



safety glazing certification council

January 2025

certified products directory  
safety glazing material used in buildings  
visit our website @ [sgcc.org](http://sgcc.org)



January 2025

# Safety Glazing Certification Council Certified Products Directory (CPD)

Certification Program for safety glazing materials found to be in compliance with one or more of the following specifications:

"American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020)"

Copies of ANSI Z97.1-2015 (R2020) may be obtained by calling (212) 642-4900, writing the following address or visiting the following website:

American National Standards Institute  
11 W 42nd St., #13th Fl  
New York, NY 10036-8002  
<https://webstore.ansi.org/SDO/GISC>

"Consumer Products Safety Commission (CPSC) 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, writing the following address or visiting the following website:

Superintendent of Documents  
PO Box 371954  
Pittsburg, PA 15250-7954  
<https://www.reginfo.gov/public/jsp/eAgenda/GetPrintedCopies.myjsp>

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**SGCC "Record of Compliance Testing" to support a manufacturer's CPSC Certificate of Compliance Testing may be obtained, when authorized by the SGCC licensee, at**  
<https://www.sgcc.org/product-search/compliance-testing>

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"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-2022"

Copies of CAN/CGSB 12.1 may be obtained by calling (613) 238-3222, writing the following address or visiting the following website:

The Secretary  
Canadian General Standard Board  
Ottawa, Canada K1A 1G6  
[https://publications.gc.ca/collections/collection\\_2022/ongc-cgsb/P29-012-001-2022-eng.pdf](https://publications.gc.ca/collections/collection_2022/ongc-cgsb/P29-012-001-2022-eng.pdf)

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Additional copies of this Certified Products Directory may be obtained by contacting the SGCC® office or by going to our website to download a PDF copy

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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®) or by visiting the SGCC website at [www.sgcc.org](http://www.sgcc.org)

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® or visit the SGCC website at [www.sgcc.org](http://www.sgcc.org)

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## **ACCREDITATION**

In 2016 the American National Standards Institute (ANSI) issued ISO/IEC 17065 Accreditation to the SGCC® Certification Program and AMS, Inc., the program Administrator and Certification Body (CB). This Accreditation is a formal recognition of fulfilling the requirements of the ISO/IEC 17065:2012 standard, as well as ANSI's own accreditation requirements.

### **What is Accreditation?**

Accreditation is similar to certification. Just like in certification there is an independent party who assesses and determines whether or not an organization meets specific requirements. In the case of ANSI National Accreditation Board (ANAB) assessment of the SGCC® Certification Program and AMS, Inc., they were assessed to ISO standard ISO/IEC 17065:2012. The end result is called accreditation.

### **Who is ANAB?**

ANAB is a non-governmental organization and a wholly-owned subsidiary of American National Standards Institute (ANSI), which is a not-for-profit organization. Consistent with ANSI's nonprofit mission to administer procedures and criteria for accreditation of conformity assessment programs and to encourage organizations to prepare and submit such programs for accreditation, ANAB provides accreditation services, assessment services, and training to public- and private-sector organizations that serve the global marketplace. ANAB assesses and accredits organizations (i.e., conformity assessment bodies or "CABs") to international and domestic standards, requirements, and other programs. ANAB has comprehensive signatory status across multilateral recognition arrangements of the International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC).

Information from: <https://anab.ansi.org/about-anab/>, About ANAB, 2024. Web. January 16, 2024

### **What is ISO/IEC 17065:2012?**

ISO/IEC 17065:2012 is an internationally-recognized standard for bodies certifying products, processes and services. It is the main source of criteria used to assess the SGCC® Certification Program and AMS, Inc. The standard specifies requirements that, according to ISO/IEC 17065:2012, "ensure that certification bodies operate certification programs in a competent, consistent and impartial manner...".

### **How will this affect my Certification?**

Accreditation of the SGCC® Certification Program and AMS, Inc. is the formal recognition that they have met strict requirements placed on them. This means that as a manufacturer, operator, or provider of certified products, you can be sure that the SGCC® Certification Program is operated to some of the highest quality standards in the world. Because the SGCC® Certification Program and AMS, Inc. have always followed stringent guidelines there will be minimal changes to the certification program. When changes are necessary though, you will be notified in advance.

Though the SGCC® Certification Program requirements won't change much due to the accreditation, it does offer an opportunity for manufacturers to show conformance to an ANAB-Accredited certification program, an invaluable association to set you apart in the market. For more information, and restrictions and limitations, please contact AMS, Inc.

### **Disclaimers**

While there are significant benefits to being associated with this accreditation, accreditation doesn't mean that ANAB approves certified products, processes, or services of Licensees. In addition, the ANAB Accreditation symbol and ANAB logo are not permitted to be displayed on any product or its packaging.

### **Questions or Want to Learn More?**

If you have any questions or need additional information regarding any of the topics presented above, please feel free to contact AMS, Inc. at (315) 646-2234, or email us at [sgcc@amscert.com](mailto:sgcc@amscert.com).

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*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Magic Mirror and Shower Enclosures Inc.	Alex Hernandez		
Majestic Glass Inc.	Maikel Barrios		
Making Glass North America Inc.	Malcolm Jacobs	Carsten Hovelmann	
Manko Window Systems- CO	Matthew Hoyt		
Manko Window Systems- IA	Kevin Tyson		
Manko Window Systems- KS	Kevin Dix		
Maryland Glass & Mirror	Matthew Dalbke		
McGrory Glass	Gary McGrory		
Mercer Glass Fab LLC	Don Bielawski		
Mid-American Glass, Inc.	Michelle Magyar		
Milkana OOD	Krasimir Tanchev	Kaloyan Bedzhev	
Minneapolis Glass Company	Len Hatcher	Lanie Sanderson	
Mirror Works Inc.	Nermin Berbic	Taylor Thibert	
Mitrex Inc.	Travis Yeow	Roel Sarmiento	
ML System SA	Kamil Parylak	Sebastian Wilk	
M-Power Glass Ltd.	Brian Ngan	Alex Wu	
Mr. Glass LLC.	Hui Lin	Wen Wang	
Multiver Ltee	Martin Cormier	Annie Cormier	
Nanjing Feitian Varo Glass Product Co., Ltd.	Li Qiqi	Zhou Xiaojun	
Nashville Tempered Glass Corp.	Richard Roemke	Joseph Loos	Philip Contella
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
Ningbo Runner Industrial Corporation	Vicky Chen	Jianquan Zhang	
Ningbo Walron Special Glass Co. Ltd	Cui Hongliang	Fred Luo	
Ningbo Xinxin Glass Technology Co., Ltd	Jessee Wu		
Niskayuna Glass	Mark Maslanka	Michael Rausch	
Nissink Business Glass BV	Robert Nissink	Esther vd Berg	
NOLA Showers, L.L.C.	Brian Laborde		
Norfinch Glass & Mirror Mfg. Ltd.	Barrington Timoll	Henry Pham	
Northwest Glass Manufacturing Inc.	Edward Pemberton	Trace Kauffman	
Northwestern Glass Fab	Stan Muriska		
Northwestern Industries, Inc- Yuma, AZ	John Butler		
Novatech Group Inc.	Marie-Eve Bouchard	François Dubé	
Novavetro S.r.l.	Cristiano Lucentini	Giuliano Toniolo	
ODL, Inc.	Patrick Corbeil	Sandro Greco	
Oldcastle BuildingEnvelope®	Robert Jackson	Mark Le Munyon	
Onyx Solar Energy, S.L.	Alvaro Beltran		
Opulux Glass	Mubeen Aslam		
P&C Tempered Glass, LLC.	Arnaldo Cruz Gonzales	Elsó Perez Sotolongo	
Panasonic Housing Solutions Co., Ltd.	Takeshi Kimura	Hiyoruki Tsuboyama	
Pan-Dur Glass GmbH	Nadine Weiß		
Panoramic Doors LLC	Brett Chamberlin	Aaron Miller	
Paragon Tempered Glass	Barry DeLong	Chris Walker	
Patriot Armored Systems, LLC	Michael Biancolo		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
Philly Glass Industry Inc.	Danny Zhu	Ben Zhu	
Pingdingshan Youbo Glass Technology Co., Ltd.	Zhao Zhenguo	Luo Qiaoliang	
Precision Glass Bending Corporation	Russell Alder		
Precision Glass Industries	Kevin Waller	Lance Hamilton	
Prelco Inc.	Stephane Mercier		
Prelco MTL Inc.	Nancy Stuart	Jocelyn Ouellet	
Premier Glass Products	Seth Jones		
PRESS GLASS SP ZOO	Adam Wierzbowski		
Press Glass, Inc.	Conrad Lankford	Mike Lankford	
PRL Glass Systems	Ruben Gallegos		

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Productora y Distribuidora de Espejos S.A. de C.V.	Jose Natividad Gonzalez		
Produits Verriers International Inc.	Victor Scherer		
ProTemp Glass, Inc.	Silvio Tuffolo	Vee Shivprasad	
Przedsiębiorstwo Prywatne Rezal	Michal Aleksandrowicz	Magdalena Pisera	
PT Abebersa Pratama	Mahud Halim		
Pulp Studio, Inc.	Bernard Lax		
Qianse Acrylic Co., LTD.	Spring Liang		
Qingdao Apis Glass Industries Co. Ltd.	Zhang Li		
Qingdao Chinastar Glass CO., Ltd.	Li Bangshan	Shirley Gan	
Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	Liang Wang	Frank Jia	
Qingdao Ideal Building Material Co. Ltd.	Yan Feng		
Qingdao Jinjing Co., Ltd.	Zhang Yujing	Li Jiaman	
Qingdao Kingdom Glass Co., Ltd.	Tina Gu	Yanmin Yu	
Qingdao Laurel Glass Technology Co., Ltd	Bruce Jia		
Qingdao Pioneer Glass Co.,Ltd.	Xu Baowei	Chen Lei	
Qingdao Runya Glass Products Co., LTD	Amy Guo	Alice Cao	
Qinhuangdao Entrylite Technology Co.,Ltd.	Gwang H.Park	Shi Lingkun	
Qinhuangdao Huaguang Technology Glass Co., Ltd.	Tina Yang	Jiancheng Sun	
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan	Cindy Sun	
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Linda Qin	Cindy Sun	
Qinhuangdao Rongsheng Glass Processing Co., Ltd.	Cheng Na		
Qinhuangdao Shengrui Glass Processing CO., LTD.	Sanbao Chen	Cui Liu	
QinHuangDao Tianrui Tempered Technology Glass	Yanjun Zhu	Zhu YanJun	Cheng Yi Bin
Quaker Window Products, Inc.	Curtis Weavers		
Quality Enclosures Tempering, Inc.	Marvin Aguilar		
Quality Enclosures, Inc.	Michael Schwartz		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quest USA, Inc.	Joe Kuykendall	Charles Burt	
Quest Window Systems	Daniel Zalzman		
R&R Insulated Glass Products D.B.A. Aurora Windows	Ery Hernandez	Selena Hernandez	
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
Renin Canada Corp.	Shervin Shahriari	Mardi Huelsekopf	
Resman Glass PVC Aluminum SAN. VE TIC. A.S.	Buse Duygu Dagidir	Burak Koprulu	
Rider Glass Company Limited	Luis Liu	Simon Li	
Rizhao Huaye Glass Co., Ltd.	Alex Yin	Grant Lee	
Robover Inc.	Tommy Fortier	Alain Fortin	
Rohden Vidros LTDA	Edilene Kniess	Lenuir Kniess	
SAAND Inc.	Paul Ferguson	Steve Callahan	
Saban Acikgoz Ins Malz San Tic AS	Gunay Acikgoz	Sinah Acikgoz	
Safti First	Sean Ross	Josh Bascue	
SAGE Electrochromics Inc.	Chuck Hayes	Dianne Dahl	
Saint Gobain Mexico, S.A. de C.V.	Alberto Boix	Gladys Rios	
SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial	Magdalena Morgiewicz	Mateusz Krokosz	
Saudi American Glass Company	Liberato Gubat		
SC Olin S.R.L.	Marian Costache	Loan Grigoras	
Selective Shower Glass Designs Inc.	Fabio Castiblanco	Luz Adriana Alvarez	
Senneca Holdings Inc, (Thermoseal Brand)	Joseph Sokalski		
Sfera SRL	Vianello Elio		
SGC International Inc.	James Huang		
SGP Acquisition Inc. (Specialty Glass Products)	Patrick Bloom	Richard Merdzinski	
Shandong Blue Glass Technology Co., Ltd.	Ma Qiang	Dou Jie	
ShanDong HaanGlas Co., LTD	Han XiaoQing	Zhang YongJian	
Shandong Jinjing Science & Technology Stock Co.,	Huanqing Zhang	Xu Ping	
Shandong Kingtom Glass Co., Ltd.	Tao Zhenmin		
Shandong Taishan Huayue Glass Co., Ltd.	Gao Hu	Liu Fan	
Shandong Wensheng Glass Technology Co., Ltd.	Yuetao Liu	Bo Chen	

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Shandong Xingguan Glass Technology Co., Ltd.	Cheng Jie	Yang Gaowei	
Shandong Yaohua Glass Co., Ltd.	James Hu		
Shanghai HJ Safety Glass Co., Ltd	Hou Longtao	Hui Zihua	
Shanghai Jiajie Glass Co., Ltd.	Li Hongzhen	Matt Wang	
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Da Hai		
Shanghai Zhenzhen Glassware Co., LTD.	Brian Y. L. Chong		
Shape Glass LLC.	Brian Bradford		
Shenzhen Sun Global Glass Co., Limited	Zhang Guanghui		
Shower Doors & More Inc.	Page Giacin	Larry Giacin	
Sichuan CSG Energy Conservation Glass Co., Ltd.	Liu Song		
Sierra Glass Fabrication Inc.	Jack Baum		
SIGCO, Inc.	David A. McElhinny	Matthew Dunn	
Simonton Windows	Tina Seese	Steven Saffell	
Sisecam Flat Glass Italy S.r.l.	Antonio Santoro		
Sky Land Glass Corp.	Ricky Zeng		
Skyline Design	David Wildfield		
Smart Glass Group LLC	Anton Yerkeyev		
Soluciones Arquitectonicas, S.A. De C.V.	Pablo Andres Rishmawi C.	Marco Ivan Mendoza R	
Soluciones Vitro Plano S.A. de C.V.	Alberto Vilchis Trujillo		
South Bay Showers, Inc.	Michael Sutton		
Southern Wholesale Glass	Mark Michael		
Splendor Shower Door	John Wanamaker	Tom Wanamaker	
Star Glass Tempering LLC	Grzegorz Putek	Monika Putek	
Stargrup Cam A.S.	Ali Nurman		
Strong Tempering Glass Industry LLC	Mark Chen		
Sunfire Glass, Inc.	Dennys Fernandez		
Sunglas Technics Co., Ltd.	Zhao Jianxin	Steven Shung	
Suzhou Yun Yao Glass Co., Ltd.	Yao Wenzhong	Hong Qiang	
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Tacoma Glass Mfg. Inc.	Tim Conroy		
Technical Glass Company	Engr Mousa El Gedaily	Engr Ahmad Tawalbeh	
Techni-Glass LLC	Pat Murphy	Jason Hooven	
Tecnoglass S.A.S.	Christian Daes	Diana Lohrer	
Tecnovidrio S.A. de C.V.	Ricardo Aguilar Martinez	Sara Ivonne Penaloza Ruiz	
TEMCOR S. DE RL DE CV	Genaro Cortez		
Temp Glass Inc.	Sigfrido Martinez		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
Tempered Glass Industries, INC.	Robert Whitlow Jr		
Tempion Tempering Glass LLC.	Ben Chen	Joanne Chen	
Templados Del Centro SA DE C.V.	Omar Rios	Fernanda Garcia	
Templados Industriales S.A. de C.V.	Pedro Chavez	Diana González	
Templex USA	Ely Zieg	Brett Agler	
TG Qingdao Glass Co., Ltd.	Albert Wang	Judy Li	
TG Taicang Architectural Glass Co. Ltd	Melody Bi		
TG Tianjin Glass Co., LTD	Zhengyue Wang	Jing Zhang	
The Glass Factory, LLC	Juan Carlos Isasi	Homero Tapia	
The Glass Guild Ltd.	Sarah Cantrill	Stuart Cantrill	
Thermafix A.J. Inc.	Francois Ouellette		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermo BSL	Pierre-Luc Bellavance	Claude Pelletier	
Therval	Kurt Gerhard	Ana Karen Rodriguez	
Thompson I.G. , LLC.	Dale Houck		
Tianjin CSG Energy Conservation Glass Co., LTD	Zaida Liu		
Tianjin Northglass Industrial Technical Co., Ltd.	Zhang Xue	Anna Wu	
Transparent Design S.R.L.	Adrian Badici	Oana Vicoleanu	
Treaty City Industries Inc.	Robbie Jones		
Tristar Glass, Inc.	Tim Kelley		

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Triton Glass LLC	Sahaj R. Patel		
Trulite Glass and Aluminum Solutions	Jeff Haberer	Adrian Casas	
Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam	Ercan Acar	Burcu Sekir	
Tweddell's Inc.	Corey Myer	Ed Blair	
U.S. Glass Distributors Inc.	Franco Alfano	David Jaskulski	
Ungari Investments, LLC. (dba S.F. Tempering)	Jorge Ontiveros	Salva Sorka	
Uniglass	Shakil Ahmed Khan		
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly	Allen Gottlieb	
US Glass Depot LLC	Paul Huang	Harry Weng	
US Glass Tempering Inc.	Anil Kumar	Sid Dhir	
US Tempering LLC	Haidong Weng		
VA Glass, LLC.	Rodney Keatts	James Wright	
Valentini Glass & Components srl	Claudio Valentini		
Vandaglas Eckelt GmbH	Christian Eckelt		
Vetzeria F. Illi Paci	Maurilio Paci		
Vetriko S.A.	Jorge Torbay	Fernando Navedo	
Vetrodomus SpA	Frederico Casaccio	Chiara Pastore	
Vidplex Universal S.A.S	Michael Rodriguez	Daniela Garcia Avella	
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrio Duro de Mexico S.A. de C.V.	Carlos Benet Trad	Gabriel Howerton	
Vidrio Plano De Mexico S.A. DE C.V.	Prisciliano Bernal Ramirez	Santiago de la Torre Garcia	
View Inc.	Joe Crouson		
Viewrail	Troy Burns	David Maxwell	
Viracon Inc.	Brian Louks	Michael Schettler	
Vision En Cristal Y Aluminio SA DE CV	Jaime Salazar Guzman	Edgar Valverde Chong	
Vista Glass Corporation	Sajad Kazemeyni	Jay Patel	
Vistamatic, LLC	Kevin Roth		
Vitelsa Mosquera S.A.	Laura Luna		
Vitalum Glass Solutions Inc.	Eliben Morelos	Benjamin Morelos	
Vitre-Art C.A.B .(1988) Inc.	Nicolas Barazin	Martin Comeau	
Vitro Flat Glass, LLC (formerly PPG)	Wagner Lozano	Paul Di Cesate	
Vitrum Glass Ltd.	Tim Stewart	Michael English	Carmelita Pena
Vitrum Industries Ltd.	Tim Stewart	Carmelita Pena	
Viwinco, Inc.	Michael Duncan	Kim Hammerschmidt	
W. A. Wilson Inc.	Robert Hartong		
W.C.P., Inc dba West Coast Insulated Glass Products	Rusty Neubauer		
Washington Glass Fabrication LLC.	Rahim Wali	Gregory Mason	
Werkman (Shandong) Vacuum Glass Technology Co.,	Li Hongyu	Liu Yongliang	
West Seal Ltd.(AWG Northern Dist.)	Craig Leonard	Barb Szaszik	
Wexford Viking Glass Limited	Paul Murphy	Pauline Kirwan	
Whalley Glass Co	Mark Vece		
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Chet Day		
WHTB Glass, LLC	Alan Tan	Yufeng Pan	
Window Creations, LLC	Jason Buehrer	Brad Allison	
Window Technologies, Inc.	Michael Castleberry		
Wisconsin Shower Door & Supply Corp	Chuck Biesik	James Kinsey	
W-M Glass sp. zo.o.	Dariusz Monkiewicz	Rafal Wedrowski	
Wolverine Glass Products, Inc.	Rodger Ruff	Chelsie Cowles	
Woodbridge Glass Distribution Inc.	Eduardo Raposo	Simone Iezzi	
Woon-Tech Inc.	Joshua Foster		
WSD Glass, Inc.	Gary Reece		
Wujiang CSG Huadong Architectural Glass Co., LTD	Yu Jinhui		
Wutkowski Sp. Zo.o.	Marcin Mroczkowski	Aneta Grzelak	
Xiamen Shiner Glass Co., Ltd.	Anne Law	Maggie Liang	

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Xianning CSG Energy Conservation Glass Co., LTD.	Yu Jiao		
Xuancheng Mingyang Glass Technology Co., Ltd.	ManLing Yin	Jiang Jian	
XYG North America Corp.	Joanne Loh	Lawrence Tao	
Yakut Cam A.S	Faith Poyraz	Murat Tuncer	
Yantai Bluesky Glass Co., Ltd	Kelly Jiang		
Yantai Dongfang Glass Co., Ltd	Xing Jinwei		
Yildiz Cam San. Tic. A.S.	Mevlude Kaynak	Gulsen Ekici	
Yin Fu (Dong Guan) Glass Co., Ltd.	Lily Chen		
YinJian DongGuan Glass Engineering Co., Ltd.	Huang Wen Jun	Ana Li	
Yitian (Cattis) Glass Product Co., Ltd	Xiaojun Zheng		
Yong Feng Tai Foshan City Glass Co., LTD.	Aijun Zhong		
Yorglass Cam Sanayi Ve Ticaret A.S.	Serap Bayram		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xu Zhengdong		
Zhaoqing CSG Energy Conservation Glass Co., Ltd	Yubin Zeng	Edwin Cao	
Zhejiang Jinchen Glass Co., Ltd.	Jin Yong Tang	Liu Peihua	
Zhejiang Pusaisi Intelligent Glass Co., LTD	Qi Luofeng	Zhang Jianjun	
Zhongli Glass Co., Ltd	Meng Qingxian		
Zhongshan Shengchang Glass Product Ltd.	Xiandao Chen		
Zhongshan Walle Glass Product Co., Ltd	Yilan Liu		
Zhongshan Xinghe Glass Co., Ltd.	Zeng Ming	Tang Zhangshu	
Zorro International Corporation	Joe He		

**Certification Committee Chairman - Mark Cody**

**Member by virtue of being a director**

Public Interest	William Nugent
Public Interest	Elaine Rodman
Public Interest	June Willcott
Public Interest	Peter Weismantle
Glasstech, Inc	Norman Nitschke
Public Interest	Patrick Loughran

January 2025

Revised 10/1/2014

**~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.

The purpose of SGCC is:

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

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

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020).

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

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-2022

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 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, half the voting power of the board resides in the public interest directors 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. (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.



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Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC® independently selects, at least twice in each year, samples during 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 a list of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants. 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. (Modified 1/2021)

## **PROCEDURAL GUIDE (SD-07)**

### **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.

ANSI Z97.1, 16 CFR 1201, and CAN/CGSB 12.1 all provide sound technical basis for a high level of safety. With the addition of independent administration, plus periodic routine sampling and product evaluation, a program of product certification is maintained which provides an independent third-party certification and testing program. The Certification Program described herein is predicated upon the concept of independent and impartial administration of the certification procedures which are incorporated in the SGCC® License Agreement.

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

### **GENERAL INFORMATION**

#### **THE CERTIFICATION CONCEPT**

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

To buyers, specifiers, code officials and users, the SGCC® certification label offers the licensee assurance his safety glazing material has been produced in conformance to ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

Federal law, many state statutes, municipal ordinances, and building codes require glazing materials installed in certain defined locations comply with ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

#### **WHO CAN BECOME A LICENSEE? (Revised 10/14/2016)**

Any manufacturer of safety glazing materials is eligible, on a voluntary basis, to become a licensee. A manufacturer is the entity who fabricates, constructs, treats, or combines glazing materials with other materials to make a final safety glazing material.

#### **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 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

#### **ADMINISTRATION**

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

#### **HOW CAN YOU BECOME A LICENSEE?**

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

- a) (i) The applicant signs the SGCC® License Agreement and emails it to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants applying on

behalf of a manufacturer must include the location and appropriate signatures of their manufacturer for each location. (Revised 9/19/2017)

- (ii) The applicant must complete the SGCC® Application, which includes all of the necessary information for the safety glazing product(s) and return to SGCC®. (Added 7/1/2016)
- 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 16 CFR 1201 and/or CAN/CGSB 12.1. Reports shall only be accepted directly from SGCC® Approved independent laboratories. **Test reports are valid for initial certification if the report date is within 60 days.** (Revised 9/19/2017)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/2007)
- e) If the Licensee has certified product with SGCC during the prior 24-month period and has had all products decertified by SGCC or has voluntarily decertified all products, an audit must be performed by the Administrator’s representative and any corrective actions resulting from such audit resolved (Added 9/19/2017)

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

### **QUALITY ASSURANCE PROGRAM (Revised 10/4/2018)**

SGCC® requires licensees to have a working quality assurance program for the fabrication of safety glazing. Compliance to quality assurance requirements will be validated at the first plant inspection after products are certified. Adherence is verified during twice per year plant visits. These requirements were adopted to improve the overall quality and reliability of safety glazing products in the program. These requirements are in addition to the ANSI, CPSC and CAN/CGSB 12.1 compliance testing required by the SGCC® certification program. The intent is to enhance the quality of products produced in the interim production periods between test cycles. Although a quality assurance program is a fundamental element of good fabrication practices, only successful testing to ANSI Z97.1, 16 CFR 1201 or CAN/CGSB 12.1 is valid proof of compliance with these standards.

#### **Quality Assurance Requirements:**

- 1) **A Quality System Manual** – A quality manual shall be present that documents, identifies, describes and contains the workings of the quality system, and as a minimum contains the following sections:
  - a. Designated Person for Quality Assurance
  - b. Process Control (Procedures)
  - c. Production Testing
  - d. Calibration
- 2) **Designated Representative for Quality Assurance** – The manufacturer shall designate a person who is responsible for the quality system function in the manufacturing facility.
- 3) **Process Control** - The individual areas involved in the fabrication of safety glazing shall be defined. Each area shall have documented procedures.
- 4) **Production testing** – Procedures shall describe testing of regular production and shall include SGCC requirements for safety glazing products. The SGCC auditor shall 1) review historical testing records ensuring procedures were followed if failure occurred 2) witness at least one production test and 3) review the method of evaluation during twice per year visits. When samples are not available, the manufacturer shall describe to the auditor how production testing is performed. Where ANSI or ASTM test methods are referenced below, other like national or internationally accepted test methods (for example EN 12600) are acceptable. Records of testing shall be maintained for a minimum of 10 years. See "Guidance for the SGCC® Quality Assurance Production Testing for additional information and a list of Suitable Alternatives available at <https://www.sgcc.org/more-info/miscellaneous->

[forms-and-information](#))

- a. Tempered – ANSI Z97.1 Center Punch<sup>1</sup> and/or Impactor<sup>1</sup> Test - As a minimum, testing shall occur on the first of each product thickness per shift. Additional testing may be appropriate.
  - b. Laminated – ASTM F3007<sup>1</sup> and/or ANSI Z97.1 Impactor Test - During regular production periods, a minimum sample collection shall be performed weekly, and actual testing occur at least monthly. Sample collection must be traceable to specific production runs. For ASTM F3007 testing, sampling and testing shall occur as a minimum on the thinnest product(s) produced. Evaluation shall occur and drop height selection as a minimum shall be in accordance with ASTM F3006.
  - c. Products other than Tempered or Laminated - Testing procedures shall be established and accepted by the SGCC Administrator.
- 5) **Calibration** - Test equipment used in the quality inspection process must be working properly and accuracy assured. Equipment shall be 1) identifiable, 2) records of the calibration maintained, and 3) a method shall exist for monitoring at least an annual calibration.

### **HOW THE CERTIFICATION PROGRAM WORKS (Revised 10/1/2020)**

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

After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. In consideration of public health concerns one or both of the twice per year audits can be conducted virtually. During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.

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 (CPD).

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches (34”x76”) 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 (Revised 10/14/2016)**

Approved products are listed in a Certified Products Directory (CPD). 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, plant location, and product description of safety glazing material certified by SGCC®.

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<sup>1</sup> Please contact SGCC at [SGCC@amscert.com](mailto:SGCC@amscert.com) or visit the SGCC website (<https://www.sgcc.org/more-info/miscellaneous-forms-and-information>) for additional information including equipment details and purchasing options for this equipment.

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 visits to the manufacturing plant or from the marketplace.

## **COMPLIANCE SAFEGUARDS**

### **HOW IS COMPLIANCE ASSURED (Revised 11/4/2015)**

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable test specification(s), is upon first failure, subject to the retest requirements of guideline G.11. Should the G.11 retest fail to comply, the product shall be subject to the removal of certification. After the 2<sup>nd</sup> consecutive failure, the licensee is given 7 days in which to demonstrate to the satisfaction of the Administrator compliance, and if not, certification is automatically withdrawn at the end of the 7-day period.

When any program, audit or quality assurance requirements are found to be in non-compliance, the licensee is sent a request for corrective action giving 30 days in which to demonstrate to the satisfaction of the administrator, compliance with requirements. If the licensee does not respond, a warning of possible removal of authorization to use the SGCC® permanent label is sent giving an additional 30 days to respond. If the licensee does not respond acceptably, authorization to use the SGCC® permanent label is **automatically terminated** at the end of the second 30-day period. (Revised 11/4/2015)

### **CHALLENGING A CERTIFIED PRODUCT (Deleted 10/1/2014)**

### **COMPLAINTS AND/OR APPEALING A CERTIFIED PRODUCT (11/03/2015)**

Negative feedback, from any source, on any aspect of the certification program or program administration that requires a response will be deemed a Complaint that requires a response. A complaint that challenges the conformance of any safety glazing product to program requirements shall be deemed an Appeal, whether by a licensee or by a consumer or other third party. Complaints or Appeals must be in writing and are first handled by the Administrator following the below procedure:

- 1) Complaints and Appeals are logged for tracking.
- 2) Notification of receipt and of the Complaint and Appeal process is sent to the initiating party.
- 3) Information from all involved parties is gathered.
- 4) All information is reviewed, and a determination is made by the Administrator.
- 5) Notification is sent to all involved parties of the outcome.
- 6) All Complaints and Appeals are reviewed in a timely fashion and once resolved are marked as such.

To help determine how to best handle a Complaint or Appeal, they may be categorized by the type of party initiating the Complaint or Appeal, either from a Business (i.e., licensee, competitor, or industry party), Consumer (i.e. end user or retailer), or Program Participant (i.e. participant, supplier, or licensee). The Administrator will discuss and work with the initiating party to determine coverage of costs associated with handling the Complaint or Appeal (this can be waived at the discretion of the Administrator or SGCC President). Once costs are agreed upon, the Administrator will investigate and make a determination. If the Administrator's determination is in favor of the complainant or appellant, then any costs associated will be borne by the involved licensee, SGCC, or the Administrator. If the Administrator disagrees with the complainant or appellant, then the initiating party is responsible for any costs.

Determinations by the Administrator can be contested and if they are, the matter will be sent to the SGCC Quick Action Committee for determination. If the Quick Action Committee's determination is contested, then the matter is sent to the Certification Committee for final determination and resolution. No further appeal is permitted from the decision of the Certification Committee.

### **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. See G.23 for more information.

**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/BUSINESS ACCOUNT 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

Test reports are valid for initial certification if the **report date is within 60 days**. (Revised 11/4/2015)

Initial certification during the first three months of the initial six-month period will require a selection in the first three months of the following six-month certification period.

**CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS**

**LICENSE AGREEMENT**

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

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

**EFFECTIVE DATE, DURATION AND TERMINATION**

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

Upon its proper execution and acceptance by SGCC®, the Pre-issued Certification Number Bond (SD-06) 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 (hard copy and/or electronic) the SGCC® Certified Products Directory on or about January 1 and July 1 of each year;
- f) handles all routine clerical duties of SGCC® with respect to certification matters;
- g) acts as SGCC® treasurer, invoices licensees, maintains a bank account, and disburses funds (fiscal reports are made to the SGCC® Certification Committee);
- h) furnishes all testing, except for initial or prototype tests;
- i) attends all scheduled meetings of the SGCC® Certification Committee; and
- j) in all of its actions, acts in the name of SGCC®.

### **CERTIFIED PRODUCTS DIRECTORY**

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

### **CERTIFICATION LABEL**

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

### **PROGRAM RESPONSIBILITY**

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

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

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

## CERTIFICATION GUIDELINES AND INTERPRETATIONS

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

### GENERAL

#### G.1

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

#### G.2

Tests for initial compliance of safety glazing materials to ANSI Z97.1 / 16 CFR 1201 plus CAN/CGSB 12.1 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 7/1/2016)

G.3 (Deleted 11/4/2015)

#### G.4

For insulating glass units to be considered safety glazing material, each lite in the construction (double pane or multi-pane assemblies) must be of safety glazing material. (Modified 10/5/2022)

#### G.5

The SGCC® 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 and c of G.11 shall be followed. (Revised 3/16/1990, updated 10/2/2014)
- b) The laboratory shall verify that the label complies with SGCC® labeling requirements. (Revised 10/15/2008)
- 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. Although this set of samples will already be considered as noncompliant with label requirements, test specification testing will still occur for information only, unless otherwise requested not to be tested by the licensee. Until that time, the testing laboratory is instructed to make these specimens available to the licensee at their convenience (the specimens are to remain at the testing laboratory) in order that the licensee may point out or show them that in fact the SGCC® permanent label is correct or agree that in fact the correct SGCC® permanent label is not present. In cases of any dispute between the licensee and the testing laboratory the decision of the Administrator shall be final. The licensee shall not mark specimens after receipt at the testing laboratory.
- e) Effective with the last of 2016 (L16) certification period, the SGCC® permanent label, if looking to certify ANSI, must contain ANSI Z97.1-2015 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 7/1/2016)

#### G.7

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 4.4 (impact tests) and 5.4.3 (aging tests) of ANSI Z97.1 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 (section 6.3.1).

G.8 (Deleted 4/29/2010)

G.9 (Deleted 7/1/2016)

G.10 (Revised 12/7/2018)

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

- a) The licensee is permitted six (6) weeks in which to effect delivery of said specimens to the Administrator's designated testing laboratory. For laminated glass, specimens must be the thinnest interlayer, [and the thinnest product configuration certified for each generic interlayer category.](#) (Revised 9/13/2023)
- b) Failure to act as specified above shall be construed by the Administrator as failure of said specimens to comply with the specifications and the Administrator shall act as provided for in license agreement A.6.

