553	COMPOSITE	285	U
Gemtron-Sweetwater	Sweetwater, TN	1201	COMPOSITE	275	U
GGI Glass Distributors Corp.	Ronkonkoma, NY	2226	COMPOSITE	275	U
Glass South Africa (PTY) LTD	Cape Town, South Africa	2422	COMPOSITE	285	U
Glass, Inc.	Englewood, CO	2186	COMPOSITE	250	U
Goldray, Inc.	Calgary, AB Canada	2446	COMPOSITE	750	U
Guardian Fabrication Inc.	Rogers, AR	1356	ANSI ONLY	900	U
Guardian Fabrication Inc.	Millbury, OH	1576	ANSI ONLY	200	U
Guardian Fabrication Inc.	Webster, MA	1216	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	1250	ANSI ONLY	550	U
Guardian Inds. Corp.	Kingsburg, CA	970	ANSI ONLY	125	U
Guardian Inds. Corp.	Dewitt, IA	2022	ANSI ONLY	500	U
Guardian Inds. Corp.	Carleton, MI	631	ANSI ONLY	200	U
Guardian Inds. Corp.	Richburg, SC	1632	ANSI ONLY	300	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	633	ANSI ONLY	300	U
Guardian Inds. Corp.	Lewistown, PA	1628	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2261	ANSI ONLY	400	U
Guardian Walled Lake Fab.	Walled Lake, MI	2141	ANSI ONLY	200	U
Interpane Glass Company	Clinton, NC	1073	COMPOSITE	100	U
Interpane Glass Company	Deerfield, WI	2042	COMPOSITE	975	U
Kohler Company	Union City, TN	1981	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1690	COMPOSITE	150	U
Mid Ohio Tempering	Columbus, OH	2170	COMPOSITE	200	U
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2211	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	630	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1744	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	592	COMPOSITE	200	U
Oldcastle Glass Schofield	Schofield, WI	1596	COMPOSITE	150	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Tempered Transparent Glass</i>					
Oldcastle Glass Telford	Telford, PA	2014	COMPOSITE	100	U
Oldcastle Glass Wauseon	Wauseon, OH	2517	COMPOSITE	200	U
Patio Enclosures Inc.	Macedonia, OH	2058	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1785	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2218	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2390	COMPOSITE	285	U
PPG Inds. Inc.	Wichita Falls, TX	1112	COMPOSITE	550	U
PPG Inds. Inc.	Fresno, CA	64	COMPOSITE	125	U
PPG Inds. Inc.	Carlisle, PA	249	COMPOSITE	400	U
PPG Inds. Inc.	Burlington, IA	1603	COMPOSITE	500	U
Republic Windows & Doors Inc.	Chicago, IL	2276	COMPOSITE	500	U
Shaw Glass Co.	S. Easton, MA	1871	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2352	COMPOSITE	400	U
Specialty Building Products	New Westminster, BC Canada	2309	COMPOSITE	750	22x64
Summit Window & Patio Door	Yakima, WA	1800	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE	400	U
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMPOSITE	300	U
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMPOSITE	285	U
Tempered Glass Inc.	Austell, GA	862	COMPOSITE	300	U
Traco (Three Rivers Alum)	Cranberry Township, PA	2489	COMPOSITE	100	U
Traco (Three Rivers Alum)	Red Oak, IA	1310	COMPOSITE	150	U
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE	100	U
Unitex Glass Co., Ltd.	Xiamen, Futian China	2574	COMPOSITE	200	U
US Precision Glass	Lewisburg, OH	185	COMPOSITE	200	U
Viracon Inc.	Owatonna, MN	1403	COMPOSITE	150	U
Viracon, Inc.	Statesboro, GA	2314	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE	285	U
Vitrierie April Inc.	Montreal, QC Canada	1997	COMPOSITE	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2371	COMPOSITE	125	U
Westshore Glass	Tampa, FL	1972	COMPOSITE	285	U
<i>1/4 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	402	COMPOSITE	900	U
ACI Distribution	Greensboro, NC	1643	COMPOSITE	300	U
ACI Distribution	Santa Clara, CA	1496	COMPOSITE	250	U
ACI Distribution	Santa Fe Springs, CA	1535	COMPOSITE	250	U
AFG Coatings	Hampton, IA	2413	COMPOSITE	150	U
AFG Inds. Inc.-CA	Victorville, CA	1925	COMPOSITE	250	U
AFG Inds. Inc.-KS	Spring Hill, KS	1705	COMPOSITE	500	U
AFG Inds. Inc.-TN	Kingsport, TN	24	COMPOSITE	300	U
AFG Inds. Inc.-TN	Greenland, TN	89	COMPOSITE	300	U
AFG Insulating	Riverside, CA	2639	COMPOSITE	250	U
AFGD	Tulsa, OK	1455	COMPOSITE	550	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
AFGD-MA	Fall River, MA	1520	COMPOSITE	400	U
All Team Glass & Mirror Ltd.	Woodbridge, ON Canada	1756	COMPOSITE	275	U
American Flat Glass Dist.	Hebron, OH	2198	COMPOSITE	200	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.	Marietta, GA	1231	COMPOSITE	300	U
Anthony International	San Fernando, CA	1000	ANSI ONLY	250	U
Ardco Inc.	Chicago, IL	2263	COMPOSITE	150	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Transparent Glass</i>					
Berkowitz, J.E.	Westville, NJ	1990	COMPOSITE	100	U
Bronco Industries Inc.	Delta, BC Canada	2245	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE	550	U
Cardinal CG	Spring Green, WI	2070	CPSC ONLY	500	U
Cardinal CG	Buford, GA	1924	COMPOSITE	300	U
Cardinal CG	Tumwater, WA	2010	CPSC ONLY	750	U
Cardinal CG	Moreno Valley, CA	2296	CPSC ONLY	250	U
Cardinal CG	Galt, CA	2360	COMPOSITE	125	U
Cardinal CG	Northfield, MN	1988	CPSC ONLY	150	U
Cardinal IG	Fremont, IN	2179	CPSC ONLY	200	U
Cardinal IG	Fargo, ND	2232	COMPOSITE	150	U
Cardinal IG	Spring Green, WI	1834	COMPOSITE	500	U
Cardinal IG	Greenfield, IA	1830	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2331	CPSC ONLY	550	U
Cardinal IG	Tomah, WI	2320	CPSC ONLY	500	U
Cardinal TG	Tomah, WI	1807	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2104	COMPOSITE	285	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	1847	COMPOSITE	400	U
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE	285	31x76
Consolidated Glass Corp.	New Castle, PA	2002	COMPOSITE	275	U
Contour Industries Inc.	Surgoinsville, TN	1677	COMPOSITE	300	18x76
Contract Glass Service, Inc.	Wilmington, MA	2385	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	1911	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2337	COMPOSITE	550	U
D & W, Incorporated	Elkhart, IN	2030	COMPOSITE	200	28x42
Edge Seal Technologies	Walton Hills, OH	2055	COMPOSITE	200	U
Efco Corp.	Monett, MO	1902	COMPOSITE	150	U
Elco Glass Industries	Lakewood, NJ	2402	ANSI ONLY	100	U
Floral Glass & Mirror	Hauppauge, NY	1548	COMPOSITE	400	U
FTG of NC, LLC	Kemersville, NC	2554	COMPOSITE	285	U
Gemtron-Sweetwater	Sweetwater, TN	1477	COMPOSITE	275	U
GGI Glass Distributors Corp.	Ronkonkoma, NY	2227	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2187	COMPOSITE	250	U
Goldray, Inc.	Calgary, AB Canada	2447	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	662	ANSI ONLY	100	U