G.11 (Revised 10/2/2014)

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 (RT) 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) All costs related to G.11 are to be borne by the licensee.
- c) 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 5/6/1999)

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 10/20/1989)

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/emailed on or before April 1 and October 1 of each year. Payment is due May 1 and November 1 respectively.

- b) For all overdue invoices, as of May 1 and November 1, a phone call will be made as a reminder and to ensure that the licensee received the invoice. An email will follow the phone call.
- c) For all overdue invoices, as of May 15 and November 15, an email will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent fifteen (15) days from the warning notification if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and all of its certified products will be de-certified and will not appear in the CPD.

G.15 (Deleted 10/2/2014)

G.16

The nominal thickness designations in SGCC® authorized permanent labels for **tempered** safety glazing materials may be shown in metric units. The thickness will be expressed in millimeters, limited to one decimal place, and will have the suffix "mm." (Revised 9/13/2023)

G.17 (Deleted 7/1/2016)

G.18

Certified and permanently labeled safety glazing materials such as laminated 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 10/25/2001) 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 10/20/1989)

G.20 (Deleted 4/26/2007)

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 *New Licensee Application & Pre-Issued Number Form (SD-06)* (application). The application must be completed for any new safety glazing product(s) (prototype) the fabricator submits for testing. If the fabricator requests pre-issued certification number(s) and does so with the understanding that these numbers (SGCC Mark/label) will not be applied to any product(s) until authorization to do so by SGCC®. The fabricator will not be authorized to use the number(s) until testing, final approval and formal certification is complete. (Revised 7/1/2016)

G.22

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

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

In the case where a routine evaluation sample covered under a blanket certification fails to comply with the specifications, the situation requires that the particular product be submitted for the retest (RT) sample required by Guideline G.11. (Revised 7/1/2016)

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. Consequently, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period by applying for inactive (IN) status. This shall be done as follows:

- a) Prior to or within two (2) weeks after the shutdown, the licensee shall inform the SGCC® Administrator in writing.
- b) The SGCC® Administrator will immediately supply the licensee with test release bond forms (SD-23) for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within two (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 be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)
- e) Within one (1) week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator in writing, and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G.24

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

G.25 (Deleted 7/1/2016)

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 ANSI / CPSC (Composite) OR Composite plus CAN/CGSB 12.1 (COMP+CAN). The licensee shall be issued only one SGCC® number for composite certification for each product. The licensee will submit four (4) samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 (for all specimens that are not symmetrical from surface to surface an equal number of specimens shall be 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 the standards. (Revised 7/1/2016)

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, b and c of G.11 shall be followed. (Revised 10/2/2014)

G.29

For the purposes of certification, the thickness requirements of Standard ASTM C1036, CEN or other nationally or internationally recognized thickness specifications shall apply. In all cases label information must be accurate for the nominal thickness of the applicable Standard. An indicator shall be used to identify Standards other than ASTM C1036 (e.g., EN for European Norm). If no indicator is used, the product will be assumed to comply with ASTM C1036. (Revised 10/15/2008) (See *Certified Products Key*)

G.30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (Deleted 7/1/2016)

G.33

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

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

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

G.34

Samples of any shape or shape altering process such as notches or holes shall be covered by the certification of the base rectangular product. Certification to "U" unlimited size may be any size. Certification to "L" limited size requires that the shape must fit within the outline of the largest certified size. (Added 4/26/2007)

G.35

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made/fabricated. An SGCC Licensee shall notify SGCC prior to a plant's physical relocation. Relocation requires certification as a new plant and will require new SGCC numbers and testing at the new plant prior to granting of the new certification. Consistent with the SGCC License agreement and procedural guide, fabrication and labeling must occur at the same facility. (Added 10/10/2019)

**CERTIFICATION OF TEMPERED COATED GLASS (Added 9/29/2021)**

In order to SGCC certify tempered glass with a metalized coating (MC) that is applied to annealed glass prior to tempering (reflective, Low E, other), test results for the MC glass must be initially provided to SGCC. MC testing must then occur at least annually thereafter to maintain the MC designation for a particular thickness of product. Testing of MC product will satisfy SGCC regular testing requirements (likely one MC test and one non-MC test annually). Certification of an MC product shall cover coated and non-coated product of a given thickness. See Guideline T.3 for further clarification.

Testing shall be with a sputter coating (soft coat) or a pyrolytic (hard coat), at the discretion of the SGCC Licensee. Testing of any coated product shall cover all coated product. During regular twice per year

inspections SGCC shall document the generic class of coating to submit (Sputter or Pyrolytic). The plant shall ship product with the coating identified (as a minimum 'Soft Coat' or 'Hard Coat') (likely by paper label), and the testing laboratory shall measure/validate the coating with the use of a coated glass meter (List of acceptable meters available in the SGCC Laboratory Manual). The presence of a coating shall be included in the SGCC test report.

Listings (certifications) for Tempered coated glass shall begin with the July 1<sup>st</sup>, 2022 certification cycle (L22).

## 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.) (Revised 7/1/2016)

### 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 non-coated tempered glass will also cover the items below, of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate.

- Tinted
- Non-metalized surface coating (such as ceramic material applied as a continuous or partial coating to one or more surfaces)
- Post tempered metalized coating

A "substantial alteration" is one that would render the tempered glass in non-conformance with the applicable safety glazing standards. For SGCC certified tempered glass with a metalized coating (MC), as defined in section Certification of Tempered Coated Glass, the metalized coated product must be tested initially and then at least annually thereafter. An SGCC "MC" designation per nominal thickness will be authorized for product in compliance. Products with the MC designation shall cover coated or non-coated product. See section **Certification of Tempered Coated Glass** of the procedural guide. (Revised 9/29/2021)

### 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 (6) weeks.

### T.5

Certification of any nominal thickness of tempered safety float or sheet glass will also cover the other types. ANSI Z97.1, 16 CFR 1201 and CAN/CGSB 12.1 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. (Revised 10/10/2012)

### T.6

Bent Glass shall be certified separately from flat glass. Bent glass test methods shall be the same as for flat sample testing except as referenced in the text and figures of the ANSI Z97.1 standard. Interpretation of results shall be the same. (Revised 10/21/2005)

### T.7

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

successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, grooving, and acid etching as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product.) (Revised 10/01/2002)

## 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 or other nationally or internationally recognized thickness standards and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036 or other nationally or internationally recognized thickness standards. (Revised 7/1/2016)

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

<u>Patterned Depth Class</u>	<b>Ratio</b>
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. (See *Classified Tempered Glass Patterns Key* table in this directory).

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 (1) specimen must be weighed and the weight of ten (10) square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4 (Deleted 10/5/2004)

### 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

Per minute of the October 4-5, 2022 SGCC Certification Committee Meeting, [New](#) Laminated Certification Guidelines were approved. SGCC presented an updated summary of these changes at the September 2023 SGCC Certification Committee meeting, where they were approved with an implementation schedule starting the second half of 2024 (July 1, 2024). Please see the following memos for additional information: [2023.8.28 SGCC Announcement of Upcoming Changes to Laminated Certification](#) and [2023.10.30 SGCC Changes following the September 2023 Certification Committee Meeting](#).

As of July 1, 2024 **ALL** Laminated guidelines formerly included in the SGCC Procedural Guide have been moved to the [Guidance for the SGCC Certification of laminated Glass](#) (found on the SGCC website). Therefore L.1 – L.11 have been “Removed”.

- L.1 (Moved to SGCC Guidance document 7/1/2024)
- L.2 (Deleted 12/7/2018)
- L.3 (Deleted 4/2/2008)
- L.4 (Deleted 12/7/2018)
- L.5 (Moved to SGCC Guidance document 7/1/2024)
- L.6 (Moved to SGCC Guidance document 7/1/2024)
- L.7 (Moved to SGCC Guidance document 7/1/2024)
- L.8 (Moved to SGCC Guidance document 7/1/2024)
- L.9 (Deleted 12/7/2018)
- L.10 (Moved to SGCC Guidance document 7/1/2024)
- L.11 (Moved to SGCC Guidance document 7/1/2024)

### **WIRED GLASS (ANSI ONLY)**

- W.1 (Deleted 11/4/2015)

### **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 inches 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-D4802-16, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-16 Table 2 plus or minus five percent.
- Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.
- Indoor use plastic materials plus or minus five percent of nominal thickness.

#### P.4

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

#### P.5

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

### **PLASTICS - EXTERIOR USE (ANSI Only)**

#### PE.1 (ANSI ONLY)

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

PE.2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1 weathering tests (section 5.4) 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 5.4.1 of ANSI Z97.1 (UV Weathering) but must comply with paragraph 5.4.3.

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 (Deleted 4/26/2007)

LG.2 (Deleted 4/26/2007)

LG.3 (Deleted 4/26/2007)

**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 CPSC 16 CFR 1201.4 and/or ANSI Z97.1-2015, four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/1993).

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.

AG.3 (ANSI ONLY)

Prototype tests 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.



AG.4

For certification to ANSI Z97.1, weathering tests on organic coated glasses shall be performed on the thinnest construction of all components in clear glass with clear plastics. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. organic coating manufacturer.

**VACUUM INSULATING GLASS (VIG)**

See 2017.10.31 "VIG ANSI Interpretation and Information" memo on [www.sgcc.org](http://www.sgcc.org) (<https://www.sgcc.org/memos>) or contact the SGCC office. VIG Tempered and Laminated are certified to the following types: VIG Tempered (VIGT), VIG Laminated (VIGL) or VIG Tempered Laminated (VITL) are each tested and certified separately. One will not certify the other.


**CHEMICALLY STRENGTHENED SAFETY GLASS (CSSG)**

See most recent "ASC Z97 Technical Interpretation (TI-2018.1017.001)" at [www.sgcc.org](http://www.sgcc.org) or contact the SGCC office.

## SGCC® ADVERTISING GUIDELINES

The following concepts are important to remember if you are a participant or licensee in the SGCC Certification Program or a distributor of safety glazing materials. This discussion is intended to provide you with an accurate background description of the SGCC Certification Program to help you avoid making possibly misleading, deceptive, or ambiguous statements regarding the program in the advertising of your products.

1) SGCC is a non-profit organization that maintains a third-party certification program which provides for the certification of safety glazing materials found to be in compliance with either ANSI Z97.1-2015 (R2020) or 16 CFR 1201 or both, or both plus CAN/CGSB 12.1. Products are not certified by SGCC unless and until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance and the license contract requirements are met. (Revised 10/10/2012)

2) Once certified by SGCC, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC independently selects, at least twice in each year, samples from the manufacturer or from the marketplace 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 its listing in the SGCC's Certified Products Directory. The use of the prominent etching of the SGCC stylized logo () may misleadingly making it appear as if SGCC is the source of the glazing material and therefore is not permitted as part of the SGCC certification label.

3) To maintain certification, SGCC also requires licensees to have a working Quality Assurance program for the fabrication of safety glazing materials. Compliance to QA requirements is validated at the first SGCC plant inspection after products are certified, and adherence is verified thereafter at each twice per year plant visit.

4) To buyers, specifiers, code officials, and users, the SGCC certification label offers the licensee assurance that its safety glazing material has been produced in conformance to ANSI Z97.1-2015 (R2020), 16 CFR 1201 and/or CAN/CGSB 12.1. (Revised 10/10/2012)

5) The SGCC Administrator audits laboratories and checks their equipment, audits licensees' production and fabrication of specimens, and validates test reports and certification claims. The Administrator periodically checks and reports on compliance of the products having the SGCC certification label with the applicable specification(s).

6) SGCC-approved laboratories test specimens to specific test methods and specifications referenced by SGCC.

7) SGCC does not have "members" insofar as the term "members" connotes that some detailed criteria must be met in order to participate in the organization. Under the SGCC by-laws, any person or organization (other than a glazing manufacturer) that has a legitimate interest in the purposes of SGCC may become a participant. Manufacturers, on the other hand, become participants by virtue of executing a License Agreement with SGCC. Any manufacturer of safety glazing may voluntarily enter into a License Agreement with SGCC, provided that they intend to certify at least one product under the SGCC Certification Program. Thus, the proper term to use for a manufacturer is "participant" or "Licensee."

8) The following are examples of possible advertising language that licensees might wish to use:

- a) Our company is a licensee of the Safety Glazing Certification Council (SGCC).
- b) We submit our tempered/laminated glass products for certification through the SGCC program.
- c) Our tempered/laminated glass products that are certified by SGCC as meeting the SGCC certification program are listed in the SGCC's Certified Products Directory.
- d) Our tempered/laminated glass products that are certified by SGCC are indicated by the SGCC logo and certification number permanently marked on our products. (Added 10/26/2010)

9) \*\*ANAB Disclaimer

Although the SGCC Program is ANAB-accredited and uses the ANAB accreditation symbol on its publicity material the SGCC-certified Licensee cannot use the ANAB trademark nor the ANAB accreditation symbol, this includes its products, packaging, stationary, letterhead, or any other form of media.

**SGCC® LABEL REQUIREMENTS** (Revised 7/1/2024)

**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, and unless a specific standard (ANSI, CPSC, CAN/CGSB) is included in the label, the product is not certified to that standard. (Revised 10/10/2012))

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2015 and/or 16 CFR 1201 and/or CAN/CGSB 12.1 (and category), the nominal thickness (**tempered only**), (see SGCC® Guideline G.29 for international thickness standards), the letter U or L indicating certified size and the ANSI impact class (A or B). (Revised 7/1/2016)

SGCC® participant, for laminated glass, are no longer required to include the thickness on the label. (Revised 7/1/2024)

These requirements are minimum requirements for SGCC® Certification. It is the licensee's responsibility to determine if other jurisdictions, standards, and codes have additional requirements such as type of glass. (Revised 10/17/2007)

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 laminated products used in "Indoor Use Only" applications where no weathering data is on file with SGCC, the permanent label must include "Indoor Use Only." The SGCC® number can be used to identify both the "supplier" and "place of fabrication". Refer to SGCC® Guideline G.5 (Revised 10/21/2005)

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 10/25/2001)

**EXAMPLES OF LABELS CERTIFIED TO ALL THREE STANDARDS**

<u>In inches</u>	<u>In mm</u>	<u>Laminated example</u>
ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)
16 CFR 1201 II	16 CFR 1201 II	16 CFR 1201 II
ANSI Z97.1-2015	ANSI Z97.1-2015	ANSI Z97.1-2015
CAN/CGSB 12.1-2022	CAN/CGSB 12.1-2022	CAN/CGSB 12.1-2022
1/4 U A SGCC 9999	6mm U A SGCC 9999	U A SGCC 9999

**SGCC should precede the number within the permanent label.**

**Labeling of Cut Sheet Safety Glazing** (refer to Guideline G.18) (Added 10/25/2001)

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 Z97.1-2015  
16 CFR 1201 CII  
SGCC 9999 U A

**Authorized Distributor or Installer**

Company XYZ (optional)  
Laminated Glass (optional)  
ANSI Z97.1-2015  
16 CFR 1201 CII  
C/F SGCC 9999 U A

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 LABEL**

"After having successfully passed the appropriate tests in this standard, like products and materials produced in the same manner as specimens submitted per test shall be legibly and permanently marked with a label."

### **Label Content.**

The label shall contain the following information:

- 1) Supplier's name, distinctive mark or designation.
- 2) The words "American National Standard Z97.1-2015" or the characters "ANSI Z97.1-2015."
- 3) Classification of test size (L or U) and drop height class (A, B). Plastic glazing does not require drop height.
- 4) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE: Additional details and information, such as thickness and date of manufacture, are permitted. Quoted from ANSI Z97.1. (Revised 1/1/2011)

### **Organic-Coated Glass Only.**

"Organic-coated glass materials shall be legibly and permanently marked with the words "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. (Revised 10/21/2005)

## **CPSC ONLY LABEL**

"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" (inches) high: 'SEE PERMANENT LABEL FOR IMPORTANT MOUNTING INSTRUCTIONS.' The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation." Quoted from 16 CFR 1201.

## **CPSC ACT LABELING REQUIREMENTS**

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

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

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

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

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

*Certified Products-Numerical Sequence-Laminated*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7907	ProTemp Glass, Inc.	9340	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	9397	W-M Glass sp. zo.o.
9165	Coastal Curved Glass	9341	Zhongli Glass Co., Ltd	9398	Tianjin SYP Engineering Glass Co., Ltd.
9187	Selective Shower Glass Designs Inc.	9342	Zhaoqing CSG Energy Conservation Glass Co., Ltd	9399	Tianjin SYP Engineering Glass Co., Ltd.
9188	Selective Shower Glass Designs Inc.	9343	Zhangjiagang City Daming Glass Product Co., Ltd	9400	WHTB Glass, LLC
9209	Guangdong Xeyoung Glass Technology Co., Ltd	9344	Yildiz Cam San. Tic. A.S.	9401	WHTB Glass, LLC
9223	YinJian DongGuan Glass Engineering Co., Ltd.	9345	Yildiz Cam San. Tic. A.S.	9403	W.C.P., Inc dba West Coast Insulated Glass Products
9224	YinJian DongGuan Glass Engineering Co., Ltd.	9346	Yakut Cam A.S	9404	Shanghai SYP Engineering Glass
9230	Midwest Glass Fabricators	9347	Arino Duglass	9405	W.C.P., Inc dba West Coast Insulated Glass Products
9231	Midwest Glass Fabricators	9348	Arino Duglass	9406	Shanghai SYP Engineering Glass
9239	Guang Dong Kibing Energy Saving Glass Co., LTD	9349	Produits Verrier International Inc.	9407	Vidplex Universal S.A.S
9245	Al Cam Sanayi ve Ticaret Limited Sirketi	9350	ProTemp Glass, Inc.	9408	Jiangmen SYP Engineering Glass Co, Ltd.
9250	Shandong Blue Glass Technology Co., Ltd.	9351	Przedsiębiorstwo Prywatne Rezal	9409	Jiangmen SYP Engineering Glass Co, Ltd.
9305	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9352	Przedsiębiorstwo Prywatne Rezal	9410	Carey Glass UC
9308	Aldora Aluminum and Glass Products, Inc.	9353	Pulp Studio, Inc.	9411	Onyx Solar Energy, S.L.
9309	Aldora Aluminum and Glass Products, Inc.	9354	Xinyi Group (Glass) Co., Ltd.	9412	Onyx Solar Energy, S.L.
9310	Aldora Aluminum and Glass Products Inc.	9355	Zibo YuRu Glass Factory	9413	Onyx Solar Energy, S.L.
9311	AntCam Cam Pazarlama San. Ve Tic. A.S.	9356	Qingdao Pioneer Glass Co.,Ltd.	9414	Pingdingshan Youbo Glass Technology Co., Ltd.
9312	AntCam Cam Pazarlama San. Ve Tic. A.S.	9357	Qinhuangdao Rongsheng Glass Processing Co., Ltd.	9415	Carey Glass UC
9313	Aldora Aluminum and Glass Products, Inc.	9358	Xinyi Glass (Tianjin) Co. Ltd.	9416	Press Glass, Inc.
9314	Aldora Aluminum and Glass Products, Inc.	9359	Ready Glass & Mirror, Inc.	9417	Press Glass, Inc.
9315	Shanghai HJ Safety Glass Co., Ltd	9360	Reem Emirates Aluminum & Glass	9418	Rider Glass Company Limited
9316	Al Abbar Architectural Glass	9361	Xianning CSG Energy Conservation Glass Co., LTD.	9420	AGNORA LTD
9317	Al Andalus Glass Factory Co.	9362	Rider Glass Company Limited	9421	Erdem Dis Ticaret A.S.
9318	Aluminum Manufacturers Co. Ltd - ALUMATEC	9363	Prelco Inc.	9422	FG Glass Industries Pvt Ltd.
9319	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	9364	Prelco Inc.	9423	FG Glass Industries Pvt Ltd.
9320	Trulite Glass and Aluminum Solutions	9365	Rizhao Huaye Glass Co., Ltd.	9429	PRESS GLASS SP ZOO
9321	Trulite Glass and Aluminum Solutions	9366	Xinyi Glass (Yingkou) Co., Ltd.	9430	PRESS GLASS SP ZOO
9322	Trulite Glass and Aluminum Solutions	9367	Xinyi Glass (Yingkou) Co., Ltd.	9431	PRESS GLASS SP ZOO
9323	ATI Windows	9369	Safti First	9432	PRESS GLASS SP ZOO
9324	ATI Windows	9370	Safti First	9433	Cardinal LG Northeast
9325	AdvanTec	9371	Safti First	9434	Cardinal LG Northeast
9326	Beijing NorthTech Haiyangshunda Glass Ltd.	9372	SAGE Electrochromics Inc.	9436	Comercial Dialum SA
9327	Beijing NorthTech Haiyangshunda Glass Ltd.	9373	SAGE Electrochromics Inc.	9437	Comercial Dialum SA
9328	Beijing Wuhuatanbao Glass Co., Ltd.	9374	Saint Gobain Mexico, S.A. de C.V.	9438	Consolidated Glass Corp.
9329	Beijing Wuhuatanbao Glass Co., Ltd.	9375	Soluciones Vitro Plano S.A. de C.V.	9439	Procesadora de Jalisco, S.A. DE C.V.
9333	Control Glass, A&S, S.L.	9376	Soluciones Vitro Plano S.A. de C.V.	9440	Procesadora de Jalisco, S.A. DE C.V.
9334	Control Glass, A&S, S.L.	9377	Saudi American Glass Company	9441	D3 Glass, LLC
9335	Classy Glass Specialties Technology Co., Ltd	9379	Sichuan CSG Energy Conservation Glass Co., Ltd.	9442	D3 Glass, LLC
9336	Changshu ZhongXin Building Materials Co., Ltd.	9380	Dillmeier Enterprise, Inc.	9443	JYC Glass Co. Ltd.
9337	Curved Glass Creations, LLC	9381	Sisecam Flat Glass Italy S.r.l.	9446	Fairis C.A.
9338	Chongqing SYP Engineering Glass Co., Ltd.	9382	Wujiang CSG Huadong Architectural Glass Co., LTD	9447	Denver Glass Interiors, Inc.
9339	Chongqing SYP Engineering Glass Co., Ltd.	9383	S.F. Tempering	9448	Denver Glass Interiors, Inc.
		9384	Press Glass Inc.	9449	Flat Glass Group Co., Ltd.
		9385	Wutkowski Sp. Zo.o.	9450	Foshan Nanhai Ruixin Glass Co., LTD.
		9386	Press Glass Inc.	9451	Captivision Korea, Inc.
		9388	PGT Industries	9452	GlassecViracon
		9389	PGT Industries	9453	GlassecViracon
		9390	Precision Glass Bending Corporation	9454	Glasstech Industries B.S.C.
		9391	Precision Glass Bending Corporation	9455	GnT Glass Co., Ltd.
		9392	Oldcastle BuildingEnvelope®	9456	GnT Glass Co., Ltd.
		9393	Oldcastle BuildingEnvelope®	9457	KAMRI Investments Limited
		9394	Dillmeier Enterprise, Inc.	9458	Guangdong Haikong Special Glass Technology Co., Ltd.
		9395	Dillmeier Enterprise, Inc.		

*Certified Products-Numerical Sequence-Laminated*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9459	Guangdong Haikong Special Glass Technology Co., Ltd.	9514	Glass and Mirror Craft	9573	Resman Glass PVC Aluminum SAN. VE TIC. A.S.
9460	Guangdong South Star Glass Limited	9515	Glass and Mirror Craft	9574	Tengzhou Fenghua Glass Co., LTD
9461	Gulf Glass Industries, LLC	9516	Oldcastle BuildingEnvelope®	9575	Technical Glass Company
9462	Isam M. Khairi Kabbani Glass Works LLC	9517	Oldcastle BuildingEnvelope®	9576	Tacoma Glass Mfg. Inc.
9463	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	9520	Oldcastle BuildingEnvelope®	9577	TG Taicang Architectural Glass Co. Ltd
9464	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	9521	Oldcastle BuildingEnvelope®	9578	Thermo BSL
9465	Diamond Glass	9522	Novavetro S.r.l.	9579	Multiver Ltee
9466	Diamond Glass	9523	Novavetro S.r.l.	9580	Multiver Ltee
9467	Vidrio Duro de Mexico S.A. de C.V.	9524	Oldcastle BuildingEnvelope®	9581	Tianjin CSG Energy Conservation Glass Co., Ltd
9468	Vidrio Duro de Mexico S.A. de C.V.	9525	Oldcastle BuildingEnvelope®	9582	Tianjin Northglass Industrial Technical Co., Ltd
9469	Isoclima Specialty Glass, LLC	9526	Oldcastle BuildingEnvelope®	9583	Tianjin Northglass Industrial Technical Co., Ltd
9470	Isoclima Specialty Glass, LLC	9527	Oldcastle BuildingEnvelope®	9584	Thompson I.G. LLC.
9471	McGrory Glass	9528	Dillmeier Enterprise, Inc.	9585	Thompson I.G. LLC.
9472	Dongguan CSG Architectural Glass Co., Ltd.	9529	Galaxy Glass & Stone	9586	TG Qingdao Glass Co., Ltd.
9473	Nashville Tempered Glass LLC	9530	Galaxy Glass & Stone	9587	Tristar Glass, Inc.
9474	Nashville Tempered Glass LLC	9531	Oldcastle BuildingEnvelope®	9588	Trulite Glass and Aluminum Solutions
9475 IN	Nashville Tempered Glass LLC	9532	Oldcastle BuildingEnvelope®	9589	Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam Bursa FabrikaSubesi TG Tianjin Glass Co., Ltd.
9476	Haojing Holdings Group Limited	9533	Oldcastle BuildingEnvelope®	9590	Uniglass
9477	Haojing Holdings Group Limited	9535	Oldcastle BuildingEnvelope®	9591	Unitex Glass Chengdu Co., Ltd
9478	Haojing Holdings Group Limited	9536	Oldcastle BuildingEnvelope®	9592	United Plate Glass Co., Inc.
9479	Northwestern Industries - Arizona, Inc.	9537	Oldcastle BuildingEnvelope®	9593	U.S. Glass Distributors Inc.
9480	Northwestern Industries - Arizona, Inc.	9538	Oldcastle BuildingEnvelope®	9594	Vetrodomus SpA
9481	SAAND Rexdale	9539	Oldcastle BuildingEnvelope®	9595	Viewrail
9482	SIGCO, Inc.	9540	Oldcastle BuildingEnvelope®	9596	Vetriko S.A.
9483	M Industria S.A. DE C.V.	9541	Oldcastle BuildingEnvelope®	9597	Vetriko S.A.
9484	M Industria S.A. DE C.V.	9542	GLASPRO	9598	Vetriko S.A.
9485	SIGCO, Inc.	9543	Glass Laminate Solutions	9599	KRYSTALLA VASILIOU SA (VASGLASS)
9486	Shanghai Jiajie Glass Co., Ltd.	9544	GlassFab Tempering Services, Inc. Linne Road	9600	KRYSTALLA VASILIOU SA (VASGLASS)
9487	Express Impact Manufacturing	9545	GlassFab Tempering Services, Inc. Linne Road	9601	KRYSTALLA VASILIOU SA (VASGLASS)
9488	Shanghai Jiajie Glass Co., Ltd.	9546	Oldcastle BuildingEnvelope® Canada Inc.	9603	KRYSTALLA VASILIOU SA (VASGLASS)
9489	Excel Glass Systems	9547	Oldcastle BuildingEnvelope® Canada Inc.	9604	Guardian Fabrication - Hialeah Gardens
9490	Dost Cam Sanayi ve Ticaret A.S.	9548	Glasswerks GWLA- East	9605	Guardian Fabrication - Hialeah Gardens
9491	View Inc.	9549	Glasswerks GWLA- East	9607	Kensington Glass Arts
9492	Dost Cam Sanayi ve Ticaret A.S.	9550	Global Security Glazing	9608	Kensington Glass Arts
9493	View Inc.	9551	Global Security Glazing	9609	Thermo BSL
9494	Shandong Taishan Huayue Glass Co., Ltd.	9552	Syracuse Glass Company, LLC	9610	Cardinal LG
9496	ITI Glass Company	9553	Syracuse Glass Company, LLC	9611	Laurier Architectural
9497	Shenzhen Sun Global Glass Co., Limited	9554	Guardian Fabrication, LLC	9612	Cardinal LG
9498	ITI Glass Company	9555	Dolphin Glass Specialists, LLC	9613	Cardinal LG
9499	Stargrup Cam A.S.	9556	Vandaglas Eckelt GmbH	9614	LTI Smart Glass, Inc.
9500	Stargrup Cam A.S.	9557	Vandaglas Eckelt GmbH	9615	Vetzeria F. Illi Paci S.R.L.
9501	Downey Glass	9558	ECO Glass Production	9616	J.C. Moag Corporation
9502	Sunfire Glass, Inc.	9559	Garibaldi Glass Ind. Inc.	9617	J.C. Moag Corporation
9504	Sunfire Glass, Inc.	9560	Garibaldi Glass Ind. Inc.	9618	Viracon Inc.
9505	Shandong Yaohua Glass Co., Ltd.	9561	ECO Glass Production	9619	Viracon Inc.
9506	Shandong Yaohua Glass Co., Ltd.	9562	ECO Glass Production	9620	VA Glass, LLC.
9507	Tecnoglass S.A.S.	9563	Imagic Glass Inc.	9621	VA Glass, LLC.
9508	Cardinal LG	9564	Imagic Glass Inc.	9622	Cardinal LG
9509	Cardinal LG	9565	Imagic Glass Inc.	9623	Cardinal LG
9510	Tecnovidrio S.A. de C.V.	9566	Oldcastle BuildingEnvelope®	9624	Vistamatic, LLC
9511	Tecnovidrio S.A. de C.V.	9567	Insulite Glass Co., Inc.	9625	Vistamatic, LLC
9512	Templados Del Centro SA DE C.V.	9568	Integral Seal Mfg. Inc.		
9513	Templados Del Centro SA DE C.V.	9569	ITI Glass Company		
		9570	Extrusiones de Aluminio, S.A.		
		9571	Extrusiones de Aluminio, S.A.		
		9572	3 Form		

*Certified Products-Numerical Sequence-Laminated*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>
9626	Vitelsa Mosquera	9751	Agsitech Advanced Materials Corporation Limited	
9627	Vitelsa Mosquera			
9628	Trulite Glass and Aluminum Solutions	9756	Crystal Glass International SDN BHD	
9629	Trulite Glass and Aluminum Solutions	9766	Qingdao Jinjing Co., Ltd.	
9630	Vitrum Industries Ltd.	9775	Syracuse Glass Company, LLC	
9631	Vitrum Industries Ltd.	9785	Transparent Design S.R.L.	
9632	Trulite Glass and Aluminum Solutions	9799	Etalum	
9633	Trulite Glass and Aluminum Solutions	9800	Etalum	
9634	Trulite Glass and Aluminum Solutions	9817	Basco - Grand Haven	
9635	Trulite Glass and Aluminum Solutions	9820	3 Form	
9636	Vitrum Industries Ltd. (Calgary)	9821	3 Form	
9637	Vitrum Industries Ltd. (Calgary)	9822	3 Form	
9638	Viwinco, Inc.	9823	Brick Glass	
9639	Viwinco, Inc.	9824	Brick Glass	
9640	La Tecnica Nel Vetro SpA	9828	G.E. Silliker & Sons Ltd.	
9641	La Tecnica Nel Vetro SpA	9829	G.E. Silliker & Sons Ltd.	
9642	Illumimex S.A. DE C.V.	9837	ML System SA	
9643	Glassbel Baltic	9846	Shandong Jinjing Science & Technology Stock Co., Ltd.	
9644	Glassbel Baltic			
9645	Advanced Impact Technologies	9847	Shandong Jinjing Science & Technology Stock Co., Ltd.	
9646	Trulite Glass and Aluminum Solutions	9866	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.	
9647	Trulite Glass and Aluminum Solutions			
9648	Oldcastle BuildingEnvelope®	9894	Smart Glass Group LLC	
9649	Oldcastle BuildingEnvelope®	9940	Elivate Mexico Supply S. de R.L. de C.V.	
9652	Trulite Glass and Aluminum Solutions			
9653	Trulite Glass and Aluminum Solutions	9941	Elivate Mexico Supply S. de R.L. de C.V.	
9654	Trulite Glass and Aluminum Solutions			
9655	Trulite Glass and Aluminum Solutions			
9657	Ardic Cam Sanayi A.S.			
9658	Air Master (Valmeg, LLC)			
9659	Air Master (Valmeg, LLC)			
9660	3 Form			
9661	3 Form			
9663	Trulite Glass and Aluminum Solutions			
9664	Trulite Glass and Aluminum Solutions			
9665	Limca Dekoratif Cam Anya San Tic ve AS			
9666	Limca Dekoratif Cam Anya San Tic ve AS			
9669	Accurate Glass Products			
9680	Guangdong Honghua Glass Technology Co., LTD.			
9681	Shandong Wensheng Glass Technology Co., Ltd.			
9684	White Aluminum Enterprises LLC			
9685	White Aluminum Enterprises LLC			
9692 IN	New Angle Beveling			
9695	Glenny Glass Co.			
9702	A3 Glass Fabricator LLC			
9706	United Plate Glass Co., Inc.			
9716	Gin Jye Ming Glass Co., Ltd.			
9721	Insulite Glass Co., Inc.			
9724	Nashville Tempered Glass LLC			
9725 IN	Nashville Tempered Glass LLC			
9727	All Team Glass & Mirror, Ltd.			
9735	Qinhuangdao Entrylite Technology Co.,Ltd.			
9739	Qingdao Chinastar Glass CO., Ltd.			
9741	Nanjing Feitian Varo Glass Product Co., Ltd.			

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12 IN	VA Glass, LLC.	1680	Contour Industries, Inc.	2011	Cardinal CG
14	VA Glass, LLC.	1683	Guardian Glass, LLC	2012	Cardinal CG
89	Cardinal FG	1755	All Team Glass & Mirror, Ltd.	2013	Cardinal CG
93	VA Glass, LLC.	1756	All Team Glass & Mirror, Ltd.	2020	Guardian Glass, LLC
94	VA Glass, LLC.	1757	All Team Glass & Mirror, Ltd.	2021	Guardian Glass, LLC
95	VA Glass, LLC.	1758	All Team Glass & Mirror, Ltd.	2022	Guardian Glass, LLC
220	Cardinal FG	1785	Trulite Glass and Aluminum Solutions	2023	Guardian Glass, LLC
520	Anthony International	1786	Trulite Glass and Aluminum Solutions	2032	Cameron Glass, LLC.
598	Cardinal FG	1787	Trulite Glass and Aluminum Solutions	2033	Cameron Glass, LLC.
955	Cardinal FG	1788	Trulite Glass and Aluminum Solutions	2034	Prelco Inc.
968	Guardian Glass, LLC	1790	Trulite Glass and Aluminum Solutions	2035	Prelco Inc.
969	Guardian Glass, LLC	1827	Cardinal IG	2048	Prelco Inc.
970	Guardian Glass, LLC	1828	Cardinal IG	2050	Intigral
971	Guardian Glass, LLC	1829	Cardinal IG	2051	Intigral
999	Anthony International	1830	Cardinal IG	2052	Intigral
1000	Anthony International	1831	Cardinal IG	2062	Oldcastle BuildingEnvelope® Canada Inc.
1110	Vitro Flat Glass, LLC	1834	Cardinal IG	2067	Cardinal CG
1111	Vitro Flat Glass, LLC	1841	Cardinal IG	2068	Cardinal CG
1112	Vitro Flat Glass, LLC	1842	Cardinal IG	2069	Cardinal CG
1113	Vitro Flat Glass, LLC	1843	Cardinal IG	2070	Cardinal CG
1201	Gemtron Corporation	1844	Cardinal IG	2071	Cardinal CG
1248	Guardian Glass, LLC	1845	Cardinal IG	2133	Tecnoglass S.A.S.
1249	Guardian Glass, LLC	1865	Guardian Glass, LLC	2134	Tecnoglass S.A.S.
1250	Guardian Glass, LLC	1882	Guardian Glass, LLC	2135	Tecnoglass S.A.S.
1251	Guardian Glass, LLC	1901	EFCO Corporation	2143	EFCO Corporation
1301	Guardian Glass, LLC	1902	EFCO Corporation	2144	Coral Industries Glass Division
1303	Guardian Glass, LLC	1910	Coral Industries Glass Division	2145	Coral Industries Glass Division
1304	Guardian Glass, LLC	1911	Coral Industries Glass Division	2146	Cardinal CG
1332	Gemtron Corporation	1921	Cardinal CG	2176	Cardinal IG
1334	Gemtron Corporation	1922	Cardinal CG	2177	Cardinal IG
1403	Viracon Inc.	1923	Cardinal CG	2178	Cardinal IG
1404	Viracon Inc.	1924	Cardinal CG	2179	Cardinal IG
1416	Nashville Tempered Glass Corp.	1964	Coral Industries Glass Division	2182	VA Glass, LLC.
1417	Nashville Tempered Glass Corp.	1979	Kohler Company	2186	Glaz-Tech Industries, Inc.
1422	Gemtron Corporation	1980	Kohler Company	2189	Glaz-Tech Industries, Inc.
1424	Gemtron Corporation	1981	Kohler Company	2193	Glaz-Tech Industries, Inc.
1467	Nashville Tempered Glass Corp.	1982	Kohler Company	2203	Cardinal IG
1477	Gemtron Corporation	1983	Kohler Company	2204	Cardinal IG
1508	Viracon Inc.	1984	Kohler Company	2205	Cardinal IG
1509	Viracon Inc.	1985	Cardinal CG	2210	Oldcastle BuildingEnvelope®
1546	Oldcastle BuildingEnvelope®	1986	Cardinal CG	2211	Oldcastle BuildingEnvelope®
1547	Oldcastle BuildingEnvelope®	1987	Cardinal CG	2212	Oldcastle BuildingEnvelope®
1548	Oldcastle BuildingEnvelope®	1988	Cardinal CG	2213	Oldcastle BuildingEnvelope®
1549	Oldcastle BuildingEnvelope®	1993	Tecnoglass S.A.S.	2214	Oldcastle BuildingEnvelope®
1550	Oldcastle BuildingEnvelope®	1994	Tecnoglass S.A.S.	2215	Oldcastle BuildingEnvelope®
1555	Swift Glass Co., Inc.	1995	Tecnoglass S.A.S.	2216	Oldcastle BuildingEnvelope®
1556	Swift Glass Co., Inc.	1997	Oldcastle BuildingEnvelope® Canada Inc.	2226	GGI Glass Distributors Corp.
1557	Swift Glass Co., Inc.	1998	Consolidated Glass Corp.	2227	GGI Glass Distributors Corp.
1558	Swift Glass Co., Inc.	1999	Consolidated Glass Corp.	2228	GGI Glass Distributors Corp.
1559	Swift Glass Co., Inc.	2002	Consolidated Glass Corp.	2231	Cardinal IG
1630	Guardian Glass, LLC	2003	Consolidated Glass Corp.	2232	Cardinal IG
1631	Guardian Glass, LLC	2004	Consolidated Glass Corp.	2233	Cardinal IG
1632	Guardian Glass, LLC	2004	Consolidated Glass Corp.	2234	Cardinal IG
1633	Guardian Glass, LLC	2005	Consolidated Glass Corp.	2235	Cardinal IG
1634	Guardian Glass, LLC	2007	Cardinal CG	2259	Guardian Glass, LLC
1635	Guardian Glass, LLC	2008	Cardinal CG	2260	Guardian Glass, LLC
1677	Contour Industries, Inc.	2009	Cardinal CG	2261	Guardian Glass, LLC
1678	Contour Industries, Inc.	2010	Cardinal CG		



*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2262	Guardian Glass, LLC	2471	United Plate Glass Co., Inc.	2788	Trulite Glass and Aluminum Solutions
2282	GGI Glass Distributors Corp.	2481	SAAND Inc.	2789	Trulite Glass and Aluminum Solutions
2285	Cardinal IG	2482	SAAND Inc.	2790	All Team Glass & Mirror, Ltd.
2286	Cardinal IG	2484	SAAND Inc.	2831	Cardinal IG
2287	Tecnoglass S.A.S.	2494	Nashville Tempered Glass Corp.	2833	Cardinal IG
2289	Anthony International	2497	Nashville Tempered Glass Corp.	2834	Cardinal IG
2293	Cardinal CT	2498	Multiver	2840	Trulite Glass and Aluminum Solutions
2294	Cardinal CT	2499	Multiver	2842	Cardinal CT
2295	Cardinal CT	2501	Cameron Glass, LLC.	2850	Vandaglas Eckelt GmbH
2296	Cardinal CT	2519	Guardian Glass, LLC	2851	Vandaglas Eckelt GmbH
2306	Anthony International	2543	Oldcastle BuildingEnvelope® Canada Inc.	2852	Vandaglas Eckelt GmbH
2307	Anthony International			2853	Vandaglas Eckelt GmbH
2310	Cardinal LG	2544	Oldcastle BuildingEnvelope® Canada Inc.	2854 IN	Vandaglas Eckelt GmbH
2311	Cardinal LG	2545	Guardian Glass, LLC	2855 IN	Vandaglas Eckelt GmbH
2314	Cardinal LG	2547	Techni-Glass LLC	2857	Cardinal IG
2317	Cardinal IG	2548	Techni-Glass LLC	2858	Cardinal IG
2318	Cardinal IG	2549	Techni-Glass LLC	2859	Cardinal IG
2319	Cardinal IG	2550	Techni-Glass LLC	2878	Cardinal CT
2320	Cardinal IG	2569	Bendheim Wall Systems	2879	Cardinal CT
2321	Cardinal IG	2570	Bendheim Wall Systems	2880	Cardinal CT
2322	Cardinal IG	2578	Amsco Windows	2881	Cardinal CT
2323	Cardinal IG	2580	Amsco Windows	2884	Oldcastle BuildingEnvelope® Canada Inc.
2328	Cardinal IG	2581	Amsco Windows	2887	Simonton Windows
2329	Cardinal IG	2582	Amsco Windows	2888	Simonton Windows
2330	Cardinal IG	2584	Amsco Windows	2898	Valentini Glass & Components srl
2331	Cardinal IG	2589	Engineered Glass Products, L.L.C.	2909	Cardinal FG
2352	Anthony International	2629	Multiver	2910	Cardinal FG
2353	Anthony International	2654	Syracuse Glass Company, LLC	2911	Cardinal FG
2354	Consolidated Glass Corp.	2656	Syracuse Glass Company, LLC	2912	Cardinal FG
2355	Consolidated Glass Corp.	2657	Syracuse Glass Company, LLC	2918 IN	Kohler Company
2357	Cardinal CG	2661	Downey Glass	2919	Cardinal IG
2358	Cardinal CG	2662	Downey Glass	2920	Cardinal IG
2359	Cardinal CG	2663	Downey Glass	2921	Cardinal IG
2360	Cardinal CG	2664	Downey Glass	2922	Cardinal IG
2365	Tecnoglass S.A.S.	2665	Downey Glass	2923	Cardinal IG
2381	Prelco Inc.	2684	Paragon Tempered Glass	2924	Cardinal IG
2382	Guardian Glass, LLC	2685	Paragon Tempered Glass	2928 IN	GGI Glass Distributors Corp.
2389	PGT Industries	2686	Paragon Tempered Glass	2944	Coral Industries Glass Division
2390	PGT Industries	2687	Paragon Tempered Glass	2945	Coral Industries Glass Division
2391	PGT Industries	2691	Nashville Tempered Glass LLC	2954	Cardinal CG
2397	Cardinal IG	2692	Nashville Tempered Glass LLC	2956	Cardinal CG
2399	Cardinal IG	2693	Nashville Tempered Glass LLC	2957	Syracuse Glass Company, LLC
2423	Valentini Glass & Components srl	2694	Nashville Tempered Glass LLC	2958	Syracuse Glass Company, LLC
2432	Changshu ZhongXin Building Materials Co., Ltd.	2699	Cardinal CG	2961	SIGCO, Inc.
2434	Kohler Company	2700	Cardinal CG	2962	SIGCO, Inc.
2445	Goldray Industries Ltd.	2701	Cardinal CG	2963	SIGCO, Inc.
2446	Goldray Industries Ltd.	2702	Cardinal CG	2964	SIGCO, Inc.
2447	Goldray Industries Ltd.	2705	Cardinal CG	2965	SIGCO, Inc.
2448	Goldray Industries Ltd.	2713	Prelco Inc.	2966	SIGCO, Inc.
2449	Goldray Industries Ltd.	2729	Press Glass, Inc.	2968	Quaker Window Products, Inc.
2453	Anthony International	2730	Press Glass, Inc.	2969 IN	Quaker Window Products, Inc.
2455	Cameron Glass, LLC.	2731	Press Glass, Inc.	2970 IN	Quaker Window Products, Inc.
2458	Guardian Glass, LLC	2732	Press Glass, Inc.	2975	Techni-Glass LLC
2459	Guardian Glass, LLC	2733	Press Glass, Inc.	2985	Quaker Window Products, Inc.
2460	Guardian Glass, LLC	2734	Press Glass, Inc.	2986	Quaker Window Products, Inc.
2467	United Plate Glass Co., Inc.	2751	Prelco Inc.	3002	Guardian Glass, LLC
2468	United Plate Glass Co., Inc.	2787	Trulite Glass and Aluminum Solutions	3003	Guardian Glass, LLC

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3018	Isoclima Specialty Glass, LLC	3152	Oldcastle BuildingEnvelope®	3259	Oldcastle BuildingEnvelope®
3023	SAAND Inc.	3153	Oldcastle BuildingEnvelope®	3262	Oldcastle BuildingEnvelope®
3027	Anthony International	3154	Oldcastle BuildingEnvelope®	3263	Oldcastle BuildingEnvelope®
3028	SIGCO, Inc.	3155	Oldcastle BuildingEnvelope®	3264	Oldcastle BuildingEnvelope®
3053	Xinyi Group (Glass) Co., Ltd.	3167	Oldcastle BuildingEnvelope®	3265	Oldcastle BuildingEnvelope®
3054	Xinyi Group (Glass) Co., Ltd.	3168	Oldcastle BuildingEnvelope®	3266	Oldcastle BuildingEnvelope®
3055	Xinyi Group (Glass) Co., Ltd.	3169	Oldcastle BuildingEnvelope®	3267	Oldcastle BuildingEnvelope®
3060	Techni-Glass LLC	3170	Oldcastle BuildingEnvelope®	3268	Oldcastle BuildingEnvelope®
3061	Techni-Glass LLC	3171	Oldcastle BuildingEnvelope®	3269	Oldcastle BuildingEnvelope®
3062	Techni-Glass LLC	3172	Oldcastle BuildingEnvelope®	3270	Oldcastle BuildingEnvelope®
3067	Gemtron Canada Corporation	3173	Oldcastle BuildingEnvelope®	3271	Oldcastle BuildingEnvelope®
3068	Cardinal IG	3178	Oldcastle BuildingEnvelope®	3273	Oldcastle BuildingEnvelope®
3069	Cardinal IG	3180	Oldcastle BuildingEnvelope®	3274	Oldcastle BuildingEnvelope®
3070	Cardinal IG	3182	Oldcastle BuildingEnvelope®	3275	Oldcastle BuildingEnvelope®
3071	Cardinal IG	3183	Oldcastle BuildingEnvelope®	3276 IN	Oldcastle BuildingEnvelope®
3072	Cardinal IG	3184	Oldcastle BuildingEnvelope®	3277	Oldcastle BuildingEnvelope®
3074	Viwinco, Inc.	3185	Oldcastle BuildingEnvelope®	3278	Oldcastle BuildingEnvelope®
3085	Xinyi Group (Glass) Co., Ltd.	3186	Oldcastle BuildingEnvelope®	3279	Oldcastle BuildingEnvelope®
3086	Chicago Tempered Glass, Inc.	3188	Oldcastle BuildingEnvelope®	3280	Oldcastle BuildingEnvelope®
3087	Chicago Tempered Glass, Inc.	3189	Oldcastle BuildingEnvelope®	3281 IN	Oldcastle BuildingEnvelope®
3088	Chicago Tempered Glass, Inc.	3190 IN	Oldcastle BuildingEnvelope®	3285	Oldcastle BuildingEnvelope®
3089	Chicago Tempered Glass, Inc.	3191	Oldcastle BuildingEnvelope®	3286	Oldcastle BuildingEnvelope®
3090	Chicago Tempered Glass, Inc.	3192	Oldcastle BuildingEnvelope®	3287	Oldcastle BuildingEnvelope®
3104	Oldcastle BuildingEnvelope®	3193	Oldcastle BuildingEnvelope®	3288	Oldcastle BuildingEnvelope®
3105	Oldcastle BuildingEnvelope®	3194	Oldcastle BuildingEnvelope®	3289	Oldcastle BuildingEnvelope®
3106	Oldcastle BuildingEnvelope®	3195	Oldcastle BuildingEnvelope®	3290	Oldcastle BuildingEnvelope®
3107	Oldcastle BuildingEnvelope®	3196	Oldcastle BuildingEnvelope®	3291	Oldcastle BuildingEnvelope®
3108	Oldcastle BuildingEnvelope®	3197	Oldcastle BuildingEnvelope®	3292	Oldcastle BuildingEnvelope®
3109	Oldcastle BuildingEnvelope®	3199	Oldcastle BuildingEnvelope®	3293	Oldcastle BuildingEnvelope®
3110	Oldcastle BuildingEnvelope®	3201	Oldcastle BuildingEnvelope®	3294	Oldcastle BuildingEnvelope®
3111	Oldcastle BuildingEnvelope®	3203	Oldcastle BuildingEnvelope®	3295	Oldcastle BuildingEnvelope®
3115	Cardinal IG	3219	Oldcastle BuildingEnvelope®	3296	Oldcastle BuildingEnvelope®
3118	Oldcastle BuildingEnvelope®	3220	Oldcastle BuildingEnvelope®	3297	Oldcastle BuildingEnvelope®
3119	Oldcastle BuildingEnvelope®	3221	Oldcastle BuildingEnvelope®	3310	Oldcastle BuildingEnvelope®
3120	Oldcastle BuildingEnvelope®	3222	Oldcastle BuildingEnvelope®	3311	Oldcastle BuildingEnvelope®
3121	Oldcastle BuildingEnvelope®	3223 IN	Oldcastle BuildingEnvelope®	3312	Oldcastle BuildingEnvelope®
3124	Oldcastle BuildingEnvelope®	3224	Oldcastle BuildingEnvelope®	3313	Oldcastle BuildingEnvelope®
3125	Oldcastle BuildingEnvelope®	3225	Oldcastle BuildingEnvelope®	3314	Oldcastle BuildingEnvelope®
3127	Oldcastle BuildingEnvelope®	3226	Oldcastle BuildingEnvelope®	3315	Oldcastle BuildingEnvelope®
3128	Oldcastle BuildingEnvelope®	3228	Oldcastle BuildingEnvelope®	3317	Oldcastle BuildingEnvelope®
3130	Oldcastle BuildingEnvelope®	3229	Oldcastle BuildingEnvelope®	3318	Oldcastle BuildingEnvelope®
3131	Oldcastle BuildingEnvelope®	3230	Oldcastle BuildingEnvelope®	3319	Oldcastle BuildingEnvelope®
3132	Oldcastle BuildingEnvelope®	3233	Oldcastle BuildingEnvelope®	3321	Oldcastle BuildingEnvelope®
3133	Oldcastle BuildingEnvelope®	3234 IN	Oldcastle BuildingEnvelope®	3331	Oldcastle BuildingEnvelope®
3136	Oldcastle BuildingEnvelope®	3235	Oldcastle BuildingEnvelope®	3332	Oldcastle BuildingEnvelope®
3137	Oldcastle BuildingEnvelope®	3236	Oldcastle BuildingEnvelope®	3333	Oldcastle BuildingEnvelope®
3138	Oldcastle BuildingEnvelope®	3237	Oldcastle BuildingEnvelope®	3334	Oldcastle BuildingEnvelope®
3139	Oldcastle BuildingEnvelope®	3238	Oldcastle BuildingEnvelope®	3335	Oldcastle BuildingEnvelope®
3140	Oldcastle BuildingEnvelope®	3239	Oldcastle BuildingEnvelope®	3405	Viwinco, Inc.
3141	Oldcastle BuildingEnvelope®	3240	Oldcastle BuildingEnvelope®	3418	Industrial Tempering Glass
3142	Oldcastle BuildingEnvelope®	3243	Oldcastle BuildingEnvelope®	3419	Industrial Tempering Glass
3143	Oldcastle BuildingEnvelope®	3244	Oldcastle BuildingEnvelope®	3426 IN	Oldcastle BuildingEnvelope®
3144	Oldcastle BuildingEnvelope®	3249	Anthony International	3427	Oldcastle BuildingEnvelope®
3145	Oldcastle BuildingEnvelope®	3250	Oldcastle BuildingEnvelope®	3428	Oldcastle BuildingEnvelope®
3146	Oldcastle BuildingEnvelope®	3252	Oldcastle BuildingEnvelope®	3440	Oldcastle BuildingEnvelope®
3147	Oldcastle BuildingEnvelope®	3253	Oldcastle BuildingEnvelope®	3441	Oldcastle BuildingEnvelope®
3148	Oldcastle BuildingEnvelope®	3255	Oldcastle BuildingEnvelope®	3442	Oldcastle BuildingEnvelope®
3149	Oldcastle BuildingEnvelope®	3256	Oldcastle BuildingEnvelope®	3443	Oldcastle BuildingEnvelope®

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3444	Oldcastle BuildingEnvelope®	3631	Intigral	3865	Denver Glass Interiors, Inc.
3445	Oldcastle BuildingEnvelope®	3635	Consolidated Glass Corp.	3866	Denver Glass Interiors, Inc.
3446	Oldcastle BuildingEnvelope®	3636	Gemtron Canada Corporation	3867	Denver Glass Interiors, Inc.
3455	Cardinal TG	3637	Gemtron Canada Corporation	3868	Denver Glass Interiors, Inc.
3456	Cardinal TG	3656	All Team Glass & Mirror, Ltd.	3872	Hoskin & Muir, Inc
3458	Cardinal TG	3659	Gemtron Canada Corporation	3873	Hoskin & Muir, Inc
3459	Cardinal TG	3672	Guardian Glass, LLC	3874	Hoskin & Muir, Inc
3462	Oldcastle BuildingEnvelope®	3673	Guardian Glass, LLC	3875	Hoskin & Muir, Inc
3464	Contractors Wardrobe	3689	Viracon Inc.	3880	PGT Industries
3465	Contractors Wardrobe	3690	QinHuangDao Tianrui Tempered Technology Glass Co.	3881	PGT Industries
3466	Contractors Wardrobe	3701	Dallas Flat Glass	3905	PT Abebersa Pratama
3467	Contractors Wardrobe	3711	PFG Glass	3906	PT Abebersa Pratama
3468	Contractors Wardrobe	3714	Insulite Glass Co., Inc.	3907	Oldcastle BuildingEnvelope®
3469	Contractors Wardrobe	3715	Insulite Glass Co., Inc.	3912	Dillmeier Enterprise, Inc.
3470	Contractors Wardrobe	3716	Insulite Glass Co., Inc.	3913	Dillmeier Enterprise, Inc.
3472	Contractors Wardrobe	3717	Insulite Glass Co., Inc.	3914	Dillmeier Enterprise, Inc.
3473	Contractors Wardrobe	3729	Oldcastle BuildingEnvelope®	3915	Dillmeier Enterprise, Inc.
3474	Contractors Wardrobe	3736	Yao Xiang Glass Product Co. Ltd.	3916	Dillmeier Enterprise, Inc.
3475	Contractors Wardrobe	3737	Yao Xiang Glass Product Co. Ltd.	3917	Dillmeier Enterprise, Inc.
3476	Contractors Wardrobe	3738	Yao Xiang Glass Product Co. Ltd.	3925	Trulite Glass and Aluminum Solutions
3477	Contractors Wardrobe	3739	Yao Xiang Glass Product Co. Ltd.	3927	Trulite Glass and Aluminum Solutions
3485	Quaker Window Products, Inc.	3740	Yao Xiang Glass Product Co. Ltd.	3928	Trulite Glass and Aluminum Solutions
3486	Quaker Window Products, Inc.	3741	Yao Xiang Glass Product Co. Ltd.	3931	Trulite Glass and Aluminum Solutions
3497	Oldcastle BuildingEnvelope®	3742	Yao Xiang Glass Product Co. Ltd.	3932	Dongguan CSG Architectural Glass Co., Ltd.
3498	Oldcastle BuildingEnvelope®	3743	Yao Xiang Glass Product Co. Ltd.	3933	Dongguan CSG Architectural Glass Co., Ltd.
3499	Oldcastle BuildingEnvelope®	3745	Ready Glass & Mirror, Inc.	3934	Dongguan CSG Architectural Glass Co., Ltd.
3500	Oldcastle BuildingEnvelope®	3746	Ready Glass & Mirror, Inc.	3935	Dongguan CSG Architectural Glass Co., Ltd.
3502	Oldcastle BuildingEnvelope®	3747	Ready Glass & Mirror, Inc.	3936	Dongguan CSG Architectural Glass Co., Ltd.
3503	Oldcastle BuildingEnvelope®	3748	Ready Glass & Mirror, Inc.	3937	Dongguan CSG Architectural Glass Co., Ltd.
3505	Cardinal LG	3796	Oldcastle BuildingEnvelope®	3938	Dongguan CSG Architectural Glass Co., Ltd.
3506	Cardinal LG	3806	Commercial Insulating Glass Co.	3939	Dongguan CSG Architectural Glass Co., Ltd.
3507	Cardinal LG	3807	Commercial Insulating Glass Co.	3948	United Plate Glass Company of Charlotte
3508	Cardinal LG	3808	Commercial Insulating Glass Co.	3949	United Plate Glass Company of Charlotte
3532	Kohler Company	3810	Basco Engineered Products	3950	United Plate Glass Company of Charlotte
3538	PFG Glass	3811	Basco Engineered Products	3951	United Plate Glass Company of Charlotte
3539	PFG Glass	3812	Basco Engineered Products	3952	United Plate Glass Company of Charlotte
3540	PFG Glass	3822	Flat Glass Distributors	3954	United Plate Glass Company of Charlotte
3542	PFG Glass	3823	Flat Glass Distributors	3955	United Plate Glass Company of Charlotte
3543	PFG Glass	3824	Flat Glass Distributors	3957	JYC Glass Co. Ltd.
3544	PFG Glass	3825	Flat Glass Distributors	3958	JYC Glass Co. Ltd.
3547	PFG Glass	3826	Flat Glass Distributors	3959	JYC Glass Co. Ltd.
3548	PFG Glass	3828	Flat Glass Distributors	3960	JYC Glass Co. Ltd.
3549	PFG Glass	3830	Flat Glass Distributors	3961	JYC Glass Co. Ltd.
3555	Cardinal CT	3831	Flat Glass Distributors	3962	JYC Glass Co. Ltd.
3556	Al Abbar Architectural Glass	3831	Flat Glass Distributors	3963	JYC Glass Co. Ltd.
3557	Al Abbar Architectural Glass	3841	Glenny Glass Co.	3970 IN	GGI Glass Distributors Corp.
3558	Al Abbar Architectural Glass	3843	Glenny Glass Co.	3971	GGI Glass Distributors Corp.
3577	Vitro Flat Glass, LLC	3844	Glenny Glass Co.		
3578	Vitro Flat Glass, LLC	3845	Glenny Glass Co.		
3579	Cardinal CT	3846	Glenny Glass Co.		
3580	Cardinal CT	3857	GGI Glass Distributors Corp.		
3581	Cardinal CT	3858	GGI Glass Distributors Corp.		
3583	Arlene Stained Glass & Door	3859	American Insulated Glass		
3584	Arlene Stained Glass & Door	3860 IN	American Insulated Glass		
3585	Arlene Stained Glass & Door	3861	American Insulated Glass		
3599	Cardinal CG	3862	American Insulated Glass		
3601	Cardinal CG	3863	American Insulated Glass		
3619	Cardinal IG	3864	American Insulated Glass		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3972	GGI Glass Distributors Corp.	4072	Shanghai SYP Engineering Glass	4219	Trulite Glass and Aluminum Solutions
3973	GGI Glass Distributors Corp.	4073	Shanghai SYP Engineering Glass	4220	Trulite Glass and Aluminum Solutions
3974 IN	GGI Glass Distributors Corp.	4075	Tianjin SYP Engineering Glass Co., Ltd.	4221	Trulite Glass and Aluminum Solutions
3976	Al Abbar Architectural Glass			4225	Trulite Glass and Aluminum Solutions
3977	Al Abbar Architectural Glass	4076	Tianjin SYP Engineering Glass Co., Ltd.	4226	Trulite Glass and Aluminum Solutions
3978	SAAND London			4227	Trulite Glass and Aluminum Solutions
3979	SAAND London	4077	Tianjin SYP Engineering Glass Co., Ltd.	4240	Industrial Tempering Glass
3980	SAAND London	4078	Tianjin SYP Engineering Glass Co., Ltd.	4246	Valentini Glass & Components srl
3981	SAAND London			4247	Oldcastle BuildingEnvelope® Canada Inc.
3991	JYC Glass Co. Ltd.	4079	Tianjin SYP Engineering Glass Co., Ltd.		
3992	JYC Glass Co. Ltd.			4248	GGI Glass Distributors Corp.
3993	JYC Glass Co. Ltd.	4080	Tianjin SYP Engineering Glass Co., Ltd.	4255	Mercer Glass Fab LLC
3994	JYC Glass Co. Ltd.	4081	Tianjin SYP Engineering Glass Co., Ltd.	4256	Mercer Glass Fab LLC
3999	Oldcastle BuildingEnvelope®			4257	Mercer Glass Fab LLC
4002	Custom Glass Products Inc.	4103	Cardinal CT	4258	Mercer Glass Fab LLC
4004	Tristar Glass, Inc.	4104	Cardinal CT	4278	SAAND London
4005	Tristar Glass, Inc.	4105	Cardinal CT	4280	M&M Tempering Inc.
4006	Tristar Glass, Inc.	4121	EFCO Corporation	4281	M&M Tempering Inc.
4007	Tristar Glass, Inc.	4134	Trulite Glass and Aluminum Solutions	4282	M&M Tempering Inc.
4008	Tristar Glass, Inc.	4135	Trulite Glass and Aluminum Solutions	4285	Contour Industries, Inc.
4009	Tristar Glass, Inc.	4137	Cardinal CG	4290	Thermo BSL
4011	Tristar Glass, Inc.	4139	Basco Engineered Products	4291	Thermo BSL
4012	Kohler Company	4148	Nashville Tempered Glass LLC	4292	Thermo BSL
4021	Tianjin CSG Energy Conservation Glass Co., Ltd	4152	Trulite Glass and Aluminum Solutions	4293	Thermo BSL
4022	Tianjin CSG Energy Conservation Glass Co., Ltd	4153	Trulite Glass and Aluminum Solutions	4303 IN	Jiangmen SYP Engineering Glass Co, Ltd.
4023	Tianjin CSG Energy Conservation Glass Co., Ltd	4154	EFCO Corporation	4304	Jiangmen SYP Engineering Glass Co, Ltd.
4024	Tianjin CSG Energy Conservation Glass Co., Ltd	4158	Trulite Glass and Aluminum Solutions		
4025	Tianjin CSG Energy Conservation Glass Co., Ltd	4159	Trulite Glass and Aluminum Solutions	4305	Jiangmen SYP Engineering Glass Co, Ltd.
4026	Tianjin CSG Energy Conservation Glass Co., Ltd	4160	Trulite Glass and Aluminum Solutions		
4027	Tianjin CSG Energy Conservation Glass Co., Ltd	4161	JYC Glass Co. Ltd.	4306	Jiangmen SYP Engineering Glass Co, Ltd.
4028	Tianjin CSG Energy Conservation Glass Co., Ltd	4169	W. A. Wilson Inc.		
4031	General Glass	4170	W. A. Wilson Inc.	4307	Jiangmen SYP Engineering Glass Co, Ltd.
4032	General Glass	4171	W. A. Wilson Inc.		
4033	General Glass	4172	W. A. Wilson Inc.	4308	Jiangmen SYP Engineering Glass Co, Ltd.
4034	General Glass	4173	W. A. Wilson Inc.		
4047	Cardinal CG	4177	W. A. Wilson Inc.	4309	Jiangmen SYP Engineering Glass Co, Ltd.
4048	WSD Glass, Inc.	4179	Xinyi Group (Glass) Co., Ltd.		
4049	WSD Glass, Inc.	4180	Oldcastle BuildingEnvelope®	4310	Jiangmen SYP Engineering Glass Co, Ltd.
4050	WSD Glass, Inc.	4184	Trulite Glass and Aluminum Solutions	4318	Maryland Glass & Mirror
4052	WSD Glass, Inc.	4185	Trulite Glass and Aluminum Solutions	4319	Maryland Glass & Mirror
4054	Oldcastle BuildingEnvelope®	4186	Trulite Glass and Aluminum Solutions	4320	Maryland Glass & Mirror
4055	Deqing Sanxing Plastic Chemical Co. Ltd.	4187	Trulite Glass and Aluminum Solutions	4321	Maryland Glass & Mirror
4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4197	United Plate Glass Company of Charlotte	4322	Maryland Glass & Mirror
4061	Dulles Glass	4198	Glass and Mirror Craft	4328	Aldora Aluminum and Glass Products Inc.
4062	Dulles Glass	4199	Glass and Mirror Craft		
4063	Dulles Glass	4200	Glass and Mirror Craft	4330	Aldora Aluminum and Glass Products Inc.
4067	Shanghai SYP Engineering Glass	4202	Glass and Mirror Craft	4331	Aldora Aluminum and Glass Products Inc.
4068	Shanghai SYP Engineering Glass	4203	Glass and Mirror Craft		
4069	Shanghai SYP Engineering Glass	4204	Glass and Mirror Craft	4335	Aldora Aluminum and Glass Products Inc.
4070	Shanghai SYP Engineering Glass	4206	SIGCO, Inc.	4336	Aldora Aluminum and Glass Products Inc.
4071	Shanghai SYP Engineering Glass	4207	Trulite Glass and Aluminum Solutions		
		4209	Trulite Glass and Aluminum Solutions	4340	Oldcastle BuildingEnvelope®
		4210	Trulite Glass and Aluminum Solutions	4343	Cardinal CT
		4212	Trulite Glass and Aluminum Solutions	4344	Cardinal CT
		4213	Trulite Glass and Aluminum Solutions	4345	Cardinal CT
		4214	Trulite Glass and Aluminum Solutions	4347	Cardinal CG
		4215	Trulite Glass and Aluminum Solutions	4354	Viracon Inc.
		4217	Trulite Glass and Aluminum Solutions	4355	All Team Glass & Mirror, Ltd.