Guardian Fabrication Inc.	Rogers, AR	1357	ANSI ONLY	900	U
Guardian Fabrication Inc.	Millbury, OH	1577	ANSI ONLY	200	U
Guardian Inds. Corp.	Lewistown, PA	1629	ANSI ONLY	100	U
Guardian Inds. Corp.	Kingsburg, CA	971	ANSI ONLY	125	U
Guardian Inds. Corp.	Corsicana, TX	1251	ANSI ONLY	550	U
Guardian Inds. Corp.	Dewitt, IA	2023	ANSI ONLY	500	U
Guardian Inds. Corp.	Carleton, MI	131	ANSI ONLY	200	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	40	ANSI ONLY	300	U
Guardian Inds. Corp.	Richburg, SC	1633	ANSI ONLY	300	U
Guardian Inds. Corp.	Geneva, NY	2262	ANSI ONLY	400	U
Guardian Walled Lake Fab.	Walled Lake, MI	2142	ANSI ONLY	200	U
Inovart USA, Inc.	Serra, ES, Brazil	2568	COMPOSITE	285	U
Interpane Glass Company	Deerfield, WI	2043	COMPOSITE	975	U
Interpane Glass Company	Clinton, NC	1074	COMPOSITE	100	U
Kohler Company	Union City, TN	1982	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1691	COMPOSITE	150	U
Mid Ohio Tempering	Columbus, OH	2157	COMPOSITE	200	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Transparent Glass</i>					
Milgard Tempering Inc.	Tacoma, WA	1578	COMPOSITE	750	U
Multiver	Vanier, QC Canada	2499	COMPOSITE	275	U
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1382	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2212	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	514	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1745	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	1420	COMPOSITE	200	U
Oldcastle Glass Schofield	Schofield, WI	1597	COMPOSITE	150	U
Oldcastle Glass Telford	Telford, PA	1879	COMPOSITE	100	U
Oldcastle Glass Wauseon	Wauseon, OH	2518	COMPOSITE	200	U
Patio Enclosures Inc.	Macedonia, OH	2059	COMPOSITE	200	U
PDC Glass & Metal Services	Cheswick, PA	1786	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2219	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2391	COMPOSITE	285	U
PPG Inds. Inc.	Wichita Falls, TX	1113	ANSI ONLY	550	U
PPG Inds. Inc.	Burlington, IA	1604	COMPOSITE	500	U
PPG Inds. Inc.	Carlisle, PA	382	ANSI ONLY	400	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2015	COMPOSITE	275	U
Republic Windows & Doors Inc.	Chicago, IL	2277	COMPOSITE	500	U
Shaw Glass Co.	S. Easton, MA	1035	COMPOSITE	400	U
Sovis North America, Inc.	Thierry, France	2248	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2353	COMPOSITE	400	U
Summit Window & Patio Door	Yakima, WA	1801	COMPOSITE	750	U
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE	400	U
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMPOSITE	285	U
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
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE	100	U
Unitex Glass Co., Ltd.	Xiamen, Fujian China	2575	COMPOSITE	200	U
US Precision Glass	Lewisburg, OH	186	COMPOSITE	200	U
Viracon Inc.	Owatonna, MN	1404	COMPOSITE	150	U
Viracon, Inc.	Statesboro, GA	2310	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2440	ANSI ONLY	285	U
Vitrierie April Inc.	Montreal, QC Canada	2543	COMPOSITE	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2372	COMPOSITE	125	U
Westshore Glass	Tampa, FL	1973	COMPOSITE	285	U
<i>5/16 Inch Tempered Transparent Glass</i>					
Guardian Inds. Corp.	Dewitt, IA	2024	ANSI ONLY	500	U
Guardian Inds. Corp.	Corsicana, TX	1826	ANSI ONLY	550	U
Guardian Inds. Corp.	Richburg, SC	2382	ANSI ONLY	300	U
Inovart USA, Inc.	Serra, ES, Brazil	2443	COMPOSITE	285	U
Interpane Glass Company	Deerfield, WI	2044	COMPOSITE	975	U
Interpane Glass Company	Clinton, NC	1075	COMPOSITE	100	U
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMPOSITE	285	U
<i>3/8 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1107	COMPOSITE	900	U
ACI Distribution	Santa Fe Springs, CA	1179	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1644	COMPOSITE	300	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/8 Inch Tempered Transparent Glass</i>					
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-MA	Fall River, MA	1521	COMPOSITE	400	U
All Team Glass & Mirror Ltd.	Woodbridge, ON Canada	1757	COMPOSITE	275	U
American Flat Glass Dist.	Richmond, VA	1958	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1232	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	1711	COMPOSITE	550	U
American Flat Glass Dist.	Hebron, OH	2199	COMPOSITE	200	U
Bronco Industries Inc.	Delta, BC Canada	2246	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMPOSITE	550	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	275	U
Contract Glass Service, Inc.	Wilmington, MA	2386	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	2144	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2338	COMPOSITE	550	U
Elco Glass Industries	Lakewood, NJ	2403	ANSI ONLY	100	U
Floral Glass & Mirror	Hauppauge, NY	1549	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2556	COMPOSITE	285	U
GGI Glass Distributors Corp.	Ronkonkoma, NY	2282	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2188	COMPOSITE	250	U
Goldray, Inc.	Calgary, AB Canada	2448	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	471	ANSI ONLY	100	U
Guardian Inds. Corp.	Lewistown, PA	1867	ANSI ONLY	100	U
Guardian Inds. Corp.	Geneva, NY	2519	ANSI ONLY	400	U
Guardian Inds. Corp.	Richburg, SC	1634	ANSI ONLY	300	U
Guardian Inds. Corp.	Dewitt, IA	2545	ANSI ONLY	500	U
Guardian Inds. Corp.	Corsicana, TX	1253	ANSI ONLY	550	U
Interpane Glass Company	Clinton, NC	1076	COMPOSITE	100	U
Interpane Glass Company	Deerfield, WI	2045	COMPOSITE	975	U
Kohler Company	Union City, TN	2434	COMPOSITE	550	U
Mid Ohio Tempering	Columbus, OH	2158	COMPOSITE	200	U
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1383	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2213	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	515	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1746	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	594	COMPOSITE	200	U
Oldcastle Glass Schofield	Schofield, WI	1796	COMPOSITE	150	U
Oldcastle Glass Telford	Telford, PA	1880	COMPOSITE	100	U
PDC Glass & Metal Services	Cheswick, PA	1787	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2229	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2425	COMPOSITE	285	U
Pilkington Brasil Ltda.	Sao Paulo, Brazil	2546	COMPOSITE	285	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2381	COMPOSITE	275	U
Shaw Glass Co.	S. Easton, MA	1036	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2453	COMPOSITE	400	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