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4356	SAAND Inc.	4595	New Angle Beveling	4754	Trulite Glass and Aluminum Solutions
4357	SAAND Inc.	4597	White Aluminum Enterprises LLC	4756	Cardinal CT
4358	SAAND Inc.	4598	White Aluminum Enterprises LLC	4757	Cardinal CT
4371	Trulite Glass and Aluminum Solutions	4599	Cardinal CG	4758	Cardinal CT
4379	Wholesale Glass Dist.	4604	Guardian Fabrication, LLC	4759	Cardinal CT
4380	Wholesale Glass Dist.	4605	Guardian Fabrication, LLC	4760	Cardinal CT
4381	Wholesale Glass Dist.	4606	Guardian Fabrication, LLC	4763	Dallas Flat Glass
4382	Wholesale Glass Dist.	4607	Guardian Fabrication, LLC	4764	Global Security Glazing
4388	Engineered Glass Products, L.L.C.	4609	Guardian Fabrication, LLC	4765	Global Security Glazing
4390	Oldcastle BuildingEnvelope®	4610	Guardian Fabrication, LLC	4766	Global Security Glazing
4396 IN	Oldcastle BuildingEnvelope®	4612	Guardian Fabrication, LLC	4767	Global Security Glazing
4419	Garibaldi Glass Ind. Inc.	4613	Guardian Fabrication, LLC	4768	Global Security Glazing
4420	Garibaldi Glass Ind. Inc.	4620	Cardinal CT	4774 IN	GGI Glass Distributors Corp.
4421	Garibaldi Glass Ind. Inc.	4621	Cardinal CT	4775	Cardinal CG
4422	Garibaldi Glass Ind. Inc.	4622	Cardinal CT	4780	Cardinal CG
4424	Oldcastle BuildingEnvelope®	4623	Cardinal CT	4781	Cardinal CG
4425	Fairis C.A.	4624	Cardinal CT	4783	Cardinal CG
4426	Fairis C.A.	4625	Cardinal CT	4785	Consolidated Glass Corp.
4427	Fairis C.A.	4627	Guardian Fabrication, LLC	4787 IN	Oldcastle BuildingEnvelope®
4428	Fairis C.A.	4628	Glass Enterprises, Inc.	4788	Soluciones Vitro Plano S.A. de C.V.
4429	Fairis C.A.	4629	Glass Enterprises, Inc.	4790	Dallas Flat Glass
4443	Oldcastle BuildingEnvelope®	4636	United Plate Glass Company of Charlotte	4796	Gulf Glass Industries, LLC
4453	Trulite Glass and Aluminum Solutions	4638	Flat Glass Distributors	4797	Gulf Glass Industries, LLC
4458	Oldcastle BuildingEnvelope®	4639	Soluciones Vitro Plano S.A. de C.V.	4798	Gulf Glass Industries, LLC
4473	Insulite Glass Co., Inc.	4640	Soluciones Vitro Plano S.A. de C.V.	4804	Glasswerks GWLA- East
4474	Insulite Glass Co., Inc.	4641	Soluciones Vitro Plano S.A. de C.V.	4805	Glasswerks GWLA- East
4477	Oldcastle BuildingEnvelope®	4642	Soluciones Vitro Plano S.A. de C.V.	4806	Glasswerks GWLA- East
4507	Denver Glass Interiors, Inc.	4642	Soluciones Vitro Plano S.A. de C.V.	4813	McGrory Glass
4508	Denver Glass Interiors, Inc.	4643 IN	Amsco Windows	4814	McGrory Glass
4509	Techni-Glass LLC	4645	Soluciones Vitro Plano S.A. de C.V.	4815	McGrory Glass
4510	Techni-Glass LLC	4648	Xinyi Group (Glass) Co., Ltd.	4816	McGrory Glass
4512	Perficom S.A. DE C.V.	4657	Changshu Xingfu Glass Building Material Co., LTD	4817	McGrory Glass
4518	Blue Star Glass Inc.	4668	Kohler Company	4819	McGrory Glass
4519	Blue Star Glass Inc.	4675	Reem Emirates Aluminum & Glass	4820 IN	McGrory Glass
4520	Blue Star Glass Inc.	4676	Reem Emirates Aluminum & Glass	4827	Trulite Glass and Aluminum Solutions
4521	Blue Star Glass Inc.	4677	Reem Emirates Aluminum & Glass	4832	Cameron Glass, LLC.
4522	Trulite Glass and Aluminum Solutions	4677	Reem Emirates Aluminum & Glass	4836	Cardinal IG
4530	Mercer Glass Fab LLC	4682	Integral Seal Mfg. Inc.	4838	Dillmeier Enterprise, Inc.
4546	Cleer Vision Tempered Glass	4683	Integral Seal Mfg. Inc.	4839	Dillmeier Enterprise, Inc.
4566	Dallas Flat Glass	4684	Integral Seal Mfg. Inc.	4841	Cardinal LG
4567	Dallas Flat Glass	4689	Basco Engineered Products	4842	Cardinal LG
4571	Architectural Glass Products, LLC.	4701	Contour Industries, Inc.	4843	Cardinal LG
4572	Architectural Glass Products, LLC.	4702	Contour Industries, Inc.	4844	Cardinal LG
4573	Architectural Glass Products, LLC.	4703	Contour Industries, Inc.	4846	Al Abbar Architectural Glass
4574	Architectural Glass Products, LLC.	4704 IN	Contour Industries, Inc.	4882	Oldcastle BuildingEnvelope®
4578	Cardinal CT	4705	Contour Industries, Inc.	4883	AGNORA LTD
4579	Cardinal CT	4710	Oldcastle BuildingEnvelope®	4884	AGNORA LTD
4580	Cardinal CT	4714	Consolidated Glass Corp.	4885	AGNORA LTD
4581	Cardinal CT	4720	Cardinal LG	4889	GlassFab Tempering Services, Inc. Mariani Ct.
4582	Cardinal CT	4724	Basco Engineered Products	4890	GlassFab Tempering Services, Inc. Mariani Ct.
4584	Cardinal LG	4728	View Inc.	4891	GlassFab Tempering Services, Inc. Mariani Ct.
4587	Cardinal LG	4742	Cardinal CT	4893	GlassFab Tempering Services, Inc. Mariani Ct.
4588	Intigral	4745	Trulite Glass and Aluminum Solutions	4897	GlassFab Tempering Services, Inc. Mariani Ct.
4590	Al Abbar Architectural Glass	4746	Trulite Glass and Aluminum Solutions	4900	US Tempering LLC
4591	New Angle Beveling	4747	Trulite Glass and Aluminum Solutions		
4592	New Angle Beveling	4748	Trulite Glass and Aluminum Solutions		
4593	New Angle Beveling	4750	Trulite Glass and Aluminum Solutions		
4594	New Angle Beveling	4753	Trulite Glass and Aluminum Solutions		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4901	US Tempering LLC	5096	Cardinal CT	5219	Garibaldi Glass Ind. Inc.
4902	US Tempering LLC	5097	Cardinal CT	5220	Tianjin Northglass Industrial Technical Co., Ltd
4903	US Tempering LLC	5098	Cardinal CT		Tianjin Northglass Industrial Technical Co., Ltd
4912	Prelco Inc.	5099	Cardinal CT	5221	Tianjin Northglass Industrial Technical Co., Ltd
4913	Prelco Inc.	5100	Cardinal CT		Multiver
4914	Prelco Inc.	5116	Glass and Mirror Craft	5226	Multiver
4915	Prelco Inc.	5123	Dulles Glass	5227	Multiver
4916	Prelco Inc.	5124	Garibaldi Glass Ind. Inc.	5228	Multiver
4917	Prelco Inc.	5127	Arlene Stained Glass & Door	5242	Paragon Tempered Glass
4918	Dulles Glass	5128	GlassFab Tempering Services, Inc.	5259	Press Glass, Inc.
4922	Trulite Glass and Aluminum Solutions		Mariani Ct.	5260	Dalian Huaying Glass Limited Liability Co.
4923	Trulite Glass and Aluminum Solutions	5134	Trulite Glass and Aluminum Solutions	5261	Dalian Huaying Glass Limited Liability Co.
4925	McGrory Glass	5135	Inkan Ltd		Trulite Glass and Aluminum Solutions
4927	Upstate Glass Tempering Inc.	5136	Inkan Ltd	5273	Trulite Glass and Aluminum Solutions
4928	JM Glass	5137	Inkan Ltd	5274	Trulite Glass and Aluminum Solutions
4929	JM Glass	5138	Inkan Ltd	5275	Trulite Glass and Aluminum Solutions
4930	JM Glass	5139	Inkan Ltd	5276	Trulite Glass and Aluminum Solutions
4931	JM Glass	5140	Inkan Ltd	5277	Trulite Glass and Aluminum Solutions
4936	Changshu Zhouxing Craft Glass Factory	5141	Qinhuangdao Qicaishi Glass Processing Co., Ltd.	5279	Trulite Glass and Aluminum Solutions
4949	SAAND Ottawa	5143	Glaz-Tech Industries, Inc.	5280	Qinhuangdao Jingxin Glass Co., Ltd.
4950	SAAND Ottawa	5144	Bendheim Wall Systems	5281	Cardinal CG
4951	SAAND Ottawa	5145	Bendheim Wall Systems	5283	American Insulated Glass, LLC
4952	SAAND Ottawa	5151	Changshu Xingfu Glass Building Material Co., LTD	5284	American Insulated Glass, LLC
4953	SAAND Ottawa		Changshu Xingfu Glass Building Material Co., LTD	5285	American Insulated Glass, LLC
4954	SAAND Ottawa	5152	Upstate Glass Tempering Inc.	5286	American Insulated Glass, LLC
4966	Vidrio Bisel S.A. de C.V. (Santa Catarina)	5157	Upstate Glass Tempering Inc.	5287	American Insulated Glass, LLC
4967	Vidrio Bisel S.A. de C.V. (Santa Catarina)	5158	Upstate Glass Tempering Inc.	5288	American Insulated Glass, LLC
4978	Simonton Windows	5165	Tacoma Glass Mfg. Inc.	5289	American Insulated Glass, LLC
4979	Simonton Windows	5166	Tacoma Glass Mfg. Inc.	5296	Simonton Windows
4993	Tweddells Inc.	5167	Tacoma Glass Mfg. Inc.	5297	Quaker Window Products, Inc.
4995	SAAND Rexdale	5173	W. A. Wilson Inc.	5298	Thompson I.G. LLC.
4996	SAAND Rexdale	5174	Blue Star Glass Inc.	5299	Thompson I.G. LLC.
4997	SAAND Rexdale	5175	Blue Star Glass Inc.	5303	Thompson I.G. LLC.
4998	SAAND Rexdale	5183	Trulite Glass and Aluminum Solutions	5304	Thompson I.G. LLC.
4999	SAAND Rexdale	5184	Trulite Glass and Aluminum Solutions	5305	Thompson I.G. LLC.
5000	SAAND Rexdale	5185	Trulite Glass and Aluminum Solutions	5306	Cardinal CG
5010	Tempco Glass	5186	Trulite Glass and Aluminum Solutions	5318	Trulite Glass and Aluminum Solutions
5011	Tempco Glass	5187	Trulite Glass and Aluminum Solutions	5320	Trulite Glass and Aluminum Solutions
5012	Tempco Glass	5189	Trulite Glass and Aluminum Solutions	5321	Trulite Glass and Aluminum Solutions
5013	Tempco Glass	5190	Trulite Glass and Aluminum Solutions	5322	Trulite Glass and Aluminum Solutions
5019	S.F. Tempering	5191	Trulite Glass and Aluminum Solutions	5335	Cardinal CT
5020	S.F. Tempering	5192	Trulite Glass and Aluminum Solutions	5336	Cardinal CT
5021	S.F. Tempering	5193	Cardinal LG	5337	Trulite Glass and Aluminum Solutions
5026	3 Form	5199	Robover Inc.	5338	Trulite Glass and Aluminum Solutions
5050	Techni-Glass LLC	5200	Robover Inc.	5339	Trulite Glass and Aluminum Solutions
5052 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5201	Robover Inc.	5340	Trulite Glass and Aluminum Solutions
5053 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5202	Robover Inc.	5341	Trulite Glass and Aluminum Solutions
5054 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5203	Basco Engineered Products	5343	Trulite Glass and Aluminum Solutions
5055 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5204	Vitro Architectural Glass	5344	Trulite Glass and Aluminum Solutions
5076	Basco Engineered Products	5205	Vitro Architectural Glass	5345	Trulite Glass and Aluminum Solutions
5084	Aluminum Technology Auxiliary Industries	5206	Vitro Architectural Glass	5346	Trulite Glass and Aluminum Solutions
5095	Cardinal CT	5207	Vitro Architectural Glass	5348	Trulite Glass and Aluminum Solutions
		5210	3 Form	5349	Trulite Glass and Aluminum Solutions
		5211	3 Form	5350	Trulite Glass and Aluminum Solutions
		5212	Aluminum Technology Auxiliary Industries	5351	Changshu Weier Glass Products Co. Ltd.
		5213	SIGCO, Inc.	5352	Changshu Weier Glass Products Co. Ltd.

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5353	Changshu Weier Glass Products Co. Ltd.	5507	Trulite Glass and Aluminum Solutions	5694	Triton Glass LLC
5354	Changshu Weier Glass Products Co. Ltd.	5508	Trulite Glass and Aluminum Solutions	5701	Trulite Glass and Aluminum Solutions
5364	Cardinal CT	5509	Trulite Glass and Aluminum Solutions	5702	Trulite Glass and Aluminum Solutions
5366	Bronco Industries, Inc.	5510	Trulite Glass and Aluminum Solutions	5703	Trulite Glass and Aluminum Solutions
5367	Bronco Industries, Inc.	5511	Trulite Glass and Aluminum Solutions	5704	Trulite Glass and Aluminum Solutions
5368	Bronco Industries, Inc.	5517	Trulite Glass and Aluminum Solutions	5706	Trulite Glass and Aluminum Solutions
5384	Tweddells Inc.	5518	Trulite Glass and Aluminum Solutions	5719	Quest Window Systems
5385	Tweddells Inc.	5521	Flat Glass Group Co., Ltd.	5720	Cardinal CT
5386	Tweddells Inc.	5522	Flat Glass Group Co., Ltd.	5729	Nashville Tempered Glass Corp.
5387	Oldcastle BuildingEnvelope®	5523	Flat Glass Group Co., Ltd.	5730	Thermal Seal Insulating Glass
5397	Trulite Glass and Aluminum Solutions	5524	Flat Glass Group Co., Ltd.	5731	Thermal Seal Insulating Glass
5398	Trulite Glass and Aluminum Solutions	5532	Xinyi Glass (Tianjin) Co. Ltd.	5732	Thermal Seal Insulating Glass
5399	Trulite Glass and Aluminum Solutions	5533	Xinyi Glass (Tianjin) Co. Ltd.	5733	Thermal Seal Insulating Glass
5400	Trulite Glass and Aluminum Solutions	5534	Xinyi Glass (Tianjin) Co. Ltd.	5734	Thermal Seal Insulating Glass
5401	Trulite Glass and Aluminum Solutions	5535	Xinyi Glass (Tianjin) Co. Ltd.	5735	Thermal Seal Insulating Glass
5404	Trulite Glass and Aluminum Solutions	5536	Xinyi Glass (Tianjin) Co. Ltd.	5736	Thermal Seal Insulating Glass
5405	Trulite Glass and Aluminum Solutions	5554	Downey Glass	5737	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.
5407	Unitex Glass Chengdu Co., Ltd	5566	Rizhao Huaye Glass Co., Ltd.	5738	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.
5408	Unitex Glass Chengdu Co., Ltd	5567	Rizhao Huaye Glass Co., Ltd.	5746	Trulite Glass and Aluminum Solutions
5414	Unitex Glass Chengdu Co., Ltd	5568	Rizhao Huaye Glass Co., Ltd.	5747	Trulite Glass and Aluminum Solutions
5432	Trulite Glass and Aluminum Solutions	5569	Rizhao Huaye Glass Co., Ltd.	5750	General Glass
5433	Trulite Glass and Aluminum Solutions	5570	Rizhao Huaye Glass Co., Ltd.	5751	General Glass
5435	Cardinal IG	5571	Rizhao Huaye Glass Co., Ltd.	5755	Cat-I Manufacturing, Inc.
5442	Oldcastle BuildingEnvelope®	5572	Rizhao Huaye Glass Co., Ltd.	5756	Shower Doors & More Inc.
5443	Trulite Glass and Aluminum Solutions	5574	Aldora Aluminum and Glass Products, Inc.	5757	Shower Doors & More Inc.
5444	Trulite Glass and Aluminum Solutions	5575	Aldora Aluminum and Glass Products, Inc.	5758	Shower Doors & More Inc.
5445	Trulite Glass and Aluminum Solutions	5576	Aldora Aluminum and Glass Products, Inc.	5759	Shower Doors & More Inc.
5446	Trulite Glass and Aluminum Solutions	5577	Aldora Aluminum and Glass Products, Inc.	5762	Tristar Glass, Inc.
5447	Trulite Glass and Aluminum Solutions	5579	Aldora Aluminum and Glass Products, Inc.	5763	Robover Inc.
5448	Trulite Glass and Aluminum Solutions	5585	Wisconsin Shower Door & Supply Corp	5764	Robover Inc.
5449	Trulite Glass and Aluminum Solutions	5587	Wisconsin Shower Door & Supply Corp	5772	New Angle Beveling
5451	Trulite Glass and Aluminum Solutions	5588	Wisconsin Shower Door & Supply Corp	5773	New Angle Beveling
5452	S.F. Tempering	5589	Wisconsin Shower Door & Supply Corp	5774	New Angle Beveling
5455	New Century Glass & Aluminum LLC	5590	Wisconsin Shower Door & Supply Corp	5775	New Angle Beveling
5456	New Century Glass & Aluminum LLC	5592	Wisconsin Shower Door & Supply Corp	5776	New Angle Beveling
5457	New Century Glass & Aluminum LLC	5594	Wisconsin Shower Door & Supply Corp	5781	Vidrio Duro de Mexico S.A. de C.V.
5458	New Century Glass & Aluminum LLC	5595	Wisconsin Shower Door & Supply Corp	5782	Trulite Glass and Aluminum Solutions
5462	Unitex Glass Chengdu Co., Ltd	5596	Wisconsin Shower Door & Supply Corp	5788	GnT Glass Co., Ltd.
5463	Unitex Glass Chengdu Co., Ltd	5597	Wisconsin Shower Door & Supply Corp	5789	GnT Glass Co., Ltd.
5465	Zhangjiagang City Daming Glass Product Co., Ltd	5598	Wisconsin Shower Door & Supply Corp	5790	GnT Glass Co., Ltd.
5466	Zhangjiagang City Daming Glass Product Co., Ltd	5610	Glass and Mirror Craft	5835	Allglass Tempering Inc.
5477	Trulite Glass and Aluminum Solutions	5611	Prelco Inc.	5836	Allglass Tempering Inc.
5479	Cardinal CT	5635	ATI Windows	5837	Allglass Tempering Inc.
5480	Glasswerks GWA- West	5636	ATI Windows	5838	Allglass Tempering Inc.
5481	Glasswerks GWA- West	5637	ATI Windows	5839	Allglass Tempering Inc.
5482	Glasswerks GWA- West	5638	ATI Windows	5840	Vidrio Duro de Mexico S.A. de C.V.
5483	Trulite Glass and Aluminum Solutions	5639	ATI Windows	5842	Cardinal CT
5498	Produits Verrier International Inc.	5680	Trulite Glass and Aluminum Solutions	5845	PRESS GLASS SP ZOO
5499	Produits Verrier International Inc.	5687	Trulite Glass and Aluminum Solutions	5846	PRESS GLASS SP ZOO
5500	Produits Verrier International Inc.	5688	Trulite Glass and Aluminum Solutions	5847	PRESS GLASS SP ZOO
5501	Produits Verrier International Inc.	5690	Triton Glass LLC	5848	PRESS GLASS SP ZOO
5502	Produits Verrier International Inc.	5691	Triton Glass LLC	5849	PRESS GLASS SP ZOO
5503	Produits Verrier International Inc.	5692	Triton Glass LLC	5850	PRESS GLASS SP ZOO
5504	Produits Verrier International Inc.	5693	Triton Glass LLC	5852	PRESS GLASS SP ZOO
5505	Produits Verrier International Inc.			5853	PRESS GLASS SP ZOO
				5854	PRESS GLASS SP ZOO

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5855	PRESS GLASS SP ZOO	5988	GlassFab Tempering Services Inc. Holly Drive	6090	W.C.P., Inc dba West Coast Insulated Glass Products
5856	PRESS GLASS SP ZOO	5989	GlassFab Tempering Services Inc. Holly Drive	6095	Glasswerks GWT
5857	PRESS GLASS SP ZOO	5990	GlassFab Tempering Services Inc. Holly Drive	6096	Glasswerks GWT
5860	Trulite Glass and Aluminum Solutions	5998	Carey Glass UC	6097	Glasswerks GWT
5871	Bronco Industries, Inc.	5999	Carey Glass UC	6098	Glasswerks GWT
5876	Trulite Glass and Aluminum Solutions	6000	Carey Glass UC	6099	Anthony International
5877	Trulite Glass and Aluminum Solutions	6004	Xianning CSG Energy Conservation Glass Co., LTD.	6102	Trulite Glass and Aluminum Solutions
5882	Glasswerks GWLA- East	6005	Xianning CSG Energy Conservation Glass Co., LTD.	6103	Trulite Glass and Aluminum Solutions
5883	Glasswerks GWLA- East	6006	Trulite Glass and Aluminum Solutions	6104	Trulite Glass and Aluminum Solutions
5884	Glasswerks GWLA- East	6007	Trulite Glass and Aluminum Solutions	6105	Trulite Glass and Aluminum Solutions
5885	Glasswerks GWLA- East	6008	Trulite Glass and Aluminum Solutions	6106	Trulite Glass and Aluminum Solutions
5890	Yong Feng Tai Foshan City Glass Co., LTD.	6009	Trulite Glass and Aluminum Solutions	6107	Trulite Glass and Aluminum Solutions
5891	Yong Feng Tai Foshan City Glass Co., LTD.	6020	Gemtron Canada Corporation	6113	Trulite Glass and Aluminum Solutions
5892	Yong Feng Tai Foshan City Glass Co., LTD.	6021	Gemtron Canada Corporation	6114 IN	Trulite Glass and Aluminum Solutions
5893	Yong Feng Tai Foshan City Glass Co., LTD.	6027	Midwest Glass Fabricators	6115	Trulite Glass and Aluminum Solutions
5894	Yong Feng Tai Foshan City Glass Co., LTD.	6028	Midwest Glass Fabricators	6118	GlassFab Tempering Services Inc. Holly Drive
5896	Trulite Glass and Aluminum Solutions	6029	Midwest Glass Fabricators	6119	Foshan Gaoming Yaqi Toughened Glass
5897	Trulite Glass and Aluminum Solutions	6030	Midwest Glass Fabricators	6120	Foshan Gaoming Yaqi Toughened Glass
5904	Oldcastle BuildingEnvelope®	6031	Midwest Glass Fabricators	6121	Foshan Gaoming Yaqi Toughened Glass
5910	Cardinal IG	6032	Midwest Glass Fabricators	6122	Foshan Gaoming Yaqi Toughened Glass
5911	Cardinal IG	6033	Midwest Glass Fabricators	6123	Foshan Gaoming Yaqi Toughened Glass
5912	Cardinal IG	6034	Midwest Glass Fabricators	6124	Foshan Gaoming Yaqi Toughened Glass
5917	U.S. Glass Distributors Inc.	6037	Midwest Glass Fabricators	6125	Shanghai Zhenzhen Glassware Co., LTD.
5918	U.S. Glass Distributors Inc.	6047	GLASPRO	6126	Shanghai Zhenzhen Glassware Co., LTD.
5920	U.S. Glass Distributors Inc.	6048	GLASPRO	6135	BVGLAZING SYSTEMS
5921	U.S. Glass Distributors Inc.	6061	Trulite Glass & Aluminum Solutions Canada, ULC	6136	BVGLAZING SYSTEMS
5922	U.S. Glass Distributors Inc.	6062	Trulite Glass & Aluminum Solutions Canada, ULC	6137	BVGLAZING SYSTEMS
5923	U.S. Glass Distributors Inc.	6063	Trulite Glass & Aluminum Solutions Canada, ULC	6138	BVGLAZING SYSTEMS
5924	U.S. Glass Distributors Inc.	6064	Trulite Glass & Aluminum Solutions Canada, ULC	6139	BVGLAZING SYSTEMS
5925	U.S. Glass Distributors Inc.	6065	Trulite Glass & Aluminum Solutions Canada, ULC	6143	Cardinal CT
5926	U.S. Glass Distributors Inc.	6066	Trulite Glass & Aluminum Solutions Canada, ULC	6144	American Insulated Glass, LLC
5927	U.S. Glass Distributors Inc.	6067	Trulite Glass & Aluminum Solutions Canada, ULC	6145	American Insulated Glass, LLC
5939	Strong Tempering Glass Industry LLC	6069	Cardinal IG	6151	Aluminum Manufacturers Co. Ltd - ALUMATEC
5940	Strong Tempering Glass Industry LLC	6070	Louisville Plate Glass	6152	Aluminum Manufacturers Co. Ltd - ALUMATEC
5941	Strong Tempering Glass Industry LLC	6072	Louisville Plate Glass	6157	U.S. Glass Distributors Inc.
5942	Strong Tempering Glass Industry LLC	6073	Louisville Plate Glass	6159	Trulite Glass and Aluminum Solutions
5946	M3 Glass Technologies	6074	Louisville Plate Glass	6165	Trulite Glass and Aluminum Solutions
5947	M3 Glass Technologies	6075	Louisville Plate Glass	6166	Trulite Glass and Aluminum Solutions
5973	Kensington Glass Arts	6079	Sfera SRL	6167	Trulite Glass and Aluminum Solutions
5974	Kensington Glass Arts	6084	W.C.P., Inc dba West Coast Insulated Glass Products	6168	Trulite Glass and Aluminum Solutions
5975	Kensington Glass Arts	6085	W.C.P., Inc dba West Coast Insulated Glass Products	6169	Trulite Glass and Aluminum Solutions
5976	Kensington Glass Arts	6086	W.C.P., Inc dba West Coast Insulated Glass Products	6172	Cardinal CT
5977	Kensington Glass Arts	6087	W.C.P., Inc dba West Coast Insulated Glass Products	6173	Cardinal CT
5979	Xianning CSG Energy Conservation Glass Co., LTD.	6088	W.C.P., Inc dba West Coast Insulated Glass Products	6174	Cardinal CT
5980	Xianning CSG Energy Conservation Glass Co., LTD.	6089	W.C.P., Inc dba West Coast Insulated Glass Products	6186	Sierra Glass Fabrication Inc.
5981	Xianning CSG Energy Conservation Glass Co., LTD.			6189	Trulite Glass and Aluminum Solutions
5982	Xianning CSG Energy Conservation Glass Co., LTD.			6190	Trulite Glass and Aluminum Solutions
5983	Xianning CSG Energy Conservation Glass Co., LTD.			6191	Changshu ZhongXin Building Materials Co., Ltd.
5986	GlassFab Tempering Services Inc. Holly Drive			6204	Stargrup Cam A.S.



*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6205	Stargrup Cam A.S.	6340	Skyline Design	6475	Changshu ZhongXin Building Materials Co., Ltd.
6206	Stargrup Cam A.S.	6343	Skyline Design	6476	Luoyang LandGlass Technology Co., LTD
6209	Crystal Tempering, Inc.	6347	Skyline Design	6484 IN	Cardinal LG
6210	Crystal Tempering, Inc.	6350	Skyline Design	6499	Changshu ZhongXin Building Materials Co., Ltd.
6211	Crystal Tempering, Inc.	6364	Woon-Tech Inc.	6500	Changshu ZhongXin Building Materials Co., Ltd.
6212	Crystal Tempering, Inc.	6365	Woon-Tech Inc.	6502	Shape Glass LLC.
6214	Crystal Tempering, Inc.	6366	Woon-Tech Inc.	6503	Shape Glass LLC.
6215	Crystal Tempering, Inc.	6367	Woon-Tech Inc.	6504	Shape Glass LLC.
6216	Crystal Tempering, Inc.	6368	Woon-Tech Inc.	6505	Shape Glass LLC.
6227	Whalley Glass Co	6369	Woon-Tech Inc.	6506	Shape Glass LLC.
6228	Whalley Glass Co	6372	Portland Glass Manufacturing	6507	Shape Glass LLC.
6243	Quality Enclosures Tempering, Inc.	6373	Portland Glass Manufacturing	6508	PRL Glass Systems
6244	Quality Enclosures Tempering, Inc.	6375	United Plate Glass Co., Inc.	6510	Portland Glass Manufacturing
6245	Quality Enclosures Tempering, Inc.	6377	Hartung Glass Industries	6516	Cardinal CT
6246	Quality Enclosures Tempering, Inc.	6378 IN	Hartung Glass Industries	6517	Productora y Distribuidora de Espejos S.A. de C.V.
6247	Quality Enclosures Tempering, Inc.	6379	Hartung Glass Industries	6518	Productora y Distribuidora de Espejos S.A. de C.V.
6248	Quality Enclosures Tempering, Inc.	6380	Hartung Glass Industries	6519	Unitex Glass Chengdu Co., Ltd
6249	Quality Enclosures Tempering, Inc.	6381	Hartung Glass Industries	6520	Unitex Glass Chengdu Co., Ltd
6271 IN	Ningbo Xinxin Glass Technology Co., Ltd	6382	Hartung Glass Industries	6522	Cardinal IG
6272	Ningbo Xinxin Glass Technology Co., Ltd	6388	Trulite Glass and Aluminum Solutions	6523	Cardinal IG
6273 IN	Ningbo Xinxin Glass Technology Co., Ltd	6389	Trulite Glass and Aluminum Solutions	6524	Cardinal IG
6274	Ningbo Xinxin Glass Technology Co., Ltd	6394	Oldcastle BuildingEnvelope®	6525	Cardinal IG
6275 IN	Manko Window Systems	6404	PRESS GLASS SP ZOO	6534	Cardinal CG
6276 IN	Manko Window Systems	6407	Blue Star Glass Inc.	6535	Vistamatic, LLC
6277	Manko Window Systems	6409	All Counties Glass	6536	Vistamatic, LLC
6278	Manko Window Systems	6410	All Counties Glass	6537	Vistamatic, LLC
6279	Manko Window Systems	6411	All Counties Glass	6538	Vistamatic, LLC
6280	Manko Window Systems	6412	All Counties Glass	6539	Vistamatic, LLC
6286	Manko Windows	6413	All Counties Glass	6540	GnT Glass Co., Ltd.
6287	Manko Windows	6414	All Counties Glass	6552	Cardinal CG
6288	Manko Windows	6415	All Counties Glass	6556	Cardinal IG
6289	Manko Windows	6416	Pulp Studio, Inc.	6557	Cardinal IG
6290	Manko Windows	6418	Tengzhou Fenghua Glass Co., LTD	6559	Cardinal IG
6291	Manko Windows	6419	Tengzhou Fenghua Glass Co., LTD	6566	Northwestern Industries - Arizona, Inc.
6292	Manko Windows	6420	Tengzhou Fenghua Glass Co., LTD	6567	Northwestern Industries - Arizona, Inc.
6293	Manko Windows	6421	Tengzhou Fenghua Glass Co., LTD	6568	Northwestern Industries - Arizona, Inc.
6294	Manko Windows	6422	Tengzhou Fenghua Glass Co., LTD	6569	Northwestern Industries - Arizona, Inc.
6295	Manko Windows	6424	Tengzhou Fenghua Glass Co., LTD	6574	Glaz-Tech Industries, Inc.
6296	Manko Windows	6425	Tengzhou Fenghua Glass Co., LTD	6575	Glaz-Tech Industries, Inc.
6297	Edge Tempering	6426	Tengzhou Fenghua Glass Co., LTD	6576	Glaz-Tech Industries, Inc.
6298	Edge Tempering	6433	WinTech	6577	Glaz-Tech Industries, Inc.
6299	Edge Tempering	6434	WinTech	6578	Glaz-Tech Industries, Inc.
6314	Echols Glass and Mirror, Inc.	6440	Quality Enclosures	6579	Glaz-Tech Industries, Inc.
6315	Echols Glass and Mirror, Inc.	6441	Quality Enclosures	6580	Glaz-Tech Industries, Inc.
6316	Echols Glass and Mirror, Inc.	6442	Quality Enclosures	6581	Glaz-Tech Industries, Inc.
6317	Echols Glass and Mirror, Inc.	6443	Quality Enclosures	6582	Glaz-Tech Industries, Inc.
6318	Echols Glass and Mirror, Inc.	6444	Quality Enclosures	6583	Glaz-Tech Industries, Inc.
6319	Echols Glass and Mirror, Inc.	6445	Quality Enclosures	6584	Glaz-Tech Industries, Inc.
6320	Bel Pre Glassworks Inc.	6446	Quality Enclosures	6585	Glaz-Tech Industries, Inc.
6321	Bel Pre Glassworks Inc.	6447	Trulite Glass and Aluminum Solutions	6586	Glaz-Tech Industries, Inc.
6322	Bel Pre Glassworks Inc.	6453	Yitian (Cattis) Glass Product Co., Ltd	6588	Glaz-Tech Industries, Inc.
6324	Bel Pre Glassworks Inc.	6454	Yitian (Cattis) Glass Product Co., Ltd	6597	Glass Enterprises, Inc.
6325	Bel Pre Glassworks Inc.	6455	Yitian (Cattis) Glass Product Co., Ltd	6598	Glass Enterprises, Inc.
6326	Gulf Glass Industries, LLC	6470	Bel Shower Door Corporation	6599	Glaz-Tech Industries, Inc.
6329	Xinyi Glass (Tianjin) Co. Ltd.	6471	Bel Shower Door Corporation		
		6472	Bel Shower Door Corporation		
		6473	Bel Shower Door Corporation		
		6474	Bel Shower Door Corporation		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6600	Glaz-Tech Industries, Inc.	6734	Northwestern Glass Fab	6870	CS ECO Glass (M) Sdn Bhd
6601	Glaz-Tech Industries, Inc.	6735	Northwestern Glass Fab	6871	CS ECO Glass (M) Sdn Bhd
6602	Glaz-Tech Industries, Inc.	6736	Northwestern Glass Fab	6877	Yong Feng Tai Foshan City Glass Co., LTD.
6603	Glaz-Tech Industries, Inc.	6737	Northwestern Glass Fab	6879	Yong Feng Tai Foshan City Glass Co., LTD.
6604	Glaz-Tech Industries, Inc.	6738	PAN- DUR Glass GmbH	6886	Precision Glass Industries
6605	Glaz-Tech Industries, Inc.	6739	PAN- DUR Glass GmbH	6887	Precision Glass Industries
6606	Glaz-Tech Industries, Inc.	6759	Trulite Glass and Aluminum Solutions	6888	Precision Glass Industries
6607	Glaz-Tech Industries, Inc.	6776	Qingdao Ideal Building Material Co. Ltd.	6889	Precision Glass Industries
6608	Glaz-Tech Industries, Inc.	6777	Qingdao Ideal Building Material Co. Ltd.	6890	Multiver
6609	Glaz-Tech Industries, Inc.	6782	Blue Star Glass Inc.	6891	Aluminum Manufacturers Co. Ltd - ALUMATEC
6610	Glaz-Tech Industries, Inc.	6784	Wujiang CSG Huadong Architectural Glass Co., LTD	6893	Les Verres VMIK Inc.
6611	Glaz-Tech Industries, Inc.	6785	Wujiang CSG Huadong Architectural Glass Co., LTD	6894	Les Verres VMIK Inc.
6612	Glaz-Tech Industries, Inc.	6786	Wujiang CSG Huadong Architectural Glass Co., LTD	6895	Les Verres VMIK Inc.
6613	Trulite Glass and Aluminum Solutions	6787	Wujiang CSG Huadong Architectural Glass Co., LTD	6896	Les Verres VMIK Inc.
6619	JYC Glass Co. Ltd.	6788	Wujiang CSG Huadong Architectural Glass Co., LTD	6897	Les Verres VMIK Inc.
6620	JYC Glass Co. Ltd.	6789	Wujiang CSG Huadong Architectural Glass Co., LTD	6903	Beijing Wuhuatianbao Glass Co., Ltd.
6621	JYC Glass Co. Ltd.	6803	Viwinco, Inc.	6904	Beijing Wuhuatianbao Glass Co., Ltd.
6622	JYC Glass Co. Ltd.	6810	Chongqing SYP Engineering Glass Co., Ltd.	6905	Beijing Wuhuatianbao Glass Co., Ltd.
6635	Integrity Glass Tempering, LLC.	6811	Chongqing SYP Engineering Glass Co., Ltd.	6906	Beijing Wuhuatianbao Glass Co., Ltd.
6636	Integrity Glass Tempering, LLC.	6812	Chongqing SYP Engineering Glass Co., Ltd.	6907	Beijing Wuhuatianbao Glass Co., Ltd.
6637	Integrity Glass Tempering, LLC.	6813	Chongqing SYP Engineering Glass Co., Ltd.	6908	Beijing Wuhuatianbao Glass Co., Ltd.
6639	Dalian Huaying Glass Limited Liability Co.	6816	Valentini Glass & Components srl	6909	Beijing Wuhuatianbao Glass Co., Ltd.
6666	Integrity Glass Tempering, LLC.	6826	Manko Window Systems- KS	6910	Beijing Wuhuatianbao Glass Co., Ltd.
6668	Beijing NorthTech Haiyangshunda Glass Ltd.	6827	Manko Window Systems- KS	6918	24 Hour Thermal Glass Insulated Ltd.
6669	Beijing NorthTech Haiyangshunda Glass Ltd.	6828	Manko Window Systems- KS	6919	24 Hour Thermal Glass Insulated Ltd.
6671	Custom Glass Products Inc.	6829	Manko Window Systems- KS	6920	24 Hour Thermal Glass Insulated Ltd.
6676	Zhejiang Jinchen Glass Co., Ltd.	6830	Manko Window Systems- KS	6921	Glasswerks GWLA- East
6684	Changshu Fardglass Co. Ltd.	6833	Manko Window Systems- KS	6922	LTI Smart Glass, Inc.
6685	Advanced Design Manufacturing	6834	Manko Window Systems- KS	6923	LTI Smart Glass, Inc.
6686	Advanced Design Manufacturing	6835	Manko Window Systems- KS	6924	LTI Smart Glass, Inc.
6688	Patriot Armored Systems, LLC	6836	Manko Window Systems- KS	6925	LTI Smart Glass, Inc.
6689	Patriot Armored Systems, LLC	6842	Cardinal CT	6926	LTI Smart Glass, Inc.
6690	Patriot Armored Systems, LLC	6845	Ningbo Xinxin Glass Technology Co., Ltd	6927	South Bay Showers, Inc.
6691	Patriot Armored Systems, LLC	6848	Xinyi Glass (Yingkou) Co., Ltd.	6928	South Bay Showers, Inc.
6698	Temp Glass Inc.	6849	Xinyi Glass (Yingkou) Co., Ltd.	6947	Shape Glass LLC.
6699	Temp Glass Inc.	6850	Xinyi Glass (Yingkou) Co., Ltd.	6962	C&C Custom Glass & Tempering, LLC
6700	Temp Glass Inc.	6851	Xinyi Glass (Yingkou) Co., Ltd.	6963	PRESS GLASS SP ZOO
6701	Temp Glass Inc.	6854	C&C Custom Glass & Tempering, LLC	6972	Bronco Industries, Inc.
6706	Glassbel Baltic	6855	C&C Custom Glass & Tempering, LLC	6973	Bronco Industries, Inc.
6707	Glassbel Baltic	6856	C&C Custom Glass & Tempering, LLC	6974	Bronco Industries, Inc.
6708	Glassbel Baltic	6857	C&C Custom Glass & Tempering, LLC	6978	Multiver Ltee
6709	Glassbel Baltic	6858	C&C Custom Glass & Tempering, LLC	6980	Multiver Ltee
6713	Glaz-Tech Industries, Inc.	6859	C&C Custom Glass & Tempering, LLC	7006	Novatech Group Inc.
6715	Tempco Glass	6860 IN	C&C Custom Glass & Tempering, LLC	7007	Novatech Group Inc.
6716	Procesadora De Jalisco S.A. DE C.V. - Queretaro	6861	C&C Custom Glass & Tempering, LLC	7008	Novatech Group Inc.
6717	Procesadora De Jalisco S.A. DE C.V. - Queretaro	6862	C&C Custom Glass & Tempering, LLC	7010 IN	Hartung Glass Industries
6718	Procesadora de Jalisco, S.A. DE C.V.	6867	CS ECO Glass (M) Sdn Bhd	7011	Hartung Glass Industries
6719	Procesadora de Jalisco, S.A. DE C.V.	6868	CS ECO Glass (M) Sdn Bhd	7012	Hartung Glass Industries
6720	Procesadora de Jalisco, S.A. DE C.V.	6869	CS ECO Glass (M) Sdn Bhd	7018	Trulite Glass and Aluminum Solutions
6723	Cardinal CG			7022	Maryland Glass & Mirror
6728	Oldcastle BuildingEnvelope®			7023	GlassFab Tempering Services, Inc.
6729	Oldcastle BuildingEnvelope®			7024	Mariani Ct. GlassFab Tempering Services Inc.
6730	Oldcastle BuildingEnvelope®			7030	Holly Drive Uniglass
6733	Northwestern Glass Fab			7031	Uniglass

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7032	Uniglass	7161	US Glass Tempering Inc.	7308	Aldora Aluminum and Glass Products, Inc.
7033	Sunfire Glass, Inc.	7165	La Tecnica Nel Vetro SpA	7309	Aldora Aluminum and Glass Products, Inc.
7036	Sunfire Glass, Inc.	7166	La Tecnica Nel Vetro SpA	7310	Aldora Aluminum and Glass Products, Inc.
7038	Sunfire Glass, Inc.	7167	La Tecnica Nel Vetro SpA	7311	Aldora Aluminum and Glass Products, Inc.
7039	Oldcastle BuildingEnvelope®	7168	La Tecnica Nel Vetro SpA	7312	ProTemp Glass, Inc.
7050	Sichuan CSG Energy Conservation Glass Co., Ltd.	7170	BKSC Glass LLC	7313	ProTemp Glass, Inc.
7051	Sichuan CSG Energy Conservation Glass Co., Ltd.	7171	BKSC Glass LLC	7314	ProTemp Glass, Inc.
7052	Sichuan CSG Energy Conservation Glass Co., Ltd.	7172	BKSC Glass LLC	7315	ProTemp Glass, Inc.
7053	Sichuan CSG Energy Conservation Glass Co., Ltd.	7173	BKSC Glass LLC	7316	ProTemp Glass, Inc.
7054	Sichuan CSG Energy Conservation Glass Co., Ltd.	7174	La Tecnica Nel Vetro SpA	7317	Cardinal CT
7055	Sichuan CSG Energy Conservation Glass Co., Ltd.	7182 IN	Fujian Chengda Glass Co., Ltd	7318	Cardinal CT
7062	Innovative Glass Products LLC	7183 IN	Fujian Chengda Glass Co., Ltd	7319	Cardinal CT
7063	Innovative Glass Products LLC	7185	Fujian Chengda Glass Co., Ltd	7320	Cardinal CT
7064	Innovative Glass Products LLC	7186	Fujian Chengda Glass Co., Ltd	7321	Cardinal CT
7065	Innovative Glass Products LLC	7187	Fujian Chengda Glass Co., Ltd	7322	Cardinal CT
7066	Yong Feng Tai Foshan City Glass Co., LTD.	7188	Fujian Chengda Glass Co., Ltd	7323	Cardinal CT
7067	Cardinal IG	7192	Compagnie de Portes Énergétique	7335	Shandong Yaohua Glass Co., Ltd.
7072	Tristar Glass, Inc.	7197	EDC (Energy Door Company)	7336	Shandong Yaohua Glass Co., Ltd.
7075	W.C.P., Inc dba West Coast Insulated Glass Products	7198	Aluminum Technology Auxiliary Industries	7337	Shandong Yaohua Glass Co., Ltd.
7076	W.C.P., Inc dba West Coast Insulated Glass Products	7227	Aluminum Technology Auxiliary Industries	7338	Shandong Yaohua Glass Co., Ltd.
7079	LTI Smart Glass, Inc.	7228	Mid-American Glass	7346	Aluminum Manufacturers Co. Ltd - ALUMATEC
7080	Tristar Glass, Inc.	7229	Mid-American Glass	7349	Southern Wholesale Glass, Inc.
7083	Vitro Architectural Glass	7230	Mid-American Glass	7350	Southern Wholesale Glass, Inc.
7085	White Aluminum Enterprises LLC	7231	Mid-American Glass	7358	Lien Yeu GLASSTECH (M) SDN BHD
7086	Trulite Glass and Aluminum Solutions	7232	Mid-American Glass	7359	Lien Yeu GLASSTECH (M) SDN BHD
7097	Integrity Glass Tempering, LLC.	7235	Inter Fonction Ltee	7360	Lien Yeu GLASSTECH (M) SDN BHD
7100	Fountain Glass Inc.	7239	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7361	Lien Yeu GLASSTECH (M) SDN BHD
7101	Fountain Glass Inc.	7240	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7362	Lien Yeu GLASSTECH (M) SDN BHD
7102	Fountain Glass Inc.	7241	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7363	Guangdong Haikong Special Glass Technology Co., Ltd.
7103	Fountain Glass Inc.	7243	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7364	Guangdong Haikong Special Glass Technology Co., Ltd.
7104	Fountain Glass Inc.	7247	Qianse Acrylic Co., LTD.	7365	Guangdong Haikong Special Glass Technology Co., Ltd.
7105	Fountain Glass Inc.	7250	Oldcastle BuildingEnvelope®	7366	Guangdong Haikong Special Glass Technology Co., Ltd.
7106	Fountain Glass Inc.	7251	Simonton Windows	7367	Guangdong Haikong Special Glass Technology Co., Ltd.
7107	View Inc.	7252	South Bay Showers, Inc.	7368	Guangdong Haikong Special Glass Technology Co., Ltd.
7108	View Inc.	7254	South Bay Showers, Inc.	7374	Advanced Impact Technologies
7110	Zibo YuRu Glass Factory	7268	Jinzhou Fortune Spring Glass Co., Ltd.	7375	Advanced Impact Technologies
7111	Vitrum Industries Ltd.	7269	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7376	Advanced Impact Technologies
7118	Vitrum Industries Ltd.	7272	Tecnovidrio S.A. de C.V.	7377	Advanced Impact Technologies
7119	Vitrum Industries Ltd.	7273	Tecnovidrio S.A. de C.V.	7378	Advanced Impact Technologies
7120	Vitrum Industries Ltd.	7274	Tecnovidrio S.A. de C.V.	7381	Vitrum Industries Ltd.
7122	Vitrum Industries Ltd.	7275	Tecnovidrio S.A. de C.V.	7382	ProTemp Glass, Inc.
7125	Zibo YuRu Glass Factory	7276	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7397	Oldcastle BuildingEnvelope® Canada Inc.
7126	Zibo YuRu Glass Factory	7277	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7398	Oldcastle BuildingEnvelope® Canada Inc.
7149 IN	Precision Glass Bending Corporation	7280	Edge Tempering	7401	Vitelsa Mosquera
7150 IN	Precision Glass Bending Corporation	7285	Tempco Glass	7410	ProTemp Glass, Inc.
7151 IN	Precision Glass Bending Corporation	7298	Glasstech Industries B.S.C.	7411	ProTemp Glass, Inc.
7152 IN	Precision Glass Bending Corporation	7299	Glasstech Industries B.S.C.	7418	Accurate Glass Products
7153 IN	Precision Glass Bending Corporation	7300	Glasstech Industries B.S.C.	7419	Accurate Glass Products
7156	US Glass Tempering Inc.	7307	Aldora Aluminum and Glass Products, Inc.	7420	Accurate Glass Products
7157	US Glass Tempering Inc.				
7159	US Glass Tempering Inc.				
7160	US Glass Tempering Inc.				

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7421	Accurate Glass Products	7552	Central Valley Glass & Screen, Inc.	7660	Mr. Glass LLC.
7424 IN	Oldcastle BuildingEnvelope®	7553	Central Valley Glass & Screen, Inc.	7662	Mr. Glass LLC.
7446	TG Taicang Architectural Glass Co. Ltd	7554	Central Valley Glass & Screen, Inc.	7670	Sierra Glass Fabrication Inc.
7447	TG Taicang Architectural Glass Co. Ltd	7555	Central Valley Glass & Screen, Inc.	7671	Mercer Glass Fab LLC
7448	TG Taicang Architectural Glass Co. Ltd	7556	Central Valley Glass & Screen, Inc.	7672	Accurate Glass Products
7449	TG Taicang Architectural Glass Co. Ltd	7562	Beijing NorthTech Haiyangshunda Glass Ltd.	7681	Qingdao Kingdom Glass Co., Ltd.
7450	TG Taicang Architectural Glass Co. Ltd			7682	M Industria S.A. DE C.V.
7463	AdvanTec	7565	Complete Line Glass Wholesalers, Inc.	7683	M Industria S.A. DE C.V.
7464	AdvanTec	7566	Complete Line Glass Wholesalers, Inc.	7684	M Industria S.A. DE C.V.
7465	AdvanTec	7567	Complete Line Glass Wholesalers, Inc.	7685	M Industria S.A. DE C.V.
7466	AdvanTec	7568	Complete Line Glass Wholesalers, Inc.	7686	M Industria S.A. DE C.V.
7467	AdvanTec	7569	Complete Line Glass Wholesalers, Inc.	7687	M Industria S.A. DE C.V.
7468	AdvanTec	7570	Complete Line Glass Wholesalers, Inc.	7693	Mr. Glass LLC.
7469	AdvanTec	7572	Complete Line Glass Wholesalers, Inc.	7695	GlassTemp, Inc.
7470	AdvanTec	7574	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7696	GlassTemp, Inc.
7471	Niskayuna Glass			7697	GlassTemp, Inc.
7472	Niskayuna Glass	7575	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7703	Wholesale Glass Dist.
7473	Niskayuna Glass			7708	M Industria S.A. DE C.V.
7477	White Aluminum Enterprises LLC	7576	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7709	M Industria S.A. DE C.V.
7478	General Glass	7577	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7712	Echols Glass and Mirror, Inc.
7481	Prelco MTL Inc.			7717	Foshan Gaoming Yaqi Toughened Glass
7482	Prelco MTL Inc.	7578	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7719	Vitelsa Mosquera
7483	Prelco MTL Inc.			7720	Vitrum Industries Ltd.
7484	Prelco MTL Inc.	7579	Stargrup Cam A.S.	7721	Vitrum Industries Ltd.
7485	Prelco MTL Inc.	7580	Trulite Glass and Aluminum Solutions	7722	Vitrum Industries Ltd.
7486	Al Andalus Glass Factory Co.	7590	Tristar Glass, Inc.	7722	Vitrum Industries Ltd.
7487	Al Andalus Glass Factory Co.	7605	Precision Glass Industries	7723	Vitrum Industries Ltd.
7491	Cardinal IG	7609	Erdem Dis Ticaret A.S.	7735	Vidrio Plano De Mexico S.A. DE C.V.
7492	Vetrodomus SpA	7610	Erdem Dis Ticaret A.S.	7736	Glaz-Tech Industries, Inc.
7493	Vetrodomus SpA	7611	Erdem Dis Ticaret A.S.	7737	Glaz-Tech Industries, Inc.
7494	Vetrodomus SpA	7622	Luoyang LandGlass Technology Co., LTD	7738	Glaz-Tech Industries, Inc.
7496	Cardinal LG Northeast	7626	D3 Glass, LLC	7739	Glaz-Tech Industries, Inc.
7497	Cardinal LG Northeast	7627	D3 Glass, LLC	7741	WHTB Glass, LLC
7498	Cardinal LG Northeast	7628	D3 Glass, LLC	7742	WHTB Glass, LLC
7499	Cardinal LG Northeast	7629	D3 Glass, LLC	7743	WHTB Glass, LLC
7500	Cardinal LG Northeast	7630	Cleer Vision Tempered Glass	7744	WHTB Glass, LLC
7509	PRESS GLASS SP ZOO	7640	Senneca Holdings Inc, (Thermoseal Brand)	7745	WHTB Glass, LLC
7510	PRESS GLASS SP ZOO			7753	Splendor Shower Door
7511	PRESS GLASS SP ZOO	7641	Senneca Holdings Inc, (Thermoseal Brand)	7754	Splendor Shower Door
7512	PRESS GLASS SP ZOO			7755	Splendor Shower Door
7513	PRESS GLASS SP ZOO	7642	Senneca Holdings Inc, (Thermoseal Brand)	7756	Splendor Shower Door
7514	PRESS GLASS SP ZOO			7757	Splendor Shower Door
7521 IN	Oldcastle BuildingEnvelope®	7643	Aldora Aluminum and Glass Products, Inc.	7758	Splendor Shower Door
7530	Vitrum Industries Ltd. (Calgary)	7644	Aldora Aluminum and Glass Products, Inc.	7759	Splendor Shower Door
7531	Vitrum Industries Ltd. (Calgary)			7761	Splendor Shower Door
7532	Vitrum Industries Ltd. (Calgary)	7645	Aldora Aluminum and Glass Products, Inc.	7768	Novavetro S.r.l.
7533	Vitrum Industries Ltd. (Calgary)			7769	Novavetro S.r.l.
7534	Vitrum Industries Ltd. (Calgary)	7646	Aldora Aluminum and Glass Products, Inc.	7770	Novavetro S.r.l.
7535	Vitrum Industries Ltd. (Calgary)			7771	Novavetro S.r.l.
7536	SAAND London	7647	Aldora Aluminum and Glass Products, Inc.	7772	Novavetro S.r.l.
7543	Clinton Glass Company ( Middlebrook Pike)	7652	Philly Glass Industry Inc.	7773	Novavetro S.r.l.
		7653	Philly Glass Industry Inc.	7784	Fujian Tider Glass Co., Ltd.
7544	Clinton Glass Company ( Middlebrook Pike)	7654	Philly Glass Industry Inc.	7785	Fujian Tider Glass Co., Ltd.
		7655	Philly Glass Industry Inc.	7786	Fujian Tider Glass Co., Ltd.
7545	Clinton Glass Company ( Middlebrook Pike)	7656 IN	Philly Glass Industry Inc.	7787	Fujian Tider Glass Co., Ltd.
		7657 IN	Philly Glass Industry Inc.	7788	Fujian Tider Glass Co., Ltd.
7549	Cardinal LG Northeast	7658	SAAND London	7789	Fujian Tider Glass Co., Ltd.
7550	Cardinal LG Northeast			7790	Vitrum Industries Ltd.
7551	Central Valley Glass & Screen, Inc.	7659	Quest USA, Inc.		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7791	Control Glass, A&S, S.L.	7897	Woodbridge Glass Distribution Inc.	8002	Guardian Fabrication, LLC
7792	Control Glass, A&S, S.L.	7898	Woodbridge Glass Distribution Inc.	8003	Guardian Fabrication, LLC
7793	Control Glass, A&S, S.L.	7899	Woodbridge Glass Distribution Inc.	8004	Guardian Fabrication, LLC
7796	GlassFab Tempering Services, Inc. Mariani Ct.	7900	Woodbridge Glass Distribution Inc.	8005	Guardian Fabrication, LLC
7797	GlassFab Tempering Services, Inc. Mariani Ct.	7901	Woodbridge Glass Distribution Inc.	8006	Guardian Fabrication, LLC
7798	GlassFab Tempering Services, Inc. Mariani Ct.	7902	Woodbridge Glass Distribution Inc.	8007	Guardian Fabrication, LLC
7799	GlassFab Tempering Services, Inc. Mariani Ct.	7903	Woodbridge Glass Distribution Inc.	8008	Guardian Fabrication, LLC
7800	Prelco Inc.	7904	Woodbridge Glass Distribution Inc.	8009	Guardian Fabrication, LLC
7807	Pulp Studio, Inc.	7905	Woodbridge Glass Distribution Inc.	8010	Guardian Fabrication, LLC
7808	Pulp Studio, Inc.	7909	Oldcastle BuildingEnvelope®	8011	Guardian Fabrication, LLC
7809	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror Press Glass Inc.	7910	Oldcastle BuildingEnvelope®	8012	Guardian Fabrication, LLC
7810	Press Glass Inc.	7911	Oldcastle BuildingEnvelope®	8013	Guardian Fabrication, LLC
7811	Press Glass Inc.	7912	Oldcastle BuildingEnvelope®	8019	Zibo YuRu Glass Factory
7812	Press Glass Inc.	7913	Oldcastle BuildingEnvelope®	8020	Zibo YuRu Glass Factory
7813	Press Glass Inc.	7914	Oldcastle BuildingEnvelope®	8023	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7814	Press Glass Inc.	7915	Oldcastle BuildingEnvelope®	8024	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7815	Press Glass Inc.	7916	Shandong Kingtom Glass Co., Ltd.	8025	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7816	Press Glass Inc.	7917	Shandong Kingtom Glass Co., Ltd.	8026	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7825	Valentini Glass & Components srl	7918	Shandong Kingtom Glass Co., Ltd.	8030	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7826	Valentini Glass & Components srl	7919	Shandong Kingtom Glass Co., Ltd.	8031	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7828	Trulite Glass and Aluminum Solutions	7920	Midwest Glass Fabricators	8032	Fujian Domoo Sanitary Ware Technology Co., Ltd.
7831	Clinton Glass Company ( Middlebrook Pike)	7923	Yildiz Cam San. Tic. A.S.	8036	Wolverine Glass Products, Inc.
7834	American Insulated Glass LLC.	7924	Yildiz Cam San. Tic. A.S.	8037	Wolverine Glass Products, Inc.
7835	American Insulated Glass LLC.	7926	Cardinal IG	8038	Lien Yeu GLASSTECH (M) SDN BHD
7836	American Insulated Glass LLC.	7935	Quaker Window Products, Inc.	8048	Intigral
7837	American Insulated Glass LLC.	7948	Xiamen Shiner Glass Co., Ltd.	8050	TEMCOR S. DE RL DE CV
7840	Dolphin Glass Specialists, LLC	7949	Xiamen Shiner Glass Co., Ltd.	8051	TEMCOR S. DE RL DE CV
7843	Patio Enclosures	7950	Xiamen Shiner Glass Co., Ltd.	8054	M Industria S.A. DE C.V.
7844	Produits Verrier International Inc.	7952	Technical Glass Company	8055	M Industria S.A. DE C.V.
7847	Oldcastle BuildingEnvelope®	7953	Technical Glass Company	8056	M Industria S.A. DE C.V.
7848	Oldcastle BuildingEnvelope®	7954	Technical Glass Company	8057	ATI Windows
7849	Oldcastle BuildingEnvelope®	7955	Technical Glass Company	8058	ATI Windows
7850	Oldcastle BuildingEnvelope®	7957	Yakut Cam A.S	8061	Lippert Components
7851	Aldora Aluminum and Glass Products, Inc.	7958	Yakut Cam A.S	8062	Lippert Components
7853	Vitralum Glass Solutions Inc.	7959	Yakut Cam A.S	8063	Zibo YuRu Glass Factory
7855	Vetzeria F. Illi Paci S.R.L.	7960	Yakut Cam A.S	8066	Maryland Glass & Mirror
7856	Vetzeria F. Illi Paci S.R.L.	7961	View Inc.	8076	Cat-I Manufacturing, Inc.
7857	Vetzeria F. Illi Paci S.R.L.	7974	Guangdong South Star Glass Limited	8077	J&Y Glass Services
7860	Pulp Studio, Inc.	7975	Guangdong South Star Glass Limited	8078	J&Y Glass Services
7868	Gin Jye Ming Glass Co., Ltd.	7976	Guangdong South Star Glass Limited	8079	J&Y Glass Services
7873	Ningbo Xinxin Glass Technology Co., Ltd	7977	Guangdong South Star Glass Limited	8085	3 Form
7874	Fujian Chengda Glass Co., Ltd	7978	Guangdong South Star Glass Limited	8086	Sfera SRL
7875	American Insulated Glass LLC.	7978	Guangdong South Star Glass Limited	8087	Sfera SRL
7876	American Insulated Glass LLC.	7980	Nashville Tempered Glass LLC	8089	Inter Fonction Ltee
7878	Trulite Glass and Aluminum Solutions	7981	Wolverine Glass Products, Inc.	8090	Sunglas Technics Co., Ltd.
7880	Templados Industriales S.A. de C.V.	7982	Wolverine Glass Products, Inc.	8091	Guardian Fabrication, LLC
7881	Templados Industriales S.A. de C.V.	7983	Wolverine Glass Products, Inc.	8098	American Insulated Glass, LLC
7889	United Plate Glass of Maryland LLC	7984	Wolverine Glass Products, Inc.	8099	American Insulated Glass, LLC
7890	United Plate Glass of Maryland LLC	7985	Wolverine Glass Products, Inc.	8100	Pingdingshan Youbo Glass Technology Co., Ltd.
7891	United Plate Glass of Maryland LLC	7986	Wolverine Glass Products, Inc.	8103	Rohden Vidros LTDA (Unidade 2)
7892	United Plate Glass of Maryland LLC	7987	Wolverine Glass Products, Inc.	8105	Vetzeria F. Illi Paci S.R.L.
7896	Woodbridge Glass Distribution Inc.	7988	Control Glass, A&S, S.L.	8106	Basco Engineered Products
		7994	Hartung Glass Industries		
		7995	ATI Windows		
		7996	US Glass Tempering Inc.		
		7998	Trulite Glass and Aluminum Solutions		
		7999	Trulite Glass and Aluminum Solutions		
		8000	PT Abebersa Pratama		
		8001	Guardian Fabrication, LLC		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8107	Vitralum Glass Solutions Inc.	8220	Stargrup Cam A.S.	8320	GlassTemp, Inc.
8116	VA Glass, LLC.	8224	G.E. Silliker & Sons Ltd.	8321	Foshan Nanhai Ruixin Glass Co., LTD.
8117	Blackline Aluminum Systems	8225	G.E. Silliker & Sons Ltd.	8322	Foshan Nanhai Ruixin Glass Co., LTD.
8118	Blackline Aluminum Systems	8226	G.E. Silliker & Sons Ltd.	8323	Foshan Nanhai Ruixin Glass Co., LTD.
8119	Blackline Aluminum Systems	8227	G.E. Silliker & Sons Ltd.	8326	Thermafix A.J. Inc.
8120	Blackline Aluminum Systems	8228	G.E. Silliker & Sons Ltd.	8327	Thermafix A.J. Inc.
8121	Laurier Architectural	8229	G.E. Silliker & Sons Ltd.	8328	Thermafix A.J. Inc.
8122	Laurier Architectural	8230	G.E. Silliker & Sons Ltd.	8329	Thermafix A.J. Inc.
8123	Laurier Architectural	8231	G.E. Silliker & Sons Ltd.	8330	Thermafix A.J. Inc.
8124	Laurier Architectural	8232	G.E. Silliker & Sons Ltd.	8342	P&C Tempered Glass, LLC.
8125	Laurier Architectural	8233	EFCO Corporation	8343	P&C Tempered Glass, LLC.
8127	Window Creations, LLC	8234	Yantai Dongfang Glass Co., Ltd	8348	Xiamen Shiner Glass Co., Ltd.
8128	Window Creations, LLC	8235	Yantai Dongfang Glass Co., Ltd	8349	Qingdao Apis Glass Industries Co. Ltd.
8129	Window Creations, LLC	8236	Yantai Dongfang Glass Co., Ltd	8350	Qingdao Apis Glass Industries Co. Ltd.
8130 IN	Window Creations, LLC	8237	Ace Safety Glass Co., Ltd.	8352	Qinhuangdao Huaguang Technology Glass Co., Ltd.
8134	Cardinal CT	8241	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8355	Shandong Taishan Huayue Glass Co., Ltd.
8137	BG Glass Technologies Inc.	8242	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8360	Fujian Tider Glass Co., Ltd.
8138	BG Glass Technologies Inc.	8243	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8361	Fujian Tider Glass Co., Ltd.
8139	BG Glass Technologies Inc.	8243	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8362	Trulite Glass and Aluminum Solutions
8140	BG Glass Technologies Inc.	8244	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8366	Fujian Tider Glass Co., Ltd.
8141	BG Glass Technologies Inc.	8244	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8367	ECO Glass Production
8142	Zhongshan Walle Glass Product Co., Ltd	8252	Norfinch Glass & Mirror Mfg. Ltd.	8369	ECO Glass Production
8143	Zhongshan Walle Glass Product Co., Ltd	8253	Norfinch Glass & Mirror Mfg. Ltd.	8370	ECO Glass Production
8144	Zhongshan Walle Glass Product Co., Ltd	8254	Norfinch Glass & Mirror Mfg. Ltd.	8370	ECO Glass Production
8151	GlassTemp, Inc.	8255	Cardinal LG	8373	Treaty City Industries Inc.
8157	Extrusiones de Aluminio, S.A.	8260	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8374 IN	Treaty City Industries Inc.
8158	Extrusiones de Aluminio, S.A.	8261	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8377	Premier Glass Products
8159	Extrusiones de Aluminio, S.A.	8262	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8378	Premier Glass Products
8165	Mirror Works Inc.	8262	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8379	Premier Glass Products
8166	Mirror Works Inc.	8263	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8380	Flat Glass Group Co., Ltd.
8168	Mirror Works Inc.	8266	Kensington Glass Arts	8381	Vidrio Plano De Mexico S.A. DE C.V.
8174	Dallas Flat Glass	8266	Kensington Glass Arts	8382	Vidrio Plano De Mexico S.A. DE C.V.
8175	LongDing Glass Production Co., Ltd.	8268	Kensington Glass Arts	8383	Vidrio Plano De Mexico S.A. DE C.V.
8176	LongDing Glass Production Co., Ltd.	8268	Kensington Glass Arts	8385	American Glass Tempering and Fabricators, Inc.
8181	W.C.P., Inc dba West Coast Insulated Glass Products	8269	Kensington Glass Arts	8387	American Glass Tempering and Fabricators, Inc.
8185	Engineered Glass Products, L.L.C.	8270	Kensington Glass Arts	8388	American Glass Tempering and Fabricators, Inc.
8188	Tacoma Glass Mfg. Inc.	8271	Kensington Glass Arts	8388	American Glass Tempering and Fabricators, Inc.
8189	Tacoma Glass Mfg. Inc.	8272	Kensington Glass Arts	8389	American Glass Tempering and Fabricators, Inc.
8190	Tacoma Glass Mfg. Inc.	8278	Renin Canada Corp.	8390 IN	American Glass Tempering and Fabricators, Inc.
8191	Trulite Glass and Aluminum Solutions	8287	Wexford Viking Glass Limited	8397	Guardian Fabrication - Hialeah Gardens
8192	Rohden Vidros LTDA (Unidade 2)	8288	Yantai Bluesky Glass Co., Ltd	8398	Guardian Fabrication - Hialeah Gardens
8198	Panoramic Doors LLC	8289	Yantai Bluesky Glass Co., Ltd	8399	Guardian Fabrication - Hialeah Gardens
8199	Intigral	8290	Yantai Bluesky Glass Co., Ltd	8400	Guardian Fabrication - Hialeah Gardens
8200	Intigral	8291	Vitrum Industries Ltd.	8402	Guardian Fabrication - Hialeah Gardens
8201	Intigral	8292	Vitrum Industries Ltd.	8404	Uniglass
8202	Intigral	8294	Industrial Tempering Glass	8406 IN	American Glass Tempering and Fabricators, Inc.
8205	Zhejiang Jinchen Glass Co., Ltd.	8302	Diamond Glass	8407	Oldcastle BuildingEnvelope®
8206	Zhejiang Jinchen Glass Co., Ltd.	8303	Diamond Glass	8408	Yorglass Cam Sanayi Ve Ticaret A.S.
8209	Zhejiang Jinchen Glass Co., Ltd.	8304	Diamond Glass	8409	Yorglass Cam Sanayi Ve Ticaret A.S.
8213	Brick Glass	8307	Double Seal Insulating Glass Ltd.	8410	Qingdao Kingdom Glass Co., Ltd.
8214	Brick Glass	8308	Double Seal Insulating Glass Ltd.	8411	Simonton Windows
8215	Brick Glass	8309	Double Seal Insulating Glass Ltd.		
8216	Qingdao Pioneer Glass Co.,Ltd.	8310	Double Seal Insulating Glass Ltd.		
8218	All Team Glass & Mirror, Ltd.	8311	Shandong Kingtom Glass Co., Ltd.		
8219	Stargrup Cam A.S.	8312	Shandong Kingtom Glass Co., Ltd.		
		8318	Renin Canada Corp.		
		8319	Renin Canada Corp.		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8414	Nissink Business Glass BV	8507	A3 Glass Fabricator LLC	8595	Ningbo Runner Industrial Corporation
8415	Nissink Business Glass BV	8512	JAR Tempering Inc.	8596	Ningbo Runner Industrial Corporation
8416	Nissink Business Glass BV	8513	JAR Tempering Inc.	8597 IN	Ningbo Runner Industrial Corporation
8417	FG Glass Industries Pvt Ltd.	8514	JAR Tempering Inc.	8598 IN	Ningbo Runner Industrial Corporation
8418	FG Glass Industries Pvt Ltd.	8515	JAR Tempering Inc.	8599	Air Master (Valmeg, LLC)
8419	FG Glass Industries Pvt Ltd.	8516	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	8600	Air Master (Valmeg, LLC)
8420	FG Glass Industries Pvt Ltd.		Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	8601	Air Master (Valmeg, LLC)
8421	FG Glass Industries Pvt Ltd.	8517	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	8602	Air Master (Valmeg, LLC)
8424	Air Master (Valmeg, LLC)		Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	8603	Acme Glass LTD.
8426	Ace Safety Glass Co., Ltd.	8518	Yitian (Cattis) Glass Product Co., Ltd	8604	Acme Glass LTD.
8428	Jubilee Company	8528	Qingdao Pioneer Glass Co.,Ltd.	8605	Acme Glass LTD.
8429	Jubilee Company	8529	Qingdao Pioneer Glass Co.,Ltd.	8606	Acme Glass LTD.
8444	Vista Glass Corporation	8530	Qingdao Pioneer Glass Co.,Ltd.	8608	Imagic Glass Inc.
8445	Vista Glass Corporation	8531	Qingdao Pioneer Glass Co.,Ltd.	8609	Imagic Glass Inc.
8446	Vista Glass Corporation	8532	Qingdao Pioneer Glass Co.,Ltd.	8610	Imagic Glass Inc.
8447	Vista Glass Corporation	8535	TEMCOR S. DE RL DE CV	8617	Fujian Domoo Sanitary Ware Technology Co., Ltd.
8448	Vista Glass Corporation	8536	Washington Glass Fabrication LLC.		Fujian Domoo Sanitary Ware Technology Co., Ltd.
8450	Opulux Glass	8537	Washington Glass Fabrication LLC.	8618	LongDing Glass Production Co., Ltd.
8451	Opulux Glass	8538	Washington Glass Fabrication LLC.	8619	Qingdao Runya Glass Products Co., LTD
8452	Opulux Glass	8540	Glass Enterprises, Inc.	8620	Press Glass, Inc.
8453	Opulux Glass	8541	Glass Enterprises, Inc.	8621	Glassfab Canada
8459	American Insulated Glass Inc.	8542	P&C Tempered Glass, LLC.	8622 IN	Glassfab Canada
8460	American Insulated Glass Inc.	8547	Multiver Ltee	8623	Rider Glass Company Limited
8461	American Insulated Glass Inc.	8548	Multiver Ltee	8625	Rider Glass Company Limited
8462	American Insulated Glass Inc.	8553	Changshu Mingyang Glass Products Co., Ltd.	8627	Foshan Gaoming Yaqi Toughened Glass
8463	American Insulated Glass Inc.		Cardinal CG	8629	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8464	Rider Glass Company Limited	8556	Kensington Glass Arts		Guangdong Rosery Bath Science and Technology Co.,Ltd.
8465	Rider Glass Company Limited	8557	Panasonic Housing Solutions Co., Ltd.	8630	The Glass Guild Ltd.
8466	Rider Glass Company Limited	8561	Premier Glass Products	8631	The Glass Guild Ltd.
8467	Rider Glass Company Limited	8562	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8632	The Glass Guild Ltd.
8470	Inter Fonction Ltee	8563	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8633	The Glass Guild Ltd.
8471	Inter Fonction Ltee		Zhaoqing CSG Energy Conservation Glass Co., Ltd	8634	The Glass Guild Ltd.
8473	TG Tianjin Glass Co., Ltd.	8564	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8635	Glassfab Canada
8474	TG Tianjin Glass Co., Ltd.	8565	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8636	Glassfab Canada
8476	3 Form		Zhaoqing CSG Energy Conservation Glass Co., Ltd	8637	Glassfab Canada
8477	3 Form	8566	Anhui Dahe Mirror Enterprise Co. LTD.	8638	Glassfab Canada
8478	Novatech Group Inc.	8570	Anhui Dahe Mirror Enterprise Co. LTD.	8640	Glassfab Canada
8480	Cardinal CT	8571	Anhui Dahe Mirror Enterprise Co. LTD.	8652	Cleer Vision Tempered Glass
8481	Cardinal CT	8572	Anhui Dahe Mirror Enterprise Co. LTD.	8653	Cleer Vision Tempered Glass
8482	Cardinal CT	8573	Anhui Dahe Mirror Enterprise Co. LTD.	8654	Cleer Vision Tempered Glass
8484	Xiamen Shiner Glass Co., Ltd.	8574	Anhui Dahe Mirror Enterprise Co. LTD.	8655	Cardinal IG
8485	Xiamen Shiner Glass Co., Ltd.	8575	Anhui Dahe Mirror Enterprise Co. LTD.	8663	Futureguard Building Products
8487	NOLA Showers, L.L.C.	8576	Trulite Glass and Aluminum Solutions	8664	Qinhuangdao Shengrui Glass Processing CO., LTD.
8488	NOLA Showers, L.L.C.	8577	Majestic Glass Inc.	8665	Thermafix A.J. Inc.
8489	Inter Fonction Ltee	8582	Majestic Glass Inc.	8666	Zhejiang Pusaisi Intelligent Glass Co., LTD
8490	Tempered Glass Industries, INC.	8583	Majestic Glass Inc.	8667	Zhejiang Pusaisi Intelligent Glass Co., LTD
8491	Tempered Glass Industries, INC.	8584	Majestic Glass Inc.	8668	Zhejiang Pusaisi Intelligent Glass Co., LTD
8493	Tempered Glass Industries, INC.	8585	Soluciones Arquitectonicas, S.A. De C.V.	8669	Zhejiang Pusaisi Intelligent Glass Co., LTD
8494	Tempered Glass Industries, INC.		Soluciones Arquitectonicas, S.A. De C.V.	8670	Patio Enclosures
8495	Zhongli Glass Co., Ltd	8586	Guangdong Honghua Glass Technology Co., LTD.	8674	Cardinal CT
8496	Zhongli Glass Co., Ltd	8587	Guangdong Honghua Glass Technology Co., LTD.	8675	Cardinal CT
8497	Zhongli Glass Co., Ltd		Guangdong Honghua Glass Technology Co., LTD.		
8498	Zhongli Glass Co., Ltd	8588	Ningbo Runner Industrial Corporation		
8500	Saudi American Glass Company	8591	Ningbo Runner Industrial Corporation		
8501	Saudi American Glass Company	8592	Ningbo Runner Industrial Corporation		
8504	Panoramic Doors LLC	8593	Ningbo Runner Industrial Corporation		
8505	Glaz-Tech Industries, Inc.	8594	Ningbo Runner Industrial Corporation		
8506	A3 Glass Fabricator LLC				