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/8 Inch Tempered Transparent Glass</i>					
Unitex Glass Co., Ltd.	Xiamen, Futian China	2576	COMPOSITE	200	U
US Precision Glass	Lewisburg, OH	2327	COMPOSITE	200	U
Viracon Inc.	Owatonna, MN	1508	COMPOSITE	150	U
Viracon, Inc.	Statesboro, GA	2311	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2441	ANSI ONLY	285	U
Vitrierie April Inc.	Montreal, QC Canada	2544	COMPOSITE	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2373	COMPOSITE	125	U
Westshore Glass	Tampa, FL	1978	COMPOSITE	285	U
<i>1/2 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1108	COMPOSITE	900	U
ACI Distribution	Santa Clara, CA	1498	COMPOSITE	250	U
ACI Distribution	Greensboro, NC	1645	COMPOSITE	300	U
ACI Distribution	Santa Fe Springs, CA	640	COMPOSITE	250	U
AFGD	Tulsa, OK	1457	COMPOSITE	550	U
AFGD-MA	Fall River, MA	1522	COMPOSITE	400	U
All Team Glass & Mirror Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	275	U
American Flat Glass Dist.	Hebron, OH	2200	COMPOSITE	200	U
American Flat Glass Dist.	Alvarado, TX	1712	COMPOSITE	550	U
American Flat Glass Dist.	Marietta, GA	1406	COMPOSITE	300	U
American Flat Glass Dist.	Richmond, VA	1959	COMPOSITE	100	U
Berkowitz, J.E.	Westville, NJ	1991	COMPOSITE	100	U
Bronco Industries Inc.	Delta, BC Canada	2247	ANSI ONLY	750	U
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMPOSITE	550	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	275	U
Contract Glass Service, Inc.	Wilmington, MA	2387	COMPOSITE	100	U
Coraglass Inc.	Reform, AL	2145	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2339	COMPOSITE	550	U
Elco Glass Industries	Lakewood, NJ	2404	ANSI ONLY	100	U
Floral Glass & Mirror	Hauppauge, NY	1550	COMPOSITE	400	U
FTG of NC, LLC	Kernersville, NC	2557	COMPOSITE	285	U
GGI Glass Distributors Corp.	Ronkonkoma, NY	2228	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2189	COMPOSITE	250	U
Goldray, Inc.	Calgary, AB Canada	2449	COMPOSITE	750	U
Guardian Fabrication Inc.	Webster, MA	1235	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	1803	ANSI ONLY	550	U
Guardian Inds. Corp.	Lewistown, PA	1868	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	1077	COMPOSITE	100	U
Mid Ohio Tempering	Columbus, OH	2159	COMPOSITE	200	U
Oldcastle Glass Bensenville	Bensenville, IL	1384	COMPOSITE	200	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2214	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	516	COMPOSITE	125	U
Oldcastle Glass Miami	Miami, FL	1747	COMPOSITE	285	U
Oldcastle Glass Perrysburg	Perrysburg, OH	595	COMPOSITE	200	U
Oldcastle Glass Schofield	Schofield, WI	1797	COMPOSITE	150	U
Oldcastle Glass Telford	Telford, PA	1881	COMPOSITE	100	U
PDC Glass & Metal Services	Cheswick, PA	1788	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2220	COMPOSITE	275	U
PGT Industries	Nokomis, FL	2427	COMPOSITE	285	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2048	COMPOSITE	275	U

July 1, 2002

Certified Products-By Product Type

				<u>Lab ID</u>	<u>Max Size Certified</u>
				<u>SGCC #</u>	
<i>1/2 Inch Tempered Transparent Glass</i>					
Shaw Glass Co.	S. Easton, MA	1037	COMPOSITE	400	U
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE	400	U
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMPOSITE	285	U
Tempered Glass Inc.	Austell, GA	866	COMPOSITE	300	U
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE	100	U
Unitex Glass Co., Ltd.	Xiamen, Futian China	2577	COMPOSITE	200	U
Viracon Inc.	Owatonna, MN	1509	COMPOSITE	150	U
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2442	ANSI ONLY	285	U
Vitrierie April Inc.	Montreal, QC Canada	2062	COMPOSITE	400	U
Vitro Flotado Cubiertas SA de CV	Mexico City, Mexico	2374	COMPOSITE	125	U
Westshore Glass	Tampa, FL	1974	COMPOSITE	285	U
<i>5/8 Inch Tempered Transparent Glass</i>					
Cameron Glass, Inc.	Broken Arrow, OK	2506	COMPOSITE	550	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2236	COMPOSITE	400	U
Consolidated Glass Corp.	New Castle, PA	2060	COMPOSITE	275	U
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMPOSITE	285	U
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE	285	U
Vitrierie April Inc.	Montreal, QC Canada	2063	COMPOSITE	400	U
<i>3/4 Inch Tempered Transparent Glass</i>					
ACI Distribution	Dallas, TX	1225	COMPOSITE	900	U
Colonial Mirror & Glass Corp.	Brooklyn, NY	2238	COMPOSITE	400	U
Craftsman Tempered Glass	Houston, TX	2340	COMPOSITE	550	U
Elco Glass Industries	Lakewood, NJ	2405	ANSI ONLY	100	U
Floral Glass & Mirror	Hauppauge, NY	1551	COMPOSITE	400	U
GGI Glass Distributors Corp.	Ronkonkoma, NY	2283	COMPOSITE	275	U
Glass, Inc.	Englewood, CO	2190	COMPOSITE	250	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2074	COMPOSITE	125	U
PDC Glass of Michigan Inc.	Plymouth, MI	2222	COMPOSITE	275	U
United Plate Glass Co., Inc.	Butler, PA	2472	COMPOSITE	100	U
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE	285	U
<u>Tempered Patterned Glass</u>					
<i>7/64 Inch Tempered Patterned Glass</i>					
AFG Inds. Inc.-TN	Kingsport, TN	2407	COMPOSITE	300	U
<i>1/8 Inch Tempered Patterned Glass</i>					
ACI Distribution	Dallas, TX	2418	ANSI ONLY	900	U
ACI Distribution	Santa Fe Springs, CA	1861	COMPOSITE	250	U
AFG Coatings	Hampton, IA	2414	COMPOSITE	150	U
AFG Inds. Inc.-TN	Greenland, TN	587	COMPOSITE	300	U
AFG Inds. Inc.-TN	Kingsport, TN	1414	COMPOSITE	300	U
Cardinal CG	Buford, GA	2146	CPSC ONLY	300	U
Cardinal CG	Northfield, MN	2011	CPSC ONLY	150	U
Cardinal CG	Spring Green, WI	2071	CPSC ONLY	500	U
Cardinal IG	Waxahachie, TX	2397	CPSC ONLY	550	U
Cardinal IG	Fremont, IN	2203	CPSC ONLY	200	U
Cardinal IG	Spring Green, WI	1844	COMPOSITE	500	U
Cardinal IG	Tomah, WI	2321	CPSC ONLY	500	29x76
Cardinal IG	Fargo, ND	2231	COMPOSITE	150	U
Cardinal IG	Greenfield, IA	1841	CPSC ONLY	500	U
Coastal Glass Distributors	Charleston, SC	2107	COMPOSITE	285	U