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8676	Cardinal CT	8776	ITI Glass Company	8851	Cardinal IG
8677	Yildiz Cam San. Tic. A.S.	8777	ITI Glass Company	8852	Cardinal IG
8678	Yildiz Cam San. Tic. A.S.	8778	ITI Glass Company	8853	Changshu Mingyang Glass Products Co., Ltd.
8680	Yildiz Cam San. Tic. A.S.	8780	Blue Star Glass Texas, LLC	8854	Changshu Mingyang Glass Products Co., Ltd.
8682	Xiamen Shiner Glass Co., Ltd.	8782	Glaz-Tech Industries, Inc.	8861	Tengzhou Fenghua Glass Co., LTD
8689	West Seal Ltd.(AWG Northern Dist.)	8783	Glaz-Tech Industries, Inc.	8862 IN	Innovative Glass Products LLC
8690	West Seal Ltd.(AWG Northern Dist.)	8784	Glaz-Tech Industries, Inc.	8863	Paragon Tempered Glass
8691	West Seal Ltd.(AWG Northern Dist.)	8785	Glaz-Tech Industries, Inc.	8864	Hartung Glass Industries
8692	Vision En Cristal Y Aluminio SA DE CV	8786	Glaz-Tech Industries, Inc.	8865	Hartung Glass Industries
8693	Vision En Cristal Y Aluminio SA DE CV	8787	Glaz-Tech Industries, Inc.	8866	Hartung Glass Industries
8694	Vision En Cristal Y Aluminio SA DE CV	8788	Glaz-Tech Industries, Inc.	8867	Hartung Glass Industries
8695	Foshan Douglas Glass Technology Co., LTD.	8789	Yong Feng Tai Foshan City Glass Co., LTD.	8868	Hartung Glass Industries
8696	Foshan Douglas Glass Technology Co., LTD.	8791	Aldora Aluminum and Glass Products, Inc.	8870	Cardinal CT
8697	Foshan Douglas Glass Technology Co., LTD.	8792	Aldora Aluminum and Glass Products, Inc.	8875	Rider Glass Company Limited
8702	Haojing Holdings Group Limited	8793	Aldora Aluminum and Glass Products, Inc.	8876	Rider Glass Company Limited
8703	Haojing Holdings Group Limited	8794	Aldora Aluminum and Glass Products, Inc.	8877	Rider Glass Company Limited
8704	Haojing Holdings Group Limited	8795	Aldora Aluminum and Glass Products, Inc.	8878	Senneca Holdings Inc, (Thermoseal Brand)
8705	Haojing Holdings Group Limited	8797	Jiangmen Junfa Safety Glass Co., Ltd.	8882	8044554 Canada Inc.
8706	Haojing Holdings Group Limited	8798	Trulite Glass and Aluminum Solutions	8883	8044554 Canada Inc.
8707	Haojing Holdings Group Limited	8800	Isam M. Khairi Kabbani Glass Works LLC	8884	8044554 Canada Inc.
8718	ITI Glass Company	8801	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8885	8044554 Canada Inc.
8729	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8802	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8886	8044554 Canada Inc.
8730	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8803	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8889	The Glass Factory, LLC
8731	Panasonic Housing Solutions Co., Ltd.	8804	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8890	The Glass Factory, LLC
8732	KRYSTALLA VASILIOU SA (VASGLASS)	8806	General Glass	8891	The Glass Factory, LLC
8733	KRYSTALLA VASILIOU SA (VASGLASS)	8808	Whalley Glass Co	8892	Glaz-Tech Industries, Inc.
8734	KRYSTALLA VASILIOU SA (VASGLASS)	8815	ArcTech Glass Ltd.	8894	Industrial Tempering Glass
8735	KRYSTALLA VASILIOU SA (VASGLASS)	8818	Aurora Windows and Doors	8897	Blue Star Glass Texas, LLC
8736	KRYSTALLA VASILIOU SA (VASGLASS)	8819	Aurora Windows and Doors	8898	Blue Star Glass Texas, LLC
8738	KRYSTALLA VASILIOU SA (VASGLASS)	8820	Aurora Windows and Doors	8900	American Insulated Glass LLC.
8743	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	8821	Aurora Windows and Doors	8901	American Insulated Glass LLC.
8744	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	8828	Ningbo Xinxin Glass Technology Co., Ltd	8902	American Insulated Glass LLC.
8745	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	8829	Accurate Glass Products	8903	American Insulated Glass LLC.
8746	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	8830	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8904	American Insulated Glass LLC.
8747	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	8831	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8905	American Insulated Glass LLC.
8757	Arino Duglass	8832	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8906	American Insulated Glass LLC.
8758	Arino Duglass	8833	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8907	American Insulated Glass LLC.
8759	Arino Duglass	8837	Premier Glass Products	8908	American Insulated Glass LLC.
8762	Thompson I.G. LLC.	8838	Premier Glass Products	8911	Advantage Glass Corp
8763	Thompson I.G. LLC.	8839	Premier Glass Products	8912	Advantage Glass Corp
8766	Changshu Mingyang Glass Products Co., Ltd.	8840	Northwestern Glass Fab	8913	Advantage Glass Corp
8767	Changshu Mingyang Glass Products Co., Ltd.	8844	ITI Glass Company	8914	Quality Glass & Mirror, Inc.
8769	Vetriko S.A.	8846	Cardinal IG	8915	Quality Glass & Mirror, Inc.
8770	Vetriko S.A.	8847	Cardinal IG	8916	Quality Glass & Mirror, Inc.
8771	Vetriko S.A.	8848	Cardinal IG	8917	Quality Glass & Mirror, Inc.
		8849	Cardinal IG	8918	Quality Glass & Mirror, Inc.
		8850	Cardinal IG	8921	Cardinal IG
				8922	Milkana OOD
				8923	Milkana OOD
				8924	Milkana OOD
				8925	Milkana OOD
				8926	Making Glass North America Inc.
				8927	Making Glass North America Inc.
				8928	Manko Window Systems- KS
				8932	KAMRI Investments Limited
				8933	KAMRI Investments Limited



*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8934	KAMRI Investments Limited	9022	Yin Fu (Dong Guan) Glass Co., Ltd.	9105	Jasan Fabricated Glass, Inc.
8938 IN	Fujian Domoo Sanitary Ware Technology Co., Ltd.	9023	Yin Fu (Dong Guan) Glass Co., Ltd.	9106	Jasan Fabricated Glass, Inc.
8939	J.C. Moag Corporation	9024	Yin Fu (Dong Guan) Glass Co., Ltd.	9107 IN	Jasan Fabricated Glass, Inc.
8940	J.C. Moag Corporation	9025	Yin Fu (Dong Guan) Glass Co., Ltd.	9112	Yin Fu (Dong Guan) Glass Co., Ltd.
8941	J.C. Moag Corporation	9026	Yin Fu (Dong Guan) Glass Co., Ltd.	9113	Hebi HaanGlas Co., Ltd
8942	J.C. Moag Corporation	9027	Yin Fu (Dong Guan) Glass Co., Ltd.	9114	Hebi HaanGlas Co., Ltd
8944	Huahui Glass (China) Co., Ltd.	9028	Yin Fu (Dong Guan) Glass Co., Ltd.	9115	Hebi HaanGlas Co., Ltd
8945	Huahui Glass (China) Co., Ltd.	9029	Yin Fu (Dong Guan) Glass Co., Ltd.	9116	Hebi HaanGlas Co., Ltd
8946	Huahui Glass (China) Co., Ltd.	9033	Making Glass North America Inc.	9117	Eko-Okna S.A.
8947	Huahui Glass (China) Co., Ltd.	9034	Making Glass North America Inc.	9118	Eko-Okna S.A.
8951	M Industria S.A. DE C.V.	9035	Making Glass North America Inc.	9119	Eko-Okna S.A.
8952	M Industria S.A. DE C.V.	9036	Sunglas Technics Co., Ltd.	9120	Eko-Okna S.A.
8954	M3 Glass Technologies	9045	Mitrex Inc.	9121	Eko-Okna S.A.
8961	Trulite Glass and Aluminum Solutions	9046	QinHuangDao Tianrui Tempered Technology Glass Co.	9123	Zhejiang Pusaisi Intelligent Glass Co., LTD
8962	Dost Cam Sanayi ve Ticaret A.S.	9049	Shanghai Jiajie Glass Co., Ltd.	9126	ShanDong HaanGlas Co., LTD
8963	Dost Cam Sanayi ve Ticaret A.S.	9050	Shanghai Jiajie Glass Co., Ltd.	9127	California Safety Glass S.A. de C.V.
8966	Templados Del Centro SA DE C.V.	9051	Shanghai Jiajie Glass Co., Ltd.	9128	California Safety Glass S.A. de C.V.
8967	Templados Del Centro SA DE C.V.	9052	Shanghai Jiajie Glass Co., Ltd.	9129	California Safety Glass S.A. de C.V.
8968	Templados Del Centro SA DE C.V.	9060	GlassecViracon	9130	California Safety Glass S.A. de C.V.
8969	Cardinal CT	9061	GlassecViracon	9134	Vitrum Industries Ltd. (Calgary)
8970 IN	Central Florida Glass & Mirror, Inc	9062	GlassecViracon	9135	Vitrum Industries Ltd. (Calgary)
8971	Central Florida Glass & Mirror, Inc	9065	Vitre-Art C.A.B. (1988) Inc.	9138	Aluminum Window Designs LTD
8972	Central Florida Glass & Mirror, Inc	9066	Vitre-Art C.A.B. (1988) Inc.	9139	Aluminum Window Designs LTD
8973 IN	Central Florida Glass & Mirror, Inc	9067	Vitre-Art C.A.B. (1988) Inc.	9140	Aluminum Window Designs LTD
8976	Dost Cam Sanayi ve Ticaret A.S.	9073	Qingdao Apis Glass Industries Co. Ltd.	9141	Aluminum Window Designs LTD
8977	Dost Cam Sanayi ve Ticaret A.S.	9074	Qingdao Apis Glass Industries Co. Ltd.	9142	Ardic Cam Sanayi A.S.
8978	Dost Cam Sanayi ve Ticaret A.S.	9075	Classy Glass Specialties Technology Co., Ltd	9143	Ardic Cam Sanayi A.S.
8979	Tempered Glass Industries, INC.		Classy Glass Specialties Technology Co., Ltd	9144	Ardic Cam Sanayi A.S.
8980	Tempered Glass Industries, INC.	9076	Classy Glass Specialties Technology Co., Ltd	9145	Ardic Cam Sanayi A.S.
8983	Safti First	9077	Classy Glass Specialties Technology Co., Ltd	9147	Tristar Glass, Inc.
8984	Safti First		Templados Del Centro SA DE C.V.	9149	M & F Home Solutions LLC.
8985	Safti First	9079	Templados Del Centro SA DE C.V.	9150	M & F Home Solutions LLC.
8986	Safti First	9080	TG Tianjin Glass Co., Ltd.	9151	Cardinal CT
8992	Precision Glass Industries	9081	Przedsiębiorstwo Prywatne Rezal	9153	US Glass Depot LLC
8993	BG Glass Technologies Inc.	9082	Przedsiębiorstwo Prywatne Rezal	9154	US Glass Depot LLC
8994	Vidplex Universal S.AS	9083	Przedsiębiorstwo Prywatne Rezal	9155	US Glass Depot LLC
8995	Vidplex Universal S.AS	9084	Przedsiębiorstwo Prywatne Rezal	9156	US Glass Depot LLC
8996	Vidplex Universal S.AS	9086	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9163	Whalley Glass Co
9001	Glass Group & Seal Inc		Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9174	Perficom S.A. DE C.V.
9002	Glass Group & Seal Inc	9087	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9175	Syracuse Glass Company, LLC
9003	Glass Group & Seal Inc		Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9176	Syracuse Glass Company, LLC
9004	ArcTech Glass Ltd.	9088	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9177	Syracuse Glass Company, LLC
9005	ArcTech Glass Ltd.		Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9183	United Plate Glass of Maryland LLC
9006	ArcTech Glass Ltd.	9089	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9184	United Plate Glass of Maryland LLC
9007	Glass Insulators Inc.		Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9185	Perficom S.A. DE C.V.
9008	Glass Insulators Inc.	9090	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9189	Sky Land Glass Corp.
9009	Glass Insulators Inc.		Syracuse Glass Company, LLC	9190	Sky Land Glass Corp.
9010	Glass Insulators Inc.	9092	Syracuse Glass Company, LLC	9191	Sky Land Glass Corp.
9011	Specialty Glass Products	9093	Insulite Glass Co., Inc.	9192	Sky Land Glass Corp.
9012	Specialty Glass Products	9100	Mr. Glass LLC.	9193 IN	Sky Land Glass Corp.
9013	Specialty Glass Products	9101	Jasan Fabricated Glass, Inc.	9194 IN	Sky Land Glass Corp.
9014	Specialty Glass Products	9102	Jasan Fabricated Glass, Inc.	9195	QinHuangDao Tianrui Tempered Technology Glass Co.
9015	Specialty Glass Products	9103	Jasan Fabricated Glass, Inc.	9196	Beijing NorthTech Haiyangshunda Glass Ltd.
9018	Yin Fu (Dong Guan) Glass Co., Ltd.	9104	Jasan Fabricated Glass, Inc.	9200	Glass Insulators Inc.
9019	Yin Fu (Dong Guan) Glass Co., Ltd.			9203	Garibaldi Glass Ind. Inc.
9020	Yin Fu (Dong Guan) Glass Co., Ltd.				
9021	Yin Fu (Dong Guan) Glass Co., Ltd.				

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9205	Guangdong Xeyoung Glass Technology Co., Ltd	9264	Minneapolis Glass Company	9688	Templex USA
9206	Guangdong Xeyoung Glass Technology Co., Ltd	9265	Minneapolis Glass Company	9689	Templex USA
9207	Guangdong Xeyoung Glass Technology Co., Ltd	9266	McGrory Glass	9691	Minneapolis Glass Company
9208	Guangdong Xeyoung Glass Technology Co., Ltd	9267	Cardinal CT	9696	Zhongshan Shengchang Glass Product Ltd.
9210	Imperial Tempered Glass, LLC	9268	Cardinal CT	9697	Zhongshan Shengchang Glass Product Ltd.
9211	Imperial Tempered Glass, LLC	9270	Industries Vanier Inc.	9698	Zhongshan Shengchang Glass Product Ltd.
9212	Imperial Tempered Glass, LLC	9271	Industries Vanier Inc.	9699	BOJAR SP z.o.o.
9215	Citywide Glass Services	9272	Industries Vanier Inc.	9700	BOJAR SP z.o.o.
9216	Citywide Glass Services	9273	Industries Vanier Inc.	9701	BOJAR SP z.o.o.
9217	Citywide Glass Services	9274	Industries Vanier Inc.	9703	SC Olin S.R.L.
9218	Citywide Glass Services	9275	Industries Vanier Inc.	9704	SC Olin S.R.L.
9219	Tristar Glass, Inc.	9276	M & F Home Solutions LLC.	9705	8044554 Canada Inc.
9220	Tristar Glass, Inc.	9277	Verre Select Inc.	9715	Tristar Glass, Inc.
9221	Glass Enterprises, Inc.	9278	Verre Select Inc.	9717	Star Glass Tempering LLC
9222	Denver Glass Interiors, Inc.	9279	Verre Select Inc.	9718	Star Glass Tempering LLC
9227	United Plate Glass Co., Inc.	9280	Verre Select Inc.	9719	Star Glass Tempering LLC
9228	Trulite Glass and Aluminum Solutions	9281	Verre Select Inc.	9720	Cardinal IG
9229	Werkman (Shandong) Vacuum Glass Technology Co., Ltd.	9282	Verre Select Inc.	9722	Jiangmen Junfa Safety Glass Co., Ltd.
9232	Guang Dong Kibing Energy Saving Glass Co., LTD	9283	Cardinal CG	9723	Jiangmen Junfa Safety Glass Co., Ltd.
9233	Guang Dong Kibing Energy Saving Glass Co., LTD	9284	Washington Glass Fabrication LLC.	9726	Glaz-Tech Industries, Inc.
9234	Guang Dong Kibing Energy Saving Glass Co., LTD	9285	Washington Glass Fabrication LLC.	9728	Oldcastle BuildingEnvelope®
9235	Guang Dong Kibing Energy Saving Glass Co., LTD	9288	Changshu Mingyang Glass Products Co., Ltd.	9729	Jiangxi Shouhua Building Materials Co., Ltd
9236	Guang Dong Kibing Energy Saving Glass Co., LTD	9289	LuxWall, Inc.	9730	Jiangxi Shouhua Building Materials Co., Ltd
9237	Guang Dong Kibing Energy Saving Glass Co., LTD	9290	LuxWall, Inc.	9731	Jiangxi Shouhua Building Materials Co., Ltd
9238	Guang Dong Kibing Energy Saving Glass Co., LTD	9291	Tacoma Glass Mfg. Inc.	9732	Jiangxi Shouhua Building Materials Co., Ltd
9240	Beijing Guanhua Dongfang Glass Technology Co. Ltd	9292	Tacoma Glass Mfg. Inc.	9733	Jiangxi Shouhua Building Materials Co., Ltd
9241	United Plate Glass Co., Inc.	9293	Tacoma Glass Mfg. Inc.	9734	Jiangxi Shouhua Building Materials Co., Ltd
9242	Citywide Glass Services	9294	Zhongshan Xinghe Glass Co., Ltd.	9740	Qingdao Chinastar Glass CO., Ltd.
9243	Al Cam Sanayi ve Ticaret Limited Sirketi	9295	Zhongshan Xinghe Glass Co., Ltd.	9743	Nanjing Feitian Varo Glass Product Co., Ltd.
9244	Al Cam Sanayi ve Ticaret Limited Sirketi	9296	Zhongshan Xinghe Glass Co., Ltd.	9744	Hebi Leadus Special Glass Manufacturing Co., Ltd.
9249	Shandong Blue Glass Technology Co., Ltd.	9301	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9745	W-M Glass sp. zo.o.
9251	Saban Acikgoz Ins Malz San Tic AS	9302	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9746	W-M Glass sp. zo.o.
9252	Saban Acikgoz Ins Malz San Tic AS	9303	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9747	Agsitech Advanced Materials Corporation Limited
9253	Saban Acikgoz Ins Malz San Tic AS	9304	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9748	Agsitech Advanced Materials Corporation Limited
9254	Saban Acikgoz Ins Malz San Tic AS	9425	Glass Enterprise Northeast	9749	Agsitech Advanced Materials Corporation Limited
9255	Saban Acikgoz Ins Malz San Tic AS	9426	Glass Enterprise Northeast	9750	Agsitech Advanced Materials Corporation Limited
9256	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9427	Glass Enterprise Northeast	9752	Future Glass (China) Limited
9257	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9670	West Seal Ltd.(AWG Northern Dist.)	9753	Future Glass (China) Limited
9258	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9671	West Seal Ltd.(AWG Northern Dist.)	9754	Future Glass (China) Limited
9259	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9672	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd.	9755	Future Glass (China) Limited
9260	Minneapolis Glass Company	9673	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9757	Crystal Glass International SDN BHD
9261	Minneapolis Glass Company	9674	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9758	Crystal Glass International SDN BHD
9262	Minneapolis Glass Company	9675	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9759	Crystal Glass International SDN BHD
9263	Minneapolis Glass Company	9676	Viewrail	9760	Crystal Glass International SDN BHD
		9677	Guangdong Honghua Glass Technology Co., LTD.	9761	Crystal Glass International SDN BHD
		9682	Shandong Wensheng Glass Technology Co., Ltd.	9762	Crystal Glass International SDN BHD
		9683	Shandong Wensheng Glass Technology Co., Ltd.	9763	Triple Diamond Glass LLC (a PGT Innovations Company)
		9686	Suzhou Yunyao Glass Co., Ltd.		
		9687	Templex USA		

*Certified Products-Numerical Sequence-Tempered/Other*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9764	Triple Diamond Glass LLC (a PGT Innovations Company)	9838	Foshan Gaoming Yaqi Toughened Glass	9906	Elivate Mexico Supply S. de R.L. de C.V.
9765	G.E. Silliker & Sons Ltd.	9839	Foshan Gaoming Yaqi Toughened Glass	9907	ODL, Inc.
9767	Cat-I Manufacturing, Inc.	9840	Foshan Gaoming Yaqi Toughened Glass	9908	ODL, Inc.
9768	Cat-I Manufacturing, Inc.	9841	Simonton Windows	9915	Cardinal LG
9769	Viewrail	9842	Glass Group & Seal Inc	9916	Cardinal LG
9770	Hangzhou Huijing Glass Co., Ltd.	9843	Shandong Jinjing Science & Technology Stock Co., Ltd.	9918	Cardinal LG
9771	Hangzhou Huijing Glass Co., Ltd.	9844	Shandong Jinjing Science & Technology Stock Co., Ltd.	9919	Cardinal LG
9772	Hangzhou Huijing Glass Co., Ltd.	9845	Shandong Jinjing Science & Technology Stock Co., Ltd.	9920	Cardinal LG
9773	Shandong Xingguan Glass Technology Co., Ltd.	9848	Minneapolis Glass Company	9921	Huahui Glass (China) Co., Ltd.
9774	Shandong Xingguan Glass Technology Co., Ltd.	9849	Gardner Glass Products Inc.	9931	Foshan Nanhai Ruixin Glass Co., LTD.
9776	Tengzhou Fenghua Glass Co., LTD	9850	Gardner Glass Products Inc.	9932	Euroglas-De Landtsheer NV
9777	Tengzhou Fenghua Glass Co., LTD	9851	Gardner Glass Products Inc.	9933	Euroglas-De Landtsheer NV
9778	Transparent Design S.R.L.	9852	Gardner Glass Products Inc.	9934	M-Power Glass Ltd.
9779	Transparent Design S.R.L.	9853	Cardinal CG	9936	Elivate Mexico Supply S. de R.L. de C.V.
9780	Transparent Design S.R.L.	9854	Ningbo Walron Special Glass Co. Ltd	9937	Elivate Mexico Supply S. de R.L. de C.V.
9781	Transparent Design S.R.L.	9855	Ningbo Walron Special Glass Co. Ltd	9938	Elivate Mexico Supply S. de R.L. de C.V.
9782	Transparent Design S.R.L.	9856	Ningbo Walron Special Glass Co. Ltd	9939	Elivate Mexico Supply S. de R.L. de C.V.
9783	Transparent Design S.R.L.	9857	Northwest Glass Manufacturing Inc.	9943	Sunglas Technics Co., Ltd.
9784	Transparent Design S.R.L.	9858	Northwest Glass Manufacturing Inc.	9947	Xuancheng Mingyang Glass Technology Co., Ltd.
9786	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd.	9859	Northwest Glass Manufacturing Inc.	9948	Xuancheng Mingyang Glass Technology Co., Ltd.
9787	Therval	9860	Northwest Glass Manufacturing Inc.	9949	Xuancheng Mingyang Glass Technology Co., Ltd.
9788	Therval	9861	Northwest Glass Manufacturing Inc.	9950	Xuancheng Mingyang Glass Technology Co., Ltd.
9789	Therval	9862	Przedsiębiorstwo Prywatne Rezal	9951	Xuancheng Mingyang Glass Technology Co., Ltd.
9790	Therval	9863	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.	9952	Xuancheng Mingyang Glass Technology Co., Ltd.
9792	Vista Glass Corporation	9864	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.	9955	Xuancheng Mingyang Glass Technology Co., Ltd.
9793	Cagdas Cam San. TIC. A.S.	9865	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.	9956	Xuancheng Mingyang Glass Technology Co., Ltd.
9794	Cagdas Cam San. TIC. A.S.	9866	Integral Seal Mfg. Inc.	9958	Huahui Glass (China) Co., Ltd.
9795	Minneapolis Glass Company	9867	Tecnovidrio S.A. de C.V.	9959	Huahui Glass (China) Co., Ltd.
9796	Minneapolis Glass Company	9868	Tecnovidrio S.A. de C.V.	9960	Huahui Glass (China) Co., Ltd.
9797	Etalum	9869	Qinhuangdao Entrylite Technology Co.,Ltd.	9962	Guangdong South Star Glass Limited
9798	Etalum	9870	Qinhuangdao Entrylite Technology Co.,Ltd.	9963	Guangdong South Star Glass Limited
9801	Bel Pre Glassworks Inc.	9871	Qinhuangdao Entrylite Technology Co.,Ltd.	9964	Guangdong South Star Glass Limited
9802	Tempion Tempering Glass LLC.	9872	Qinhuangdao Entrylite Technology Co.,Ltd.	9965	Guangdong South Star Glass Limited
9803	Tempion Tempering Glass LLC.	9882	Central Valley Glass & Screen, Inc.		
9804	Tempion Tempering Glass LLC.	9883	Central Valley Glass & Screen, Inc.		
9805	Tempion Tempering Glass LLC.	9884	Central Valley Glass & Screen, Inc.		
9806	Basco - Grand Haven	9885	Central Valley Glass & Screen, Inc.		
9807	Basco - Grand Haven	9886	Central Valley Glass & Screen, Inc.		
9808	Basco - Grand Haven	9887	M-Power Glass Ltd.		
9809	Basco - Grand Haven	9888	M-Power Glass Ltd.		
9810	Basco - Grand Haven	9889	M-Power Glass Ltd.		
9811	Basco - Grand Haven	9890	Magic Mirror and Shower Enclosures Inc.		
9812	Basco - Grand Haven	9891	Magic Mirror and Shower Enclosures Inc.		
9813	Basco - Grand Haven	9892	Magic Mirror and Shower Enclosures Inc.		
9814	Basco - Grand Haven	9893	Magic Mirror and Shower Enclosures Inc.		
9815	Basco - Grand Haven	9901	ArcTech Glass Ltd.		
9816	Basco - Grand Haven	9905	Al Qasr Glass Industrial Company		
9819	Trulite Glass & Aluminum Solutions Canada, ULC				
9825	Mr. Glass LLC.				
9832	All Glass (Suqian) Holding Co., Ltd.				
9833	All Glass (Suqian) Holding Co., Ltd.				
9834	All Glass (Suqian) Holding Co., Ltd.				
9835	Qinhuangdao Qicaishi Glass Processing Co., Ltd.				