July 1, 2002

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>					
Commercial Insulating Glass Co.	Sarasota, FL	1892	COMPOSITE	285	31x76
Contour Industries Inc.	Surgoinsville, TN	1676	COMPOSITE	300	18x76
Coraglass Inc.	Reform, AL	1962	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1422	COMPOSITE	275	U
Guardian Fabrication Inc.	Rogers, AR	1358	ANSI ONLY	900	U
Guardian Fabrication Inc.	Webster, MA	2450	ANSI ONLY	100	U
Guardian Inds. Corp.	Richburg, SC	1683	ANSI ONLY	300	U
Guardian Inds. Corp.	Kingsburg, CA	1303	ANSI ONLY	125	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1665	ANSI ONLY	300	U
Guardian Inds. Corp.	Corsicana, TX	2458	ANSI ONLY	550	U
Kohler Company	Union City, TN	1983	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1724	COMPOSITE	150	U
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMPOSITE	200	U
Oldcastle Glass Los Angeles	Los Angeles, CA	1611	COMPOSITE	125	U
PDC Glass & Metal Services	Cheswick, PA	1789	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2223	COMPOSITE	275	U
Republic Windows & Doors Inc.	Chicago, IL	2454	COMPOSITE	500	U
US Precision Glass	Lewisburg, OH	654	ANSI ONLY	200	U
<i>5/32 Inch Tempered Patterned Glass</i>					
AFG Inds. Inc.-TN	Kingsport, TN	2249	COMPOSITE	300	U
AFGD	Tulsa, OK	1617	COMPOSITE	550	U
AFGD-MA	Fall River, MA	2160	COMPOSITE	400	U
American Flat Glass Dist.	Richmond, VA	2479	COMPOSITE	100	U
American Flat Glass Dist.	Marietta, GA	1428	COMPOSITE	300	U
American Flat Glass Dist.	Alvarado, TX	2406	COMPOSITE	550	U
Cardinal CG	Northfield, MN	2012	CPSC ONLY	150	U
Cardinal CG	Buford, GA	2147	CPSC ONLY	300	U
Cardinal IG	Greenfield, IA	1842	CPSC ONLY	500	U
Cardinal IG	Tomah, WI	2322	CPSC ONLY	500	29x76
Cardinal IG	Fargo, ND	2285	COMPOSITE	150	U
Cardinal IG	Fremont, IN	2204	CPSC ONLY	200	U
Cardinal IG	Spring Green, WI	1845	COMPOSITE	500	U
Coastal Glass Distributors	Charleston, SC	2108	COMPOSITE	285	U
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE	275	U
Coraglass Inc.	Reform, AL	1963	COMPOSITE	300	U
Gemtron-Sweetwater	Sweetwater, TN	1424	COMPOSITE	275	U
Guardian Fabrication Inc.	Rogers, AR	1359	ANSI ONLY	900	U
Guardian Fabrication Inc.	Webster, MA	2451	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	2459	ANSI ONLY	550	U
Guardian Inds. Corp.	Richburg, SC	1635	ANSI ONLY	300	U
Guardian Inds. Corp.	Kingsburg, CA	1301	ANSI ONLY	125	U
Oldcastle Glass Los Angeles	Los Angeles, CA	2075	COMPOSITE	125	U
<i>3/16 Inch Tempered Patterned Glass</i>					
ACI Distribution	Santa Clara, CA	2368	COMPOSITE	250	U
ACI Distribution	Dallas, TX	1728	COMPOSITE	900	U
ACI Distribution	Greensboro, NC	2077	COMPOSITE	300	U
AFG Inds. Inc.-TN	Kingsport, TN	2206	COMPOSITE	300	U
AFG Inds. Inc.-TN	Greenland, TN	1139	COMPOSITE	300	U
AFGD	Tulsa, OK	1618	COMPOSITE	550	U
AFGD-MA	Fall River, MA	1523	COMPOSITE	400	U
American Flat Glass Dist.	Alvarado, TX	1714	COMPOSITE	550	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
3/16 Inch Tempered Patterned Glass					
American Flat Glass Dist.	Marietta, GA	2054	COMPOSITE	300	U
Cardinal CG	Northfield, MN	2013	CPSC ONLY	150	U
Cardinal CG	Buford, GA	2148	CPSC ONLY	300	U
Cardinal IG	Greenfield, IA	1843	CPSC ONLY	500	U
Cardinal IG	Fargo, ND	2286	COMPOSITE	150	U
Cardinal IG	Spring Green, WI	1846	COMPOSITE	500	U
Cardinal IG	Fremont, IN	2205	CPSC ONLY	200	U
Coastal Glass Distributors	Charleston, SC	2109	COMPOSITE	285	U
Coraglass Inc.	Reform, AL	1964	COMPOSITE	300	U
Craftsman Tempered Glass	Houston, TX	2342	COMPOSITE	550	U
Efco Corp.	Monett, MO	2143	COMPOSITE	150	U
Glass, Inc.	Englewood, CO	2193	COMPOSITE	250	U
Guardian Inds. Corp.	Kingsburg, CA	1304	ANSI ONLY	125	U
Guardian Inds. Corp.	Ft. Lauderdale, FL	1318	ANSI ONLY	300	U
Guardian Inds. Corp.	Richburg, SC	1865	ANSI ONLY	300	U
Kohler Company	Union City, TN	1984	COMPOSITE	550	U
Marvin Windows	Warroad, MN	1701	COMPOSITE	150	U
Oldcastle Glass Indianapolis	Indianapolis, IN	2215	COMPOSITE	150	U
Oldcastle Glass Los Angeles	Los Angeles, CA	935	COMPOSITE	125	U
Oldcastle Glass Schofield	Schofield, WI	1798	COMPOSITE	150	U
PDC Glass & Metal Services	Cheswick, PA	1790	COMPOSITE	275	U
PDC Glass of Michigan Inc.	Plymouth, MI	2224	COMPOSITE	275	U
Shaw Glass Co.	S. Easton, MA	1939	COMPOSITE	400	U
Summit Window & Patio Door	Yakima, WA	2171	COMPOSITE	750	U
US Precision Glass	Lewisburg, OH	188	ANSI ONLY	200	U
3/16 Inch Tempered Patterned Glass					
AFG Coatings	Hampton, IA	2415	COMPOSITE	150	U
American Flat Glass Dist.	Richmond, VA	2523	COMPOSITE	100	U
Cardinal IG	Waxahachie, TX	2399	CPSC ONLY	550	U
Cardinal IG	Tomah, WI	2323	CPSC ONLY	500	U
Consolidated Glass Corp.	New Castle, PA	2354	COMPOSITE	275	U
FTG of NC, LLC	Kemersville, NC	2560	COMPOSITE	285	U
Guardian Fabrication Inc.	Webster, MA	2603	ANSI ONLY	100	U
Guardian Inds. Corp.	Corsicana, TX	2460	ANSI ONLY	550	U
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMPOSITE	200	U
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMPOSITE	300	U
7/32 Inch Tempered Patterned Glass					
Oldcastle Glass Los Angeles	Los Angeles, CA	678	COMPOSITE	125	U
1/4 Inch Tempered Patterned Glass					
Coastal Glass Distributors	Charleston, SC	2562	COMPOSITE	285	U
Guardian Inds. Corp.	Kingsburg, CA	1882	ANSI ONLY	125	U
Guardian Inds. Corp.	Richburg, SC	2461	ANSI ONLY	300	U
Summit Window & Patio Door	Yakima, WA	2172	COMPOSITE	750	U
3/8 Inch Tempered Patterned Glass					
Coastal Glass Distributors	Charleston, SC	2563	COMPOSITE	285	U
<u>Tempered Bent Patterned Glass</u>					
3/16 Inch Tempered Bent Patterned Glass					
Arco Inc.	Chicago, IL	1951	COMPOSITE	150	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>1/4 Inch Tempered Bent Patterned Glass</i>					
Ardco Inc.	Chicago, IL	2006	COMPOSITE	150	U
<u>Tempered Bent Glass</u>					
<i>1/8 Inch Tempered Bent Glass</i>					
Sovis North America, Inc.	Madison, GA	2304	COMPOSITE	400	U
<i>5/32 Inch Tempered Bent Glass</i>					
Ardco Inc.	Chicago, IL	1563	COMPOSITE	150	U
Sovis North America, Inc.	Madison, GA	2305	COMPOSITE	400	U
Sovis North America, Inc.	Thierry, France	1992	COMPOSITE	400	U
Vetzeria Valentini S.R.L.	Brescia, Italy	2424	ANSI ONLY	400	U
<i>3/16 Inch Tempered Bent Glass</i>					
Ardco Inc.	Chicago, IL	1564	COMPOSITE	150	U
Sovis North America, Inc.	Thierry, France	1938	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2306	COMPOSITE	400	U
<i>1/4 Inch Tempered Bent Glass</i>					
Ardco Inc.	Chicago, IL	1565	COMPOSITE	150	U
Bendheim Wall Systems Inc.	Wunsiedel-Holenbrunn, German	2570	COMPOSITE	275	20x76"
Oldcastle Glass Bensenville	Bensenville, IL	2308	COMPOSITE	200	U
Sovis North America, Inc.	Thierry, France	1864	COMPOSITE	400	U
Sovis North America, Inc.	Madison, GA	2307	COMPOSITE	400	U
<i>9/32 Inch Tempered Bent Glass</i>					
Bendheim Wall Systems Inc.	Wunsiedel-Holenbrunn, German	2569	COMPOSITE	275	13x76"
<i>3/8 Inch Tempered Bent Glass</i>					
Oldcastle Glass Bensenville	Bensenville, IL	1536	COMPOSITE	200	U
<i>1/2 Inch Tempered Bent Glass</i>					
Oldcastle Glass Bensenville	Bensenville, IL	2053	COMPOSITE	200	U
<u>Safety Plastic Sheet</u>					
<i>.08-.125 Inch Safety Plastic Sheet</i>					
Flex-O-Glass Inc.	Dixon, IL	118	ANSI ONLY	285	U
<u>Organic Coated Glass Hybrid</u>					
<i>3/32 Inch Organic Coated Glass Hybrid</i>					
Cardinal LG	Amery, WI	2301	COMPOSITE	150	U
<i>1/4 Inch Organic Coated Glass Hybrid</i>					
Cardinal LG	Amery, WI	2300	COMPOSITE	150	U
<u>Laminated Transparent Glass</u>					
<i>1/8 Inch Laminated Transparent Glass</i>					
Guardian Inds. Corp.	Lewistown, PA	2502	ANSI ONLY	100	U
<i>5/32 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2166	COMPOSITE	150	U
Guardian Inds. Corp.	Lewistown, PA	1886	ANSI ONLY	100	U
<i>3/16 Inch Laminated Transparent Glass</i>					
Viracon Inc.	Owatonna, MN	1637	COMPOSITE	150	U
<i>7/32 Inch Laminated Transparent Glass</i>					
Guardian Inds. Corp.	Lewistown, PA	1282	ANSI ONLY	100	U
Mirror Factory	Plymouth, MN	1915	COMPOSITE	150	U