*Certified Products-Alphabetical By Plant-Laminated*

<i>SGCC #</i>	<i>TEST STD</i>	<i>MIN CONFIGURATION</i>	<i>MAX CONFIGURATION</i>	<i>TYPE</i>	<i>KIND</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>
<b>3 Form ; Kernersville, NC:</b>							
9572	COMP+CAN	3,3-0.76(ev)	3,3-0.76(ev)	LSG	AN	U	A
9660	COMP+CAN	4,4-3.048(ev)	4,4-3.048(ev)	LSG	AN	U	A
9661	COMP+CAN	8,8-3.81(ev)	8+,8+-3.81(ev)	LSG	AN	U	A
9820	COMP+CAN	3,3-1.905(u)	3,3-1.905(u)	LSG	AN	U	A
9821	COMP+CAN	6,6-1.52(u)	6,6-1.52(u)	LSG	AN	U	A
9822	COMP+CAN	3,3-2.921(u)	8+,8+-2.921(u)	LSG	AN	U	A
<b>A.N. ALODAN &amp; SONS CO. GLASS &amp; ALUMINIUM FACTORY ; Riyadh, Saudi Arabia:</b>							
9319	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
<b>A3 Glass Fabricator LLC ; Houston, TX:</b>							
9702	COMPOSITE	6,6-1.905(ev)	6,6-1.905(ev)	LSG	AN	U	A
<b>Accurate Glass Products ; Barrie, Ontario:</b>							
9669	COMP+CAN	4,4-1.52(ev)	8+,8+-1.52(ev)	LSG	HS	U	A
<b>Advanced Impact Technologies ; Largo, FL:</b>							
9645	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>AdvanTec ; Chilliwack, British Columbia:</b>							
9325	COMP+CAN	4,4-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
<b>AGNORA LTD ; Collingwood, Ontario:</b>							
9420	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Agsitech Advanced Materials Corporation Limited ; Zhaoqing, Guangdong Province:</b>							
9751	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico:</b>							
9658	COMPOSITE	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
9659	COMPOSITE	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
<b>Al Abbar Architectural Glass ; Dubai, United Arab Emirates:</b>							
9316	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia:</b>							
9317	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
<b>Al Cam Sanayi ve Ticaret Limited Sirketi ; Istanbul, Sancaktepe:</b>							
9245	COMP+CAN	8,8-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
<b>Aldora Aluminum and Glass Products Inc. ; Charleston, SC:</b>							
9310	COMPOSITE	3,3-1.52(lu)	3,3-1.52(lu)	LSG	AN	U	A
<b>Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:</b>							
9308	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
9309	COMPOSITE	3,3-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
<b>Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:</b>							
9313	COMPOSITE	3,3-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9314	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
<b>All Team Glass &amp; Mirror, Ltd. ; Woodbridge, Ontario:</b>							
9727	COMP+CAN	5,5-1.52(ev)	6,6-1.52(ev)	LSG	AN	U	A
<b>Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia:</b>							
9318	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>AntCam Cam Pazarlama San. Ve Tic. A.S. ; Antalya, Dosemealti:</b>							
9311	COMPOSITE	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9312	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:</b>							
9657	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
<b>Arino Duglass ; Zaragoza, Spain:</b>							
9347	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9348	COMP+CAN	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A

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<b>ATI Windows ; Riverside, CA:</b>							
9323	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9324	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Basco - Grand Haven ; Grand Haven, MI:</b>							
9817	COMP+CAN	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Beijing NorthTech Haiyangshunda Glass Ltd. ; Daxing District, Beijing:</b>							
9326	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9327	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	HS	U	A
<b>Beijing Wuhuatanbao Glass Co., Ltd. ; Beijing, Shunyi District:</b>							
9328	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9329	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Brick Glass ; Houston, TX:</b>							
9823	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9824	COMPOSITE	3,3-1.14(ip)	8+,8+-1.14(ip)	LSG	AN	U	A
<b>Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S. ; Bergama/Izmir:</b>							
9866	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
<b>Captivision Korea, Inc. ; Pyeongtaek-si, Gyeonggi-do:</b>							
9451	COMP+CAN	4,4-2.997(lu)	4,4-2.997(lu)	LSG	AN	U	B
<b>Cardinal LG ; Amery, WI:</b>							
9610	COMP+CAN	2,5,2,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9612	COMP+CAN	2,5,2,5-0.38(b)	3,3-0.38(b)	LSG	AN	U	B
9613	COMP+CAN	2,5,2,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Cardinal LG ; Ocala, FL:</b>							
9508	COMPOSITE	2,5,2,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9509	COMPOSITE	2,5,2,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Cardinal LG ; Statesboro, GA:</b>							
9622	COMP+CAN	2,5,2,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9623	COMP+CAN	2,5,2,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Cardinal LG Northeast ; Jessup, PA:</b>							
9433	COMP+CAN	2,5,2,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9434	COMP+CAN	2,5,2,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Carey Glass UC ; Nenagh, Co. Tipperary:</b>							
9410	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
9415	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu:</b>							
9336	COMP+CAN	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
<b>Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing:</b>							
9338	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9339	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya:</b>							
9340	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
<b>Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province:</b>							
9335	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Coastal Curved Glass ; Pitt Meadows, British Columbia:</b>							
9165	COMP+CAN	6,6-0.75(b)	8+,8+-0.75(b)	LSG	AN	U	A
<b>Comercial Dialum SA ; Lampa, Santiago:</b>							
9436	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9437	COMPOSITE	2,7,2,7-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
<b>Consolidated Glass Corp. ; New Castle, PA:</b>							
9438	COMPOSITE	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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<b>Control Glass, A&amp;S, S.L. ; Teruel, Spain:</b>							
9333	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9334	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Crystal Glass International SDN BHD ; Shah Alam, Selangor:</b>							
9756	COMPOSITE	2,7,2,7-0.76(b)	2,7,2,7-0.76(b)	LSG	AN	U	A
<b>Curved Glass Creations, LLC ; Pompano Beach, FL:</b>							
9337	COMPOSITE	5,5-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
<b>D3 Glass, LLC ; Fort Myers, FL:</b>							
9441	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9442	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Denver Glass Interiors, Inc. ; Englewood, CO:</b>							
9447	COMPOSITE	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9448	COMPOSITE	5,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Diamond Glass ; Dublin, Ireland:</b>							
9465	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9466	COMP+CAN	4,4-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
<b>Dillmeier Enterprise, Inc. ; Van Buren, AR:</b>							
9380	COMP+CAN	3,3-0.38(ev)	5,5-0.38(ev)	LSG	FT	U	A
9394	COMP+CAN	5,5-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	B
9395	COMP+CAN	5,5-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
9528	COMP+CAN	5,5-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
<b>Dolphin Glass Specialists, LLC ; Miami Gardens, FL:</b>							
9555	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province:</b>							
9472	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Dost Cam Sanayi ve Ticaret A.S. ; Cigli, Izmir:</b>							
9490	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9492	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Downey Glass ; Pompano Beach, FL:</b>							
9501	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>ECO Glass Production ; Medley, FL:</b>							
9558	COMP+CAN	2,7,2,7-1.27(ip)	3,5-1.27(ip)	LSG	AN	U	A
9561	COMP+CAN	3,3-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
9562	COMP+CAN	3,3-1.14(b)	3,3-1.14(b)	LSG	AN	U	A
<b>Eliate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California:</b>							
9940	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
9941	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
<b>Erdem Dis Ticaret A.S. ; Pendik, Istanbul:</b>							
9421	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Etalum ; Bucaramanga, Santander:</b>							
9799	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	HS	U	A
9800	COMP+CAN	5,5-2.286(b)	6,6-2.286(b)	LSG	HS	U	A
<b>Excel Glass Systems ; Carrollton, TX:</b>							
9489	COMPOSITE	3,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Express Impact Manufacturing ; Medley, FL:</b>							
9487	COMPOSITE	3,3-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
<b>Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia:</b>							
9570	COMPOSITE	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9571	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Fairis C.A. ; Ambato, Tungurahua:</b>							
9446	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A

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<b>FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra:</b>							
9422	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9423	COMP+CAN	8,8-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
<b>Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang:</b>							
9449	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A
<b>Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province:</b>							
9450	COMP+CAN	6,6-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
<b>G.E. Silliker &amp; Sons Ltd. ; Borden-Carleton, Prince Edward Island:</b>							
9828	COMP+CAN	4,4-0.76(ev)	6,6-0.76(ev)	LSG	FT	U	A
9829	COMP+CAN	4,4-0.89(ip)	6,6-0.89(ip)	LSG	FT	U	A
<b>Galaxy Glass &amp; Stone ; Fairfield, NJ:</b>							
9529	COMP+CAN	4,3-1.52(lu)	8+,8+-1.52(lu)	LSG	AN	U	A
9530	COMP+CAN	4,3-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
<b>Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia:</b>							
9559	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9560	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County:</b>							
9716	COMP+CAN	2,7,2,7-0.76(b)	2,7,2,7-0.76(b)	LSG	AN	U	A
<b>GLASPRO ; Santa Fe Springs, CA:</b>							
9542	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Glass and Mirror Craft ; Wixom, MI:</b>							
9514	COMP+CAN	6,6-1.52(ev)	6,6-1.52(ev)	LSG	AN	U	A
9515	COMP+CAN	6,6-0.89(ip)	8+,6-0.89(ip)	LSG	AN	U	A
<b>Glass Laminate Solutions ; Hialeah, FL:</b>							
9543	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	B
<b>Glassbel Baltic ; Klaipeda, Lithuania:</b>							
9643	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9644	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>GlasseCviracon ; Nazare Paulista, Sao Paulo:</b>							
9452	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9453	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>GlassFab Tempering Services, Inc. Linne Road ; Tracy, CA:</b>							
9544	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9545	COMPOSITE	6,6-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
<b>Glasstech Industries B.S.C. ; Hidd, Manama:</b>							
9454	COMPOSITE	4,4-0.89(b)	8+,8+-0.89(b)	LSG	AN	U	A
<b>Glasswerks GWLA- East ; South Gate, CA:</b>							
9548	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9549	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Glenny Glass Co. ; Milford, OH:</b>							
9695	COMPOSITE	3,3-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
<b>Global Security Glazing ; Selma, AL:</b>							
9550	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
9551	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
<b>GnT Glass Co., Ltd. ; Dongguan, Guangdong Province:</b>							
9455	COMP+CAN	5,5-1.52(b)	6,8+-1.52(b)	LSG	FT	U	A
9456	COMP+CAN	4,4-1.52(ip)	4,4-1.52(ip)	LSG	FT	U	A
<b>Guang Dong Kibing Energy Saving Glass Co., LTD ; Heyuan City, Guangdong Province:</b>							
9239	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province:</b>							
9458	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A

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9459	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province:</b>							
9680	COMP+CAN	5,5-1.14(b)	8+,8+-1.14(b)	LSG	AN	U	A
<b>Guangdong South Star Glass Limited ; Foshan, Guangdong Province:</b>							
9460	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	FT	U	A
<b>Guangdong Xeyoung Glass Technology Co., Ltd ; Huizhou, Guangdong Province:</b>							
9209	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:</b>							
9604	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9605	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Guardian Fabrication, LLC ; Galax, VA:</b>							
9554	COMP+CAN	2,7,2,7-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
<b>Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:</b>							
9461	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Haojing Holdings Group Limited ; Nantong, Haimen:</b>							
9476	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	FT	U	A
9477	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
9478	COMP+CAN	4,4-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
<b>Ilumimex S.A. DE C.V. ; Monterrey, Noevo Leon:</b>							
9642	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Imagic Glass Inc. ; Concord, Ontario:</b>							
9563	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9564	COMP+CAN	6,6-1.52(ip)	6,8+-1.52(ip)	LSG	AN	U	A
9565	COMP+CAN	6,6-1.016(ev)	6,6-1.016(ev)	LSG	AN	U	A
<b>Insulite Glass Co., Inc. ; Olathe, KS:</b>							
9567	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9721	COMPOSITE	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Integral Seal Mfg. Inc. ; Concord, Ontario:</b>							
9568	COMP+CAN	4,4-1.52(ev)	6,6-1.52(ev)	LSG		U	A
<b>Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca:</b>							
9462	COMPOSITE	4,4-1.14(b)	4,4-1.14(b)	LSG	AN	U	A
<b>Isoclima Specialty Glass, LLC ; Blairsville, PA:</b>							
9469	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9470	COMPOSITE	6,6-1.778(ip)	6,6-1.778(ip)	LSG	AN	U	A
<b>ITI Glass Company ; Bel Aire, KS:</b>							
9496	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9498	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
9569	COMP+CAN	6,6-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
<b>J.C. Moag Corporation ; Georgetown, IN:</b>							
9616	COMPOSITE	5,5-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
9617	COMPOSITE	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Jiangmen SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:</b>							
9408	COMP+CAN	4,4-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9409	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>JYC Glass Co. Ltd. ; Foshan, Guangdong Province:</b>							
9443	COMP+CAN	4,4-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
<b>KAMRI Investments Limited ; Marabella, West Indies:</b>							
9457	COMPOSITE	2,7,2,7-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	A
<b>Kensington Glass Arts ; Sterling, VA:</b>							
9607	COMPOSITE	8,8-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
9608	COMPOSITE	5,5-1.52(ev)	6,6-1.52(ev)	LSG	AN	U	A



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<b>KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliko Chalkida, Greece:</b>							
9600	COMP+CAN	2,7,2,7-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9601	COMP+CAN	5,5-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9603	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>La Tecnica Nel Vetro SpA ; Scafati, Salerno:</b>							
9640	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9641	COMP+CAN	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Laurier Architectural ; Laurier-Station, Quebec:</b>							
9611	COMP+CAN	4,4-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Limca Dekoratif Cam Anya San Tic ve AS ; Yenimahalle, Ankara:</b>							
9665	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9666	COMPOSITE	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>LTI Smart Glass, Inc. ; Pittsfield, MA:</b>							
9614	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>M Industria S.A. DE C.V. ; Conkal, Yucatan:</b>							
9483	COMP+CAN	2,7,2,7-0.89(ip)	6,8+-0.89(ip)	LSG	AN	U	A
9484	COMP+CAN	3,3-0.76(b)	6,8+-0.76(b)	LSG	AN	U	A
<b>McGrory Glass ; Paulsboro, NJ:</b>							
9471	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Midwest Glass Fabricators ; Highland, MI:</b>							
9230	COMP+CAN	5,5-0.762(b)	8+,8+-0.762(b)	LSG	AN	U	A
9231	COMP+CAN	5,5-1.77(ip)	8+,8+-1.77(ip)	LSG	AN	U	A
<b>ML System SA ; Podkarpacie, Poland:</b>							
9837	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
<b>Multiver Ltee ; Saint-Leonard, Quebec:</b>							
9579	COMP+CAN	3,2,7-0.38(b)	8+,8+-0.38(b)	LSG	FT	U	A
9580	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
<b>Nanjing Feitian Varo Glass Product Co., Ltd. ; Nanjing, Jiangsu:</b>							
9741	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
<b>Nashville Tempered Glass LLC ; Hendersonville, TN:</b>							
9473	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9474	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9475	COMP+CAN	4,4-0.76(ip)	4,4-0.76(ip)	LSG	AN	U	A
IN							
9724	COMP+CAN	3,3-0.38(b)	3,3-0.38(b)	LSG	AN	U	B
9725	COMP+CAN	3,3-0.89(ip)	3,3-0.89(ip)	LSG	AN	U	B
IN							
<b>New Angle Beveling ; Clearfield, PA:</b>							
9692	COMPOSITE	3,3-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	A
IN							
<b>Northwestern Industries - Arizona, Inc. ; Yuma, AZ:</b>							
9479	COMPOSITE	5,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9480	COMPOSITE	3,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Novavetro S.r.l. ; San Severino Marche, Italy:</b>							
9522	COMP+CAN	4,4-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
9523	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Albertville, MN:</b>							
9392	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9393	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Covington, GA:</b>							
9648	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9649	COMP+CAN	5,5-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A

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<b>Oldcastle BuildingEnvelope® ; Denver, CO:</b>							
9526	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9527	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Fremont, CA:</b>							
9524	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9525	COMP+CAN	3,4-1.52(ip)	8+,6+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Grand Prairie, TX:</b>							
9531	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
9532	COMP+CAN	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Hauppauge, NY:</b>							
9520	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9521	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Houston, TX:</b>							
9516	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9517	COMPOSITE	3,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Langley, British Columbia:</b>							
9566	COMP+CAN	3,3-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Miami, FL:</b>							
9535	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Perrysburg, OH:</b>							
9536	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9537	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Schofield, WI:</b>							
9538	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9539	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® ; Wright City, MO:</b>							
9540	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9541	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec:</b>							
9546	COMP+CAN	3,3-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
9547	COMP+CAN	3,3-1.778(ip)	8+,8+-1.778(ip)	LSG	FT	U	A
<b>Onyx Solar Energy, S.L. ; Avila, Spain:</b>							
9411	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	HS	U	A
9412	COMPOSITE	6,6-2.032(ev)	6,6-2.032(ev)	LSG	HS	U	A
9413	COMPOSITE	8,8-1.905(ev)	8+,8+-1.905(ev)	LSG	HS	U	A
<b>PGT Industries ; North Venice, FL:</b>							
9388	COMPOSITE	3,3-0.89(ip)	6,6-0.89(ip)	LSG		U	A
9389	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
<b>Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan:</b>							
9414	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	FT	U	A
<b>Precision Glass Bending Corporation ; Greenwood, AR:</b>							
9390	COMP+CAN	3,3-0.76(b)	6,8+-0.76(b)	LSG	AN	U	A
9391	COMP+CAN	3,3-0.89(ip)	6,8+-0.89(ip)	LSG	AN	U	A
<b>Prelco Inc. ; Riviere-du-loup, Quebec:</b>							
9363	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9364	COMP+CAN	4,4-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Press Glass Inc. ; Ridgeway, VA:</b>							
9384	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9386	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>PRESS GLASS SP ZOO ; Radomsko, Poland:</b>							
9429	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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9430	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>PRESS GLASS SP ZOO ; Tychy, Poland:</b>							
9431	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9432	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Press Glass, Inc. ; Stoneville, NC:</b>							
9416	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9417	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco:</b>							
9439	COMPOSITE	6,6-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
9440	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	FT	U	A
<b>Produits Verrier International Inc. ; Montreal, Quebec:</b>							
9349	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
<b>ProTemp Glass, Inc. ; Concord, Ontario:</b>							
9350	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
7907	COMP+CAN			LTG		U	A
<b>Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz:</b>							
9351	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9352	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Pulp Studio, Inc. ; Gardena, CA:</b>							
9353	COMP+CAN	3,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Qingdao Chinastar Glass CO., Ltd. ; Qingdao, Shandong Province:</b>							
9739	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
<b>Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong Province:</b>							
9463	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	FT	U	A
9464	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
<b>Qingdao Jinjing Co., Ltd. ; Qingdao City, Shandong Province:</b>							
9766	COMP+CAN	4,4-1.14(b)	5,5-1.14(b)	LSG	AN	U	A
<b>Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong Province:</b>							
9356	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
<b>Qinhuangdao Entrylite Technology Co.,Ltd. ; Qinhuangdao, Hebei:</b>							
9735	COMP+CAN	3,3-1.14(ev)	3,3-1.14(ev)	LSG	FT	U	A
<b>Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:</b>							
9357	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
<b>Ready Glass &amp; Mirror, Inc. ; Hialeah, FL:</b>							
9359	COMP+CAN	5,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Reem Emirates Aluminum &amp; Glass ; Abu Dhabi, United Arab Emirates:</b>							
9360	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
<b>Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekooy:</b>							
9573	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Rider Glass Company Limited ; Qingdao, Shandong Province:</b>							
9362	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
9418	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong Province:</b>							
9365	COMP+CAN	2,7,2,7-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
<b>S.F. Tempering ; Dania Beach, FL:</b>							
9383	COMPOSITE	3,3-0.38(ev)	8+,8+-0.38(ev)	LSG	AN	U	B
<b>SAAND Rexdale ; Rexdale, Ontario:</b>							
9481	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Safti First ; Merced, CA:</b>							
9369	COMP+CAN	2,7,2,7-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A

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9370	COMP+CAN	2.7,2.7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9371	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>SAGE Electrochromics Inc. ; Faribault, MN:</b>							
9372	COMP+CAN	2.5,4-0.89(ip)	8+,2-0.89(ip)	LSG	AN	U	A
9373	COMP+CAN	2,4-0.76(b)	2,8+-0.76(b)	LSG	AN	U	A
<b>Saint Gobain Mexico, S.A. de C.V. ; Ciudad Ayala, Morelos:</b>							
9374	COMP+CAN	2.7,2.7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Brwinow, Poland:</b>							
9305	COMP+CAN	2.7,2.7-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
<b>Saudi American Glass Company ; Riyadh, Saudi Arabia:</b>							
9377	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
<b>Selective Shower Glass Designs Inc. ; Medley, FL:</b>							
9187	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9188	COMP+CAN	6,6-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
<b>Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong Province:</b>							
9250	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
<b>Shandong Jinjing Science &amp; Technology Stock Co., Ltd. ; Zibo, Shandong Province:</b>							
9846	COMPOSITE	5,5-1.14(b)	6,6-1.14(b)	LSG	FT	U	A
9847	COMPOSITE	2.7,2.7-2.286(b)	5,5-2.286(b)	LSG	AN	U	A
<b>Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong Province:</b>							
9494	COMP+CAN	4,4-1.52(b)	4,4-1.52(b)	LSG	HS	U	A
<b>Shandong Wensheng Glass Technology Co., Ltd. ; Jinan, Shandong Province:</b>							
9681	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong Province:</b>							
9505	COMP+CAN	2.7,2.7-0.76(b)	2.7,2.7-0.76(b)	LSG	AN	U	A
9506	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Shanghai HJ Safety Glass Co., Ltd ; Pudong, Shanghai:</b>							
9315	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
<b>Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai:</b>							
9486	COMP+CAN	2.7,2.7-0.76(b)	2.7,2.7-0.76(b)	LSG	AN	U	A
9488	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
<b>Shanghai SYP Engineering Glass ; Pudong, Shanghai:</b>							
9404	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9406	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong Province:</b>							
9497	COMP+CAN	3,3-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
<b>Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan:</b>							
9379	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>SIGCO, Inc. ; Westbrook, ME:</b>							
9482	COMP+CAN	2.7,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9485	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Sisecam Flat Glass Italy S.r.l. ; S. Giorgio Di Nogaro, Italy:</b>							
9381	COMP+CAN	2.7,2.7-0.38(b)	4,4-0.38(b)	LSG	AN	U	A
<b>Smart Glass Group LLC ; Pompano Beach, FL:</b>							
9894	COMP+CAN	5,5-1.778(ev)	5,5-1.778(ev)	LSG	HS	U	A
<b>Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico:</b>							
9375	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9376	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Stargrup Cam A.S. ; Arnavutkoy, Istanbul:</b>							
9499	COMP+CAN	5,5-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9500	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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<b>Sunfire Glass, Inc. ; Medley, FL:</b>							
9502	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	AN	U	A
9504	COMP+CAN	2,7,2.7-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
<b>Syracuse Glass Company, LLC ; Syracuse, NY:</b>							
9552	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9553	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9775	COMP+CAN	3,3-1.905(ev)	3,3-1.905(ev)	LSG	AN	U	A
<b>Tacoma Glass Mfg. Inc. ; Tacoma, WA:</b>							
9576	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>Technical Glass Company ; Jeddah, Saudi Arabia:</b>							
9575	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:</b>							
9507	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City (Old Location):</b>							
9510	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9511	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato:</b>							
9512	COMP+CAN	6,6-1.14(b)	6,6-1.14(b)	LSG	AN	U	A
9513	COMP+CAN	5,5-1.651(b)	5,5-1.651(b)	LSG	AN	U	A
<b>Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong Province:</b>							
9574	COMP+CAN	2,7,2.7-0.76(b)	2,7,2.7-0.76(b)	LSG	AN	U	A
<b>TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong Province:</b>							
9586	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
<b>TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu:</b>							
9577	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
<b>TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin:</b>							
9590	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
<b>Thermo BSL ; Riviere-du-loup, Quebec:</b>							
9578	COMP+CAN	3,3-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9609	COMP+CAN	4,4-2.286(ip)	4,4-2.286(ip)	LSG	AN	U	A
<b>Thompson I.G. LLC. ; Fenton, MI:</b>							
9584	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9585	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin:</b>							
9581	COMP+CAN	4,4-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
<b>Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin:</b>							
9582	COMPOSITE	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9583	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
<b>Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin:</b>							
9398	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9399	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Transparent Design S.R.L. ; Popesti-Leordeni, Romania:</b>							
9785	COMP+CAN	8,8-0.38(ev)	8+,8+-0.38(ev)	LSG	AN	U	A
<b>Tristar Glass, Inc. ; Catoosa, OK:</b>							
9587	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; City of Industry, CA:</b>							
9632	COMPOSITE	3,3-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
9633	COMPOSITE	5,5-1.52(ip)	6,8+-1.52(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Columbus, OH:</b>							
9320	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9321	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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<b>Trulite Glass and Aluminum Solutions ; Fort Worth, TX:</b>							
9663	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9664	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Grenada, MS:</b>							
9628	COMPOSITE	2,5,2,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9629	COMPOSITE	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Houston, TX:</b>							
9634	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9635	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Lithia Springs, GA:</b>							
9646	COMP+CAN	3,3-0.76(b)	8+,6-0.76(b)	LSG	FT	U	A
9647	COMP+CAN	3,3-0.89(ip)	5,8+-0.89(ip)	LSG	FT	U	A
<b>Trulite Glass and Aluminum Solutions ; New Berlin, WI:</b>							
9654	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9655	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Orlando, FL:</b>							
9652	COMPOSITE	3,3-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
9653	COMPOSITE	5,5-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario:</b>							
9588	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Trulite Glass and Aluminum Solutions ; Youngsville, NC:</b>							
9322	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam Bursa FabrikaSubesi ; Yenisehir, Bursa:</b>							
9589	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
<b>U.S. Glass Distributors Inc. ; Enfield, CT:</b>							
9594	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Uniglass ; Riyadh, Saudi Arabia:</b>							
9591	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
<b>United Plate Glass Co., Inc. ; Butler, PA:</b>							
9593	COMP+CAN	2,7,2,7-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
9706	COMP+CAN	2,5,2,5-1.52(ip)	4,3-1.52(ip)	LSG	AN	U	A
<b>Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:</b>							
9592	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
<b>VA Glass, LLC. ; Ridgeway, VA:</b>							
9620	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9621	COMPOSITE	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Vandaglas Eckelt GmbH ; Steyr, Austria:</b>							
9556	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9557	COMPOSITE	4,4-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza:</b>							
9615	COMPOSITE	5,5-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
<b>Vetriko S.A. ; Duran, Guayas:</b>							
9597	COMPOSITE	2,7,2,7-0.38(ev)	6,6-0.38(ev)	LSG	AN	U	A
9598	COMPOSITE	2,7,2,7-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
9599	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Vetrodomus SpA ; Brescia, Province of Brescia:</b>							
9595	COMPOSITE	4,4-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
<b>Vidplex Universal S.AS ; Bogota, Bogota DC:</b>							
9407	COMP+CAN	4,4-0.38(b)	5,5-0.38(b)	LSG	AN	U	A
<b>Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon:</b>							
9467	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A

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9468	COMP+CAN	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
<b>View Inc. ; Olive Branch, MS:</b>							
9491	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9493	COMP+CAN	3,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Viewrail ; Goshen, IN Eisenhower Dr. North:</b>							
9596	COMP+CAN	6,6-0.89(ip)	8+,6-0.89(ip)	LSG	FT	U	A
<b>Viracon Inc. ; Owatonna, MN:</b>							
9618	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9619	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
<b>Vistamatic, LLC ; Coral Springs, FL:</b>							
9624	COMPOSITE	3,3-1.52(ev)	6,6-1.52(ev)	LSG	HS	U	A
9625	COMPOSITE	6,6-2.286(b)	6,6-2.286(b)	LSG	HS	U	A
<b>Vitelsa Mosquera ; Bogota, Cundinamarca:</b>							
9626	COMPOSITE	4,4-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9627	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Vitrum Industries Ltd. ; Langley, British Columbia:</b>							
9630	COMP+CAN	2,7,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9631	COMP+CAN	2,7,2.7-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:</b>							
9636	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9637	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>Viwinco, Inc. ; Morgantown, PA:</b>							
9638	COMPOSITE	3,3-1.905(b)	3,3-1.905(b)	LSG	AN	U	A
9639	COMPOSITE	3,3-2.286(ip)	5,6-2.286(ip)	LSG	AN	U	A
<b>W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA:</b>							
9403	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9405	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates:</b>							
9684	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9685	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>WHTB Glass, LLC ; Shirley, NY:</b>							
9400	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9401	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
<b>W-M Glass sp. zo.o. ; Bartoszyce, Poland:</b>							
9397	COMP+CAN	5,5-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	A
<b>Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu:</b>							
9382	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Wutkowski Sp. Zo.o. ; Sliwice, Poland:</b>							
9385	COMP+CAN	4,4-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
<b>Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei:</b>							
9361	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
<b>Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin:</b>							
9358	COMP+CAN	3,3-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
<b>Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning:</b>							
9366	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9367	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	B
<b>Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province:</b>							
9354	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
<b>Yakut Cam A.S ; Sancaktepe, Istanbul:</b>							
9346	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A

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<b>Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli:</b>							
9344	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9345	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
<b>YinJian DongGuan Glass Engineering Co., Ltd. ; Dongguan, Guangdong Province:</b>							
9223	COMPOSITE	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9224	COMPOSITE	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	FT	U	A
<b>Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu:</b>							
9343	COMP+CAN	4,4-0.89(ip)	5,6-0.89(ip)	LSG	AN	U	A
<b>Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province:</b>							
9342	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
<b>Zhongli Glass Co., Ltd ; Huzhou, Zhejiang:</b>							
9341	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
<b>Zibo YuRu Glass Factory ; Zibo City, Shandong Province:</b>							
9355	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A



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SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>24 Hour Thermal Glass Insulated Ltd. ; Concord, Ontario:</b>						7465	COMPOSITE	1/4	6.0 TTG		U A
6918	COMPOSITE	5/32	4.0 TTG (MC)		U A	7466	COMPOSITE	5/16	8.0 TTG		U A
6919	COMPOSITE	3/16	5.0 TTG (MC)		U A	7467	COMPOSITE	3/8	10.0 TTG		U A
6920	COMPOSITE	1/4	6.0 TTG (MC)		U A	7468	COMPOSITE	1/2	12.0 TTG		U A
<b>2479727 Alberta Ltd.(Glassbuilt Manufacturing) ; Edmonton, Alberta:</b>						7469	COMPOSITE	*	15.0 TTG (4)		U A
9673	COMP+CAN	5/32	4.0 TTG (MC)		U A	7470	COMPOSITE	3/4	19.0 TTG		U A
9674	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>AGNORA LTD ; Collingwood, Ontario:</b>					
9675	COMP+CAN	1/4	6.0 TTG (MC)		U A	4883	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>3 Form ; Kernersville, NC:</b>						4885	COMP+CAN	3/8	10.0 TTG (MC)		U A
8085	COMP+CAN	5/32	4.0 TTG		U A	4884	COMP+CAN	1/2	12.0 TTG (MC)		U A
8476	COMP+CAN	3/16	5.0 TTG		U A	<b>Agstech Advanced Materials Corporation Limited ; Zhaoqing, Guangdong Province:</b>					
5026	COMP+CAN	1/4	6.0 TTG		U A	9747	COMPOSITE	1/4	6.0 TTG		U A
8477	COMP+CAN	5/16	8.0 TTG		U A	9748	COMPOSITE	5/16	8.0 TTG		U A
5210	COMP+CAN	3/8	10.0 TTG		U A	9749	COMPOSITE	3/8	10.0 TTG		U A
5211	COMP+CAN	1/2	12.0 TTG		U A	9750	COMPOSITE	1/2	12.0 TTG		U A
<b>8044554 Canada Inc. ; Stewiacke, Nova Scotia:</b>						<b>Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico:</b>					
8882	COMP+CAN	1/8	3.0 TTG		U A	8599	COMPOSITE	1/8	3.0 TTG		U A
9705	COMP+CAN	5/32	4.0 TTG		U A	8600	COMPOSITE	5/32	4.0 TTG		U A
8883	COMP+CAN	3/16	5.0 TTG		U A	8601	COMPOSITE	1/4	6.0 TTG		U A
8884	COMP+CAN	1/4	6.0 TTG (MC)		U A	8602	COMPOSITE	3/8	10.0 TTG		U A
8885	COMP+CAN	3/8	10.0 TTG		U A	8424	COMPOSITE	1/2	12.0 TTG		U A
8886	COMP+CAN	1/2	12.0 TTG		U A	<b>Al Abbar Architectural Glass ; Dubai, United Arab Emirates:</b>					
<b>A.N. ALODAN &amp; SONS CO. GLASS &amp; ALUMINIUM FACTORY ; Riyadh, Saudi Arabia:</b>						4846	COMPOSITE	3/16	5.0 TTG		U A
7269	COMP+CAN	1/4	6.0 TTG (MC)		U A	3556	COMPOSITE	1/4	6.0 TTG		U A
7276	COMP+CAN	5/16	8.0 TTG (MC)		U A	3557	COMPOSITE	5/16	8.0 TTG		U A
7277	COMP+CAN	*	12.0 TTG (7)		U A	3558	COMPOSITE	3/8	10.0 TTG		U A
<b>A3 Glass Fabricator LLC ; Houston, TX:</b>						4590	COMPOSITE	1/2	12.0 TTG		U A
8506	COMPOSITE	1/4	6.0 TTG (MC)		U A	3976	COMPOSITE	*	15.0 TTG (4)		U A
8507	COMPOSITE	3/8	10.0 TTG		U A	3977	COMPOSITE	3/4	19.0 TTG		U A
<b>Accurate Glass Products ; Barrie, Ontario:</b>						<b>Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia:</b>					
8829	COMP+CAN	5/32	4.0 TTG		U A	7486	COMPOSITE	1/4	6.0 TTG		U A
7672	COMP+CAN	3/16	5.0 TTG		U A	7487	COMPOSITE	1/2	12.0 TTG		U A
7418	COMP+CAN	1/4	6.0 TTG		U A	<b>Al Cam Sanayi ve Ticaret Limited Sirketi ; Istanbul, Sancaktepe:</b>					
7419	COMP+CAN	5/16	8.0 TTG		U A	9243	COMP+CAN	1/4	6.0 TTG (MC)		U A
7420	COMP+CAN	3/8	10.0 TTG		U A	9244	COMP+CAN	5/16	8.0 TTG (MC)		U A
7421	COMP+CAN	1/2	12.0 TTG		U A	<b>Al Qasr Glass Industrial Company ; Ad Difa, Riyadh:</b>					
<b>Ace Safety Glass Co., Ltd. ; Jeongeup-si, Jeollabuk-Do:</b>						9905	COMPOSITE	1/4	6.0 TTG		U A
8237	COMP+CAN	1/8	3.0 TTG	34X3 4	A	<b>Aldora Aluminum and Glass Products Inc. ; Charleston, SC:</b>					
8426	COMP+CAN	5/32	4.0 TTG	34x34	A	4328	COMPOSITE	1/8	3.0 TTG (MC)		U A
<b>Acme Glass LTD. ; Surrey, British Columbia:</b>						4330	COMPOSITE	3/16	5.0 TTG (MC)		U A
8603	COMP+CAN	3/16	5.0 TTG		U A	4331	COMPOSITE	1/4	6.0 TTG (MC)		U A
8604	COMP+CAN	1/4	6.0 TTG		U A	4335	COMPOSITE	3/8	10.0 TTG		U A
8605	COMP+CAN	3/8	10.0 TTG		U A	4336	COMPOSITE	1/2	12.0 TTG		U A
8606	COMP+CAN	1/2	12.0 TTG		U A	<b>Aldora Aluminum and Glass Products, Inc. ; Austell, GA:</b>					
<b>Advanced Design Manufacturing ; Antioch, CA:</b>						7307	COMPOSITE	1/8	3.0 TTG (MC)		U A
6685	COMPOSITE	1/4	6.0 TTG		U A	7308	COMPOSITE	3/16	5.0 TTG (MC)		U A
6686	COMPOSITE	3/8	10.0 TTG		U A	7309	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>Advanced Impact Technologies ; Largo, FL:</b>						7310	COMPOSITE	3/8	10.0 TTG		U A
7374	COMP+CAN	1/8	3.0 TTG		U A	7311	COMPOSITE	1/2	12.0 TTG (MC)		U A
7375	COMP+CAN	3/16	5.0 TTG (MC)		U A	7851	COMPOSITE	3/4	19.0 TTG		U A
7376	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:</b>					
7377	COMP+CAN	3/8	10.0 TTG		U A	7643	COMPOSITE	3/16	5.0 TTG (MC)		U A
7378	COMP+CAN	1/2	12.0 TTG		U A	7644	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>Advantage Glass Corp ; Crystal Lake, IL:</b>						7645	COMPOSITE	3/8	10.0 TTG		U A
8911	COMPOSITE	5/32	4.0 TTG (MC)		U A	7646	COMPOSITE	1/2	12.0 TTG		U A
8912	COMPOSITE	3/16	5.0 TTG (MC)		U A	7647	COMPOSITE	5/8	16.0 TTG		U A
8913	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>Aldora Aluminum and Glass Products, Inc. ; Newport News, VA:</b>					
<b>AdvanTec ; Chilliwack, British Columbia:</b>						8791	COMPOSITE	1/8	3.0 TTG		U A
7463	COMPOSITE	5/32	4.0 TTG		U A	8792	COMPOSITE	3/16	5.0 TTG		U A
7464	COMPOSITE	3/16	5.0 TTG		U A	8793	COMPOSITE	1/4	6.0 TTG		U A
						8794	COMPOSITE	3/8	10.0 TTG		U A
						8795	COMPOSITE	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:</b>						3863	COMPOSITE	3/8	10.0 TTG		U A
5574	COMPOSITE	1/8	3.0 TTG (MC)		U A	3864	COMPOSITE	1/2	12.0 TTG		U A
5575	COMPOSITE	3/16	5.0 TTG (MC)		U A	<b>American Insulated Glass Inc. ; Birmingham, AL:</b>					
5576	COMPOSITE	1/4	6.0 TTG (MC)		U A	8459	COMPOSITE	1/8	3.0 TTG (MC)		U A
5579	COMPOSITE	3/8	10.0 TTG		U A	8460	COMPOSITE	3/16	5.0 TTG (MC)		U A
5577	COMPOSITE	1/2	12.0 TTG		U A	8461	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>All Counties Glass ; Stockton, CA:</b>						8462	COMPOSITE	3/8	10.0 TTG		U A
6409	COMP+CAN	1/8	3.0 TTG (MC)		U A	8463	COMPOSITE	1/2	12.0 TTG		U A
6410	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>American Insulated Glass LLC. ; Knoxville, TN:</b>					
6411	COMP+CAN	3/16	5.0 TTG (MC)		U A	8906	COMPOSITE	1/8	3.0 TPG (s)		U A
6412	COMP+CAN	1/4	6.0 TTG (MC)		U A	8908	COMPOSITE	5/32	4.0 TPG (s)		U A
6413	COMP+CAN	5/16	8.0 TTG		U A	8907	COMPOSITE	3/16	5.0 TPG (m)		U A
6414	COMP+CAN	3/8	10.0 TTG		U A	8900	COMPOSITE	1/8	3.0 TTG (MC)		U A
6415	COMP+CAN	1/2	12.0 TTG		U A	8901	COMPOSITE	5/32	4.0 TTG (MC)		U A
<b>All Glass (Suqian) Holding Co., Ltd. ; Suqian City, Jiangsu:</b>						8902	COMPOSITE	3/16	5.0 TTG (MC)		U A
9832	COMP+CAN	1/4	6.0 TTG		U A	8903	COMPOSITE	1/4	6.0 TTG (MC)		U A
9833	COMP+CAN	5/16	8.0 TTG		U A	8904	COMPOSITE	3/8	10.0 TTG		U A
9834	COMP+CAN	*	12.0 TTG (3)		U A	8905	COMPOSITE	1/2	12.0 TTG		U A
<b>All Team Glass &amp; Mirror, Ltd. ; Woodbridge, Ontario:</b>						<b>American Insulated Glass LLC. ; Plymouth Township, MI:</b>					
8218	COMP+CAN	5/32	4.0 TTG		U A	7875	COMPOSITE	1/8	3.0 TPG (s)		U A
1755	COMP+CAN	3/16	5.0 TTG		U A	7876	COMPOSITE	3/16	5.0 TPG (m)		U A
1756	COMP+CAN	1/4	6.0 TTG		U A	7834	COMPOSITE	1/8	3.0 TTG (MC)		U A
2790	COMP+CAN	5/16	8.0 TTG		U A	7835	COMPOSITE	3/16	5.0 TTG (MC)		U A
1757	COMP+CAN	3/8	10.0 TTG		U A	7836	COMPOSITE	1/4	6.0 TTG (MC)		U A
1758	COMP+CAN	1/2	12.0 TTG		U A	7837	COMPOSITE	3/8	10.0 TTG		U A
4355	COMP+CAN	5/8	16.0 TTG		U A	<b>American Insulated Glass, LLC ; Conley, GA:</b>					
3656	COMP+CAN	3/4	19.0 TTG		U A	5288	COMPOSITE	1/8	3.0 TPG (s)		U A
<b>Allglass Tempering Inc. ; Schiller Park, IL:</b>						5289	COMPOSITE	3/16	5.0 TPG (m)		U A
5835	COMPOSITE	5/32	4.0 TTG		U A	5283	COMPOSITE	1/8	3.0 TTG (MC)		U A
5836	COMPOSITE	3/16	5.0 TTG (MC)		U A	5284	COMPOSITE	3/16	5.0 TTG (MC)		U A
5837	COMPOSITE	1/4	6.0 TTG (MC)		U A	5285	COMPOSITE	1/4	6.0 TTG (MC)		U A
5838	COMPOSITE	3/8	10.0 TTG		U A	5286	COMPOSITE	3/8	10.0 TTG		U A
5839	COMPOSITE	1/2	12.0 TTG		U A	5287	COMPOSITE	1/2	12.0 TTG		U A
<b>Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia:</b>						<b>American Insulated Glass, LLC ; Ijamsville, MD:</b>					
6151	COMP+CAN	1/4	6.0 TTG		U A	8098	COMPOSITE	3/16	5.0 TTG		U A
6152	COMP+CAN	5/16	8.0 TTG		U A	8099	COMPOSITE	1/4	6.0 TTG (MC)		U A
6891	COMP+CAN	3/8	10.0 TTG		U A	6144	COMPOSITE	3/8	10.0 TTG		U A
7346	COMP+CAN	1/2	12.0 TTG (7)		U A	6145	COMPOSITE	1/2	12.0 TTG		U A
<b>Aluminum Technology Auxiliary Industries ; Doha, Qatar:</b>						<b>Amsco Windows ; Salt Lake City, UT:</b>					
7197	COMP+CAN	1/4	6.0 TTG		U A	2582	COMPOSITE	1/8	3.0 TPG (m)		U A
7198	COMP+CAN	5/16	8.0 TTG		U A	2584	COMPOSITE	3/16	5.0 TPG (m)		U A
5084	COMP+CAN	3/8	10.0 TTG		U A	2578	COMPOSITE	1/8	3.0 TTG (MC)		U A
5212	COMP+CAN	*	12.0 TTG (3)		U A	4643	COMPOSITE	5/32	4.0 TTG (IN)		U A
<b>Aluminum Window Designs LTD ; Woodbridge, Ontario:</b>						2580	COMPOSITE	3/16	5.0 TTG (MC)		U A
9138	COMP+CAN	5/32	4.0 TTG (MC)		U A	2581	COMPOSITE	1/4	6.0 TTG		U A
9139	COMP+CAN	3/16	5.0 TTG		U A	<b>Anhui Dahe Mirror Enterprise Co. LTD. ; Wuhu, Anhui:</b>					
9140	COMP+CAN	1/4	6.0 TTG (MC)		U A	8570	COMP+CAN	1/8	3.0 TTG		U A
9141	COMP+CAN	5/16	8.0 TTG		U A	8571	COMP+CAN	3/16	5.0 TTG		U A
<b>American Glass Tempering and Fabricators, Inc. ; Houston, TX:</b>						8572	COMP+CAN	1/4	6.0 TTG		U A
8385	COMPOSITE	1/8	3.0 TTG (MC)		U A	8573	COMP+CAN	5/16	8.0 TTG		U A
8406	COMPOSITE	5/32	4.0 TTG (IN)		U A	8574	COMP+CAN	3/8	10.0 TTG		U A
8387	COMPOSITE	1/4	6.0 TTG (MC)		U A	8575	COMP+CAN	1/2	12.0 TTG (4)		U A
8388	COMPOSITE	3/8	10.0 TTG		U A	<b>Anthony International ; Madison, GA:</b>					
8389	COMPOSITE	1/2	12.0 TTG		U A	6099	COMPOSITE	5/32	4.0 TBG		U A
8390	COMPOSITE	3/4	19.0 TTG (IN)		U A	2306	COMPOSITE	3/16	5.0 TBG		U A
<b>American Insulated Glass ; Dallas, NC:</b>						2307	COMPOSITE	1/4	6.0 TBG		U A
3859	COMPOSITE	1/8	3.0 TTG (MC)		U A	3249	COMPOSITE	1/8	3.0 TTG		U A
3860	COMPOSITE	5/32	4.0 TTG (IN)		U A	3027	COMPOSITE	5/32	4.0 TTG		U A
3861	COMPOSITE	3/16	5.0 TTG (MC)		U A	2352	COMPOSITE	3/16	5.0 TTG		U A
3862	COMPOSITE	1/4	6.0 TTG (MC)		U A	2353	COMPOSITE	1/4	6.0 TTG		U A
						2453	COMPOSITE	3/8	10.0 TTG		U A
						<b>Anthony International ; San Fernando, CA:</b>					
						520	COMPOSITE	1/8	3.0 TTG (MC)		U A