July 1, 2002

Certified Products-By Product Type

		<u>SGCC #</u>		<u>Lab ID</u>	<u>Max Size Certified</u>
<i>3/16 Inch Laminated Transparent Glass</i>					
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2366	COMPOSITE	400	U
<i>1/4 Inch Laminated Transparent Glass</i>					
Arch Aluminum & Glass Co.	Waukesha, WI	2493	COMPOSITE	200	U
Arch Ohio, Inc. dba American Glassmit	Columbus, OH	2511	COMPOSITE	200	U
Architectural Safety Glass	Ft. Pierce, FL	1914	COMPOSITE	400	U
Cardinal LG	Amery, WI	2167	COMPOSITE	150	U
Globe Amerada Architectural Glass	Selma, AL	1668	COMPOSITE	400	U
Guardian Inds. Corp.	Lewistown, PA	1946	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	2324	COMPOSITE	100	U
Oldcastle Glass Telford	Telford, PA	1652	COMPOSITE	100	U
Prelco Inc.	Riviere-du-Loup, QC Canada	2037	COMPOSITE	275	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2269	ANSI ONLY	400	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2333	COMPOSITE	400	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2585	COMPOSITE	285	U
Viracon, Inc.	Statesboro, GA	2364	COMPOSITE	100	U
<i>9/32 Inch Laminated Transparent Glass</i>					
Coastal Glass Distributors	Charleston, SC	2528	COMPOSITE	285	U
<i>5/16 Inch Laminated Transparent Glass</i>					
Galaxy Glass Corp., Inc.	Fairfield, NJ	2419	COMPOSITE	100	U
Interpane Glass Company	Clinton, NC	2325	COMPOSITE	100	U
PGT Industries	Nokomis, FL	2426	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2601	COMPOSITE	285	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2332	COMPOSITE	400	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2268	ANSI ONLY	400	U
<i>5/16 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2463	COMPOSITE	150	U
<i>3/8 Inch Laminated Transparent Glass</i>					
Cardinal LG	Amery, WI	2462	COMPOSITE	150	U
Guardian Inds. Corp.	Lewistown, PA	1947	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	2326	COMPOSITE	100	U
PGT Industries	Nokomis, FL	2429	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2524	COMPOSITE	285	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2267	ANSI ONLY	400	U
<i>7/16 Inch Laminated Transparent Glass</i>					
Tecnoglass S.A.	Barranquilla, Colombia	2465	COMPOSITE	285	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2586	COMPOSITE	285	U
<i>1/2 Inch Laminated Transparent Glass</i>					
Arch Ohio, Inc. dba American Glassmit	Columbus, OH	2175	COMPOSITE	200	U
Cardinal LG	Amery, WI	2464	COMPOSITE	150	U
Coastal Glass Distributors	Charleston, SC	2527	COMPOSITE	285	U
Guardian Inds. Corp.	Lewistown, PA	1316	ANSI ONLY	100	U
Interpane Glass Company	Clinton, NC	2290	COMPOSITE	100	U
PGT Industries	Nokomis, FL	2428	COMPOSITE	285	U
Tecnoglass S.A.	Barranquilla, Colombia	2466	COMPOSITE	285	U
Vidrio Saint Gobain de Mexico	Morelos, Mexico	2265	ANSI ONLY	400	U
Vidrios Lirquen S.A.	Penco, Concepcion, Chili	2587	COMPOSITE	285	U
Vitemco S.A. - Glasswall, Inc.	Cundinamarca, Colombia	2520	ANSI ONLY	285	U
<u>Laminated Specialty Product</u>					

July 1, 2002

Certified Products-By Product Type

				<u>Lab ID</u>	<u>Max Size Certified</u>
				<u>SGCC #</u>	
<i>1/4 Inch Laminated Specialty Product</i>					
Arch Ohio, Inc. dba American Glassmit Columbus, OH		2600	COMPOSITE	200	U
Cardinal LG Amery, WI		2564	COMPOSITE	150	U
<i>5/16 Inch Laminated Specialty Product</i>					
Cardinal LG Amery, WI		2565	COMPOSITE	150	U
<i>3/8 Inch Laminated Specialty Product</i>					
Arch Ohio, Inc. dba American Glassmit Columbus, OH		2495	COMPOSITE	200	U
<i>3/4 Inch Laminated Specialty Product</i>					
Arch Ohio, Inc. dba American Glassmit Columbus, OH		2496	COMPOSITE	200	U
<u>Laminated Patterned Glass</u>					
<i>5/16 Inch Laminated Patterned Glass</i>					
Cardinal LG Amery, WI		2240	COMPOSITE	150	U

July 1, 2002

Licenses and Their Typical Labels

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



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

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

TEMPERED
16 CFR 1201-11
ANSI Z97.1 1984
1/8U SGCC-1390
AFG 006
086206A

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

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

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

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

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

AFGD
ANSI Z97.1-1984
16 CFR 1201-CII
SGCC 1708 1/8"U

Anthony International
12812 Arroyo Street
San Fernando, CA 91342

TEMPERED
SAFETY GLASS



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

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

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

Ardco Inc.
12400 S. Laramie Ave.
Chicago, IL 60658

Ardco
TEMPER-GARD
ANSI Z97.1-1984
SGCC-1042 3/16 U

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

BRONCO TEMP
ANSI Z97.1 1984
SGCC 2245 (10mm)

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

CIG #2 TEMPERED
16CFR 1201 II
SGCC-1828 5/32U

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

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

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

colonial GLASS STEEL
TEMPERED SAFETY GLASS
SGCC 2238 3/4 U
ANSI Z97.1-1984
16 CFR 1201-1,11

July 1, 2002

Licensees and Their Typical Labels

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

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

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

DIAMOND TEMPERED GLASS



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

Coraglass Inc.
Hwy 17 South
Reform, AL 35481

CoraGlass
TEMPERED
16 CFR-1201-C11
ANSI Z97.1-1984
SGCC 1910 3/16U

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



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

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



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

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

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

Gemtron-Sweetwater
615 Hwy. 68
Sweetwater, TN 37874

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

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



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

Globe Amerada Architectural G
616 Selfield Road
Selma, AL 36703

LAMINATED SAFETY GLASS

Deleted
→ **SGCC-1668** **ANSI Z97.1-1984** **16 CFR 1201 C II** **AS 1 90** **.218 U**

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

ROGERS, AR.
TEMPERED
ANSI Z97.1-1984
SGCC 1618 5/32U
16 CFR 1201 II

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

G 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

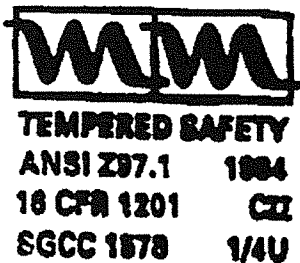


ANSI Z97.1 1984
16 CFR 1201 II
SGCC-2159 12

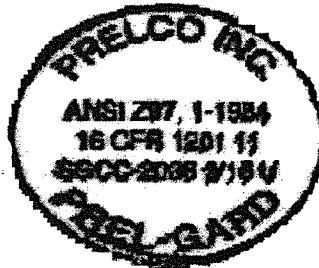
July 1, 2002

Licensees and Their Typical Labels

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



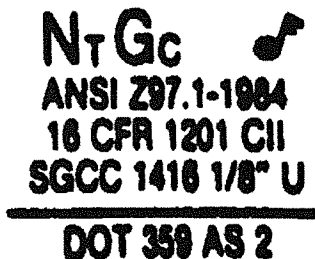
Prelco Inc.
94 Builevard Cartier
Riviere-du-Loup, QC G5R 2M9



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



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



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

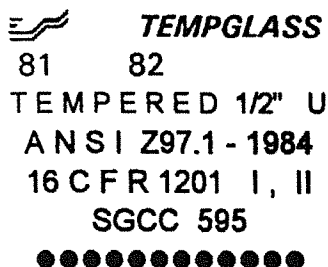
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Cranberry Township, PA 1606



Oldcastle Glass Perrysburg
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Perrysburg, OH 43551



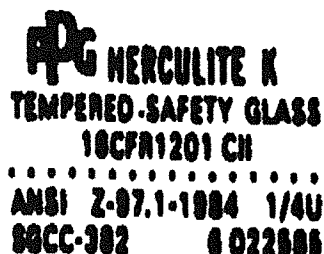
Sovis North America, Inc.
1101 Sovis Road
Madison, GA 30650

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

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Martinsville, VA 24115



PPG Inds. Inc.
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July 1, 2002

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*Brian Bishop
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