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
2289	COMPOSITE	5/32	4.0 TTG (MC)		U A	<b>Beijing Guanhua Dongfang Glass Technology Co. Ltd ; Beijing, Fangshan District:</b>					
999	COMPOSITE	3/16	5.0 TTG		U A	9240	COMPOSITE	3/8	10.0 VIGT (MC)		U A
1000	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch ; Zaozhuang, Shandong Province:</b>					
<b>Architectural Glass Products, LLC. ; St. Louis, MO:</b>						9086	COMPOSITE	3/16	5.0 TTG		U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	9087	COMPOSITE	1/4	6.0 TTG		U A
4571	COMPOSITE	1/8	3.0 TTG (MC)		U A	9088	COMPOSITE	5/16	8.0 TTG		U A
4572	COMPOSITE	3/16	5.0 TTG (MC)		U A	9089	COMPOSITE	3/8	10.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	9090	COMPOSITE	1/2	12.0 TTG		U A
<b>ArcTech Glass Ltd. ; Surrey, British Columbia:</b>						<b>Beijing NorthTech Haiyangshunda Glass Ltd. ; Daxing District, Beijing:</b>					
9901	COMP+CAN	3/16	5.0 TTG		U A	6668	COMP+CAN	1/4	6.0 TTG		U A
8815	COMP+CAN	1/4	6.0 TTG		U A	6669	COMP+CAN	5/16	8.0 TTG		U A
9004	COMP+CAN	5/16	8.0 TTG		U A	7562	COMP+CAN	3/8	10.0 TTG		U A
9005	COMP+CAN	3/8	10.0 TTG		U A	9196	COMP+CAN	*	12.0 TTG (3)		U A
9006	COMP+CAN	1/2	12.0 TTG *(3)		U A	<b>Beijing Wuhuatianbao Glass Co., Ltd. ; Beijing, Shunyi District:</b>					
<b>Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:</b>						6903	COMP+CAN	5/32	4.0 TTG		U A
9142	COMP+CAN	1/4	6.0 TTG (MC)		U A	6904	COMP+CAN	3/16	5.0 TTG		U A
9143	COMP+CAN	5/16	8.0 TTG (MC)		U A	6905	COMP+CAN	1/4	6.0 TTG		U A
9144	COMP+CAN	3/8	10.0 TTG (MC)		U A	6906	COMP+CAN	5/16	8.0 TTG		U A
9145	COMP+CAN	1/2	12.0 TTG		U A	6907	COMP+CAN	3/8	10.0 TTG		U A
<b>Arino Duglass ; Zaragoza, Spain:</b>						6908	COMP+CAN	*	12.0 TTG (3)		U A
8757	COMP+CAN	1/4	6.0 TTG		U A	6909	COMP+CAN	*	15.0 TTG (3)		U A
8758	COMP+CAN	5/16	8.0 TTG		U A	6910	COMP+CAN	3/4	19.0 TTG		U A
8759	COMP+CAN	3/8	10.0 TTG		U A	<b>Bel Pre Glassworks Inc. ; Rockville, MD:</b>					
<b>Arlene Stained Glass &amp; Door ; Houston, TX:</b>						6320	COMPOSITE	1/8	3.0 TTG		U A
3585	COMPOSITE	5/32	4.0 TPG (d)		U A	6321	COMPOSITE	3/16	5.0 TTG		U A
5127	COMPOSITE	1/8	3.0 TTG (MC)		U A	6322	COMPOSITE	1/4	6.0 TTG		U A
3583	COMPOSITE	3/16	5.0 TTG		U A	9801	COMPOSITE	3/8	10.0 TTG		U A
3584	COMPOSITE	1/4	6.0 TTG		U A	6324	COMPOSITE	1/2	12.0 TTG		U A
<b>ATI Windows ; Riverside, CA:</b>						6325	COMPOSITE	3/4	19.0 TTG		U A
5639	COMPOSITE	1/8	3.0 TPG (s)		U A	<b>Bel Shower Door Corporation ; Englewood, CO:</b>					
7995	COMPOSITE	5/32	4.0 TPG (m)		U A	6474	COMP+CAN	3/16	5.0 TPG (m)		U A
5635	COMPOSITE	1/8	3.0 TTG (MC)		U A	6470	COMP+CAN	3/16	5.0 TTG		U A
5636	COMPOSITE	5/32	4.0 TTG (MC)		U A	6471	COMP+CAN	1/4	6.0 TTG		U A
5637	COMPOSITE	3/16	5.0 TTG		U A	6472	COMP+CAN	3/8	10.0 TTG		U A
5638	COMPOSITE	1/4	6.0 TTG		U A	6473	COMP+CAN	1/2	12.0 TTG		U A
8057	COMPOSITE	3/8	10.0 TTG		U A	<b>Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Bavaria:</b>					
8058	COMPOSITE	1/2	12.0 TTG		U A	2570	COMP+CAN	*	6.0 TBG (2)		22x76 A
<b>Aurora Windows and Doors ; Fremont, CA:</b>						2569	COMP+CAN	*	7.0 TBG (2)		14x76 A
8819	COMPOSITE	3/16	5.0 TTG		U A	5145	COMP+CAN	*	6.0 TBP (s)(2)		22x76 A
8818	COMPOSITE	1/4	6.0 TTG		U A	5144	COMP+CAN	*	7.0 TBP (d)(2)		14x76 A
8820	COMPOSITE	3/8	10.0 TTG		U A	<b>BG Glass Technologies Inc. ; Barrie, Ontario:</b>					
8821	COMPOSITE	1/2	12.0 TTG		U A	8137	COMP+CAN	5/32	4.0 TTG		U A
<b>Basco - Grand Haven ; Grand Haven, MI:</b>						8138	COMP+CAN	3/16	5.0 TTG		U A
9814	COMP+CAN	3/16	5.0 TPG (m)		U A	8139	COMP+CAN	1/4	6.0 TTG		U A
9815	COMP+CAN	1/4	6.0 TPG (m)		U A	8993	COMP+CAN	5/16	8.0 TTG		U A
9816	COMP+CAN	3/8	10.0 TPG (s)		U A	8140	COMP+CAN	3/8	10.0 TTG		U A
9806	COMP+CAN	1/8	3.0 TTG		U A	8141	COMP+CAN	1/2	12.0 TTG		U A
9807	COMP+CAN	5/32	4.0 TTG		U A	<b>BKSC Glass LLC ; Brooklyn, NY:</b>					
9808	COMP+CAN	3/16	5.0 TTG		U A	7170	COMP+CAN	3/16	5.0 TTG (MC)		U A
9809	COMP+CAN	1/4	6.0 TTG		U A	7171	COMP+CAN	1/4	6.0 TTG (MC)		U A
9810	COMP+CAN	5/16	8.0 TTG		U A	7172	COMP+CAN	3/8	10.0 TTG		U A
9811	COMP+CAN	3/8	10.0 TTG		U A	7173	COMP+CAN	1/2	12.0 TTG		U A
9812	COMP+CAN	1/2	12.0 TTG		U A	<b>Blackline Aluminum Systems ; Markham, Ontario:</b>					
9813	COMP+CAN	3/4	19.0 TTG		U A	8117	COMP+CAN	5/32	4.0 TTG		U A
<b>Basco Engineered Products ; Hamilton, OH:</b>						8118	COMP+CAN	3/16	5.0 TTG		U A
8106	COMPOSITE	3/16	5.0 TPG (m)		U A	8119	COMP+CAN	1/4	6.0 TTG (MC)		U A
4689	COMPOSITE	1/4	6.0 TPG (m)		U A	8120	COMP+CAN	3/8	10.0 TTG		U A
5203	COMPOSITE	3/8	10.0 TPG (m)		U A	<b>Blue Star Glass Inc. ; North Brunswick, NJ:</b>					
4139	COMPOSITE	1/8	3.0 TTG		U A	6782	COMPOSITE	5/32	4.0 TTG (MC)		U A
4724	COMPOSITE	3/16	5.0 TTG		U A	4518	COMPOSITE	3/16	5.0 TTG (MC)		U A
3810	COMPOSITE	1/4	6.0 TTG		U A	4519	COMPOSITE	1/4	6.0 TTG (MC)		U A
3811	COMPOSITE	3/8	10.0 TTG		U A						
3812	COMPOSITE	1/2	12.0 TTG		U A						
5076	COMPOSITE	3/4	19.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
6407	COMPOSITE	5/16	8.0 TTG (MC)		U A	4599	COMP+CAN	3/16	5.0 TPG (s)		U A
4520	COMPOSITE	3/8	10.0 TTG (MC)		U A	1921	COMP+CAN	1/8	3.0 TTG (MC)		U A
4521	COMPOSITE	1/2	12.0 TTG		U A	1922	COMP+CAN	5/32	4.0 TTG		U A
5174	COMPOSITE	5/8	16.0 TTG		U A	1923	COMP+CAN	3/16	5.0 TTG		U A
5175	COMPOSITE	3/4	19.0 TTG		U A	1924	COMP+CAN	1/4	6.0 TTG		U A
<b>Blue Star Glass Texas, LLC ; Dallas, TX:</b>						<b>Cardinal CG ; Galt, CA:</b>					
8897	COMPOSITE	3/16	5.0 TTG (MC)		U A	3599	COMPOSITE	1/8	3.0 TPG (s)		U A
8780	COMPOSITE	1/4	6.0 TTG		U A	4347	COMPOSITE	5/32	4.0 TPG (d)		U A
8898	COMPOSITE	5/16	8.0 TTG		U A	3601	COMPOSITE	3/16	5.0 TPG (m)		U A
<b>BOJAR SP z.o.o. ; Poland:</b>						<b>Cardinal CG ; Mazomanie, WI:</b>					
9699	COMP+CAN	*	6.0 TTG (3)(MC)		U A	2357	COMPOSITE	1/8	3.0 TTG (MC)		U A
9700	COMP+CAN	5/16	8.0 TTG (MC)		U A	2358	COMPOSITE	5/32	4.0 TTG (MC)		U A
9701	COMP+CAN	3/8	10.0 TTG (MC)		U A	2359	COMPOSITE	3/16	5.0 TTG (MC)		U A
<b>Brick Glass ; Houston, TX:</b>						<b>Cardinal CG ; Northfield, MN:</b>					
8213	COMPOSITE	1/4	6.0 TTG (MC)		U A	4780	COMP+CAN	1/8	3.0 TTG (MC)		U A
8214	COMPOSITE	3/8	10.0 TTG		U A	4781	COMP+CAN	5/32	4.0 TTG (MC)		U A
8215	COMPOSITE	1/2	12.0 TTG		U A	5306	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Bronco Industries, Inc. ; Delta, British Columbia:</b>						<b>Cardinal CG ; Spring Green, WI:</b>					
6973	COMP+CAN	1/8	3.0 TTG		U A	4783	COMP+CAN	1/4	6.0 TTG (MC)		U A
5871	COMP+CAN	5/32	4.0 TTG		U A	6552	COMP+CAN	5/16	8.0 TTG (MC)		U A
6974	COMP+CAN	3/16	5.0 TTG		U A	9283	COMP+CAN	3/8	10.0 TTG		U A
5366	COMP+CAN	1/4	6.0 TTG		U A	<b>Cardinal CG ; Northfield, MN:</b>					
5367	COMP+CAN	3/8	10.0 TTG		U A	2011	COMP+CAN	1/8	3.0 TPG (s)		U A
5368	COMP+CAN	1/2	12.0 TTG		U A	2012	COMP+CAN	5/32	4.0 TPG (d)		U A
6972	COMP+CAN	3/4	19.0 TTG		U A	2013	COMP+CAN	3/16	5.0 TPG (m)		U A
<b>BVGLAZING SYSTEMS ; Concord, Ontario:</b>						<b>Cardinal CG ; Spring Green, WI:</b>					
6139	COMP+CAN	3/16	5.0 TPG (s)		U A	1985	COMP+CAN	1/8	3.0 TTG (MC)		U A
6135	COMP+CAN	3/16	5.0 TTG (MC)		U A	1986	COMP+CAN	5/32	4.0 TTG (MC)		U A
6136	COMP+CAN	1/4	6.0 TTG (MC)		U A	1987	COMP+CAN	3/16	5.0 TTG (MC)		U A
6137	COMP+CAN	5/16	8.0 TTG (MC)		U A	1988	COMP+CAN	1/4	6.0 TTG (MC)		U A
6138	COMP+CAN	3/8	10.0 TTG		U A	4775	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>C&amp;C Custom Glass &amp; Tempering, LLC ; Tulsa, OK:</b>						<b>Cardinal CG ; Spring Green, WI:</b>					
6962	COMPOSITE	5/32	4.0 TPG (s)		U A	4137	COMP+CAN	3/8	10.0 TTG		U A
6861	COMPOSITE	3/16	5.0 TPG (s)		U A	6534	COMP+CAN	1/2	12.0 TTG		U A
6862	COMPOSITE	3/8	10.0 TPG (s)		U A	<b>Cardinal CG ; Spring Green, WI:</b>					
6854	COMPOSITE	5/32	4.0 TTG		U A	2071	COMP+CAN	1/8	3.0 TPG (s)		U A
6855	COMPOSITE	3/16	5.0 TTG		U A	2067	COMP+CAN	1/8	3.0 TTG (MC)		U A
6856	COMPOSITE	1/4	6.0 TTG		U A	2068	COMP+CAN	5/32	4.0 TTG (MC)		U A
6857	COMPOSITE	5/16	8.0 TTG		U A	2069	COMP+CAN	3/16	5.0 TTG (MC)		U A
6858	COMPOSITE	3/8	10.0 TTG		U A	2070	COMP+CAN	1/4	6.0 TTG (MC)		U A
6859	COMPOSITE	1/2	12.0 TTG		U A	5281	COMP+CAN	5/16	8.0 TTG (MC)		U A
6860	COMPOSITE	3/4	19.0 TTG (IN)		U A	<b>Cardinal CG ; Tumwater, WA:</b>					
<b>Cagdaz Cam San. TIC. A.S. ; Kuyucak, Aydin:</b>						<b>Cardinal CG ; Tumwater, WA:</b>					
9793	COMP+CAN	1/8	3.0 TTG		U A	2954	COMP+CAN	1/8	3.0 TPG (s)		U A
9794	COMP+CAN	5/32	4.0 TTG (MC)		U A	6723	COMP+CAN	5/32	4.0 TPG (d)		U A
<b>California Safety Glass S.A. de C.V. ; Tijuana, Baja California:</b>						<b>Cardinal CG ; Waxahachie, TX:</b>					
9127	COMPOSITE	3/16	5.0 TTG		U A	2956	COMP+CAN	3/16	5.0 TPG (m)		U A
9128	COMPOSITE	1/4	6.0 TTG		U A	9853	COMP+CAN	1/4	6.0 TPG (m)		U A
9129	COMPOSITE	5/16	8.0 TTG		U A	2007	COMP+CAN	1/8	3.0 TTG (MC)		U A
9130	COMPOSITE	3/8	10.0 TTG		U A	2008	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Cameron Glass, LLC. ; Broken Arrow, OK:</b>						<b>Cardinal CG ; Waxahachie, TX:</b>					
4832	COMP+CAN	1/8	3.0 TTG		U A	8556	COMP+CAN	1/8	3.0 TPG (s)		U A
2501	COMP+CAN	3/16	5.0 TTG		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
2455	COMP+CAN	1/4	6.0 TTG		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
2032	COMP+CAN	3/8	10.0 TTG		U A	2699	COMP+CAN	1/8	3.0 TTG (MC)		U A
2033	COMP+CAN	1/2	12.0 TTG		U A	2700	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S. ; Bergama/Izmir:</b>						<b>Cardinal CG ; Waxahachie, TX:</b>					
9863	COMP+CAN	1/4	6.0 TTG		U A	2701	COMP+CAN	3/16	5.0 TTG (MC)		U A
9864	COMP+CAN	5/16	8.0 TTG		U A	2702	COMP+CAN	1/4	6.0 TTG (MC)		U A
9865	COMP+CAN	3/8	10.0 TTG		U A	<b>Cardinal CT ; Adel, GA:</b>					
<b>Cardinal CG ; Buford, GA:</b>						<b>Cardinal CT ; Adel, GA:</b>					
2146	COMP+CAN	1/8	3.0 TPG (s)		U A	5098	COMP+CAN	1/8	3.0 TPG (d)		U A
						5099	COMP+CAN	5/32	4.0 TPG (d)		U A
						5100	COMP+CAN	3/16	5.0 TPG (d)		U A
						6174	COMP+CAN	1/4	6.0 TPG (d)		U A
						6516	COMP+CAN	3/8	10.0 TPG (d)		U A
						5095	COMP+CAN	1/8	3.0 TTG (MC)		U A
						5096	COMP+CAN	5/32	4.0 TTG (MC)		U A
						5097	COMP+CAN	3/16	5.0 TTG (MC)		U A
						5364	COMP+CAN	1/4	6.0 TTG (MC)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
6842	COMP+CAN	5/16	8.0 TTG		U A	<b>Cardinal CT ; Utica, OH:</b>					
6172	COMP+CAN	3/8	10.0 TTG		U A	4623	COMP+CAN	1/8	3.0 TPG (m)		U A
6173	COMP+CAN	1/2	12.0 TTG		U A	4624	COMP+CAN	5/32	4.0 TPG (m)		U A
<b>Cardinal CT ; Casa Grande, AZ:</b>						4625	COMP+CAN	3/16	5.0 TPG (m)		U A
4103	COMP+CAN	1/8	3.0 TPG (m)		U A	4620	COMP+CAN	1/8	3.0 TTG (MC)		U A
4104	COMP+CAN	5/32	4.0 TPG (d)		U A	4621	COMP+CAN	5/32	4.0 TTG (MC)		U A
4105	COMP+CAN	3/16	5.0 TPG (m)		U A	4622	COMP+CAN	3/16	5.0 TTG (MC)		U A
2878	COMP+CAN	1/8	3.0 TTG (MC)		U A	5479	COMP+CAN	1/4	6.0 TTG (MC)		U A
2879	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Cardinal FG ; Durant, OK:</b>					
2880	COMP+CAN	3/16	5.0 TTG (MC)		U A	2909	COMP+CAN	1/8	3.0 TTG (MC)		U A
2881	COMP+CAN	1/4	6.0 TTG (MC)		U A	2910	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Cardinal CT ; Dixon, CA:</b>						2911	COMP+CAN	3/16	5.0 TTG (MC)		U A
8674	COMPOSITE	1/8	3.0 TPG (s)		U A	2912	COMP+CAN	1/4	6.0 TTG (MC)		U A
8675	COMPOSITE	5/32	4.0 TPG (s)		U A	<b>Cardinal FG ; Greenland, TN:</b>					
8676	COMPOSITE	3/16	5.0 TPG (s)		U A	598	COMP+CAN	1/8	3.0 TTG (MC)		U A
8480	COMPOSITE	1/8	3.0 TTG (MC)		U A	955	COMP+CAN	5/32	4.0 TTG (MC)		U A
8481	COMPOSITE	5/32	4.0 TTG (MC)		U A	220	COMP+CAN	3/16	5.0 TTG (MC)		U A
8482	COMPOSITE	3/16	5.0 TTG (MC)		U A	89	COMP+CAN	1/4	6.0 TTG (MC)		U A
2842	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>Cardinal IG ; Buckeye, AZ:</b>					
<b>Cardinal CT ; Easton, PA:</b>						7491	COMP+CAN	1/8	3.0 TPG (m)		U A
4759	COMP+CAN	1/8	3.0 TPG (d)		U A	6525	COMP+CAN	5/32	4.0 TPG (d)		U A
4760	COMP+CAN	5/32	4.0 TPG (s)		U A	6559	COMP+CAN	3/16	5.0 TPG (m)		U A
6143	COMP+CAN	3/16	5.0 TPG (m)		U A	6556	COMP+CAN	1/8	3.0 TTG (MC)		U A
4756	COMP+CAN	1/8	3.0 TTG (MC)		U A	6522	COMP+CAN	5/32	4.0 TTG (MC)		U A
4757	COMP+CAN	5/32	4.0 TTG (MC)		U A	6523	COMP+CAN	3/16	5.0 TTG (MC)		U A
4758	COMP+CAN	3/16	5.0 TTG (MC)		U A	6524	COMP+CAN	1/4	6.0 TTG (MC)		U A
5842	COMP+CAN	1/4	6.0 TTG		U A	6557	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>Cardinal CT ; Fort Worth, TX:</b>						<b>Cardinal IG ; Fargo, ND:</b>					
7321	COMP+CAN	1/8	3.0 TPG (m)		U A	2231	COMP+CAN	1/8	3.0 TPG (s)		U A
7323	COMP+CAN	5/32	4.0 TPG (m)		U A	2285	COMP+CAN	5/32	4.0 TPG (m)		U A
7322	COMP+CAN	3/16	5.0 TPG (m)		U A	2286	COMP+CAN	3/16	5.0 TPG (s)		U A
7317	COMP+CAN	1/8	3.0 TTG (MC)		U A	2235	COMP+CAN	1/8	3.0 TTG (MC)		U A
7318	COMP+CAN	5/32	4.0 TTG (MC)		U A	2234	COMP+CAN	5/32	4.0 TTG (MC)		U A
7319	COMP+CAN	3/16	5.0 TTG (MC)		U A	2233	COMP+CAN	3/16	5.0 TTG (MC)		U A
7320	COMP+CAN	1/4	6.0 TTG (MC)		U A	2232	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Cardinal CT ; Loveland, CO:</b>						7067	COMP+CAN	5/16	8.0 TTG (MC)		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	<b>Cardinal IG ; Fremont, IN:</b>					
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	2203	COMP+CAN	1/8	3.0 TPG (s)		U A
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	2204	COMP+CAN	5/32	4.0 TPG (m)		U A
5720	COMPOSITE	1/4	6.0 TPG (d)		U A	2205	COMP+CAN	3/16	5.0 TPG (s)		U A
3579	COMPOSITE	1/8	3.0 TTG (MC)		U A	2176	COMP+CAN	1/8	3.0 TTG (MC)		U A
3580	COMPOSITE	5/32	4.0 TTG (MC)		U A	2177	COMP+CAN	5/32	4.0 TTG (MC)		U A
3581	COMPOSITE	3/16	5.0 TTG (MC)		U A	2178	COMP+CAN	3/16	5.0 TTG (MC)		U A
3555	COMPOSITE	1/4	6.0 TTG (MC)		U A	2179	COMP+CAN	1/4	6.0 TTG (MC)		U A
9268	COMPOSITE	5/16	8.0 TTG		U A	<b>Cardinal IG ; Greenfield, IA:</b>					
8870	COMPOSITE	3/8	10.0 TTG		U A	1841	COMP+CAN	1/8	3.0 TPG (s)		U A
9267	COMPOSITE	3/8	10.0 TTG (m)		U A	1842	COMP+CAN	5/32	4.0 TPG (d)		U A
8969	COMPOSITE	1/2	12.0 TTG		U A	1843	COMP+CAN	3/16	5.0 TPG (s)		U A
<b>Cardinal CT ; Moreno Valley, CA:</b>						1827	COMP+CAN	1/8	3.0 TTG (MC)		U A
5335	COMP+CAN	1/8	3.0 TPG (s)		U A	1828	COMP+CAN	5/32	4.0 TTG (MC)		U A
9151	COMP+CAN	5/32	4.0 TPG (d)		U A	1829	COMP+CAN	3/16	5.0 TTG (MC)		U A
5336	COMP+CAN	3/16	5.0 TPG (m)		U A	1830	COMP+CAN	1/4	6.0 TTG (MC)		U A
2293	COMP+CAN	1/8	3.0 TTG (MC)		U A	5435	COMP+CAN	5/16	8.0 TTG		U A
2294	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Cardinal IG ; Hood River, OR:</b>					
2295	COMP+CAN	3/16	5.0 TTG (MC)		U A	2857	COMP+CAN	1/8	3.0 TPG (s)		U A
2296	COMP+CAN	1/4	6.0 TTG (MC)		U A	4836	COMP+CAN	5/32	4.0 TPG (d)		U A
<b>Cardinal CT ; Mount Airy, NC:</b>						2859	COMP+CAN	3/16	5.0 TPG (m)		U A
4581	COMP+CAN	1/8	3.0 TPG (s)		U A	2831	COMP+CAN	1/8	3.0 TTG (MC)		U A
4742	COMP+CAN	5/32	4.0 TPG (s)		U A	2858	COMP+CAN	5/32	4.0 TTG (MC)		U A
4582	COMP+CAN	3/16	5.0 TPG (m)		U A	2833	COMP+CAN	3/16	5.0 TTG (MC)		U A
4578	COMP+CAN	1/8	3.0 TTG (MC)		U A	2834	COMP+CAN	1/4	6.0 TTG (MC)		U A
4579	COMP+CAN	5/32	4.0 TTG (MC)		U A	7926	COMP+CAN	5/16	8.0 TTG		U A
4580	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Cardinal IG ; Mountain Top, PA:</b>					
8134	COMP+CAN	1/4	6.0 TTG (MC)		U A	8655	COMP+CAN	1/8	3.0 TPG (m)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
3115	COMP+CAN	5/32	4.0 TPG (d)		U A	<b>Cardinal LG ; Statesboro, GA:</b>					
3072	COMP+CAN	3/16	5.0 TPG (m)		U A	9916	COMP+CAN	5/32	4.0 TPG (s)		U A
3068	COMP+CAN	1/8	3.0 TPG (MC)		U A	9918	COMP+CAN	3/16	5.0 TPG (s)		U A
3069	COMP+CAN	5/32	4.0 TPG (MC)		U A	9919	COMP+CAN	1/4	6.0 TPG (s)		U A
3070	COMP+CAN	3/16	5.0 TPG (MC)		U A	9915	COMP+CAN	1/8	3.0 TPG (MC)		U A
3071	COMP+CAN	1/4	6.0 TPG (MC)		U A	2314	COMP+CAN	3/16	5.0 TPG (MC)		U A
9720	COMP+CAN	5/16	8.0 TPG		U A	2310	COMP+CAN	1/4	6.0 TPG (MC)		U A
<b>Cardinal IG ; Ocala, FL:</b>						4720	COMP+CAN	5/16	8.0 TPG		U A
8850	COMP+CAN	1/8	3.0 TPG (m)		U A	2311	COMP+CAN	3/8	10.0 TPG		U A
8851	COMP+CAN	3/16	5.0 TPG (m)		U A	9920	COMP+CAN	1/2	12.0 TPG		U A
8852	COMP+CAN	1/4	6.0 TPG (s)		U A	<b>Cardinal LG Northeast ; Jessup, PA:</b>					
8846	COMP+CAN	1/8	3.0 TPG (MC)		U A	7496	COMP+CAN	1/8	3.0 TPG		U A
8847	COMP+CAN	5/32	4.0 TPG (MC)		U A	7497	COMP+CAN	5/32	4.0 TPG		U A
8848	COMP+CAN	3/16	5.0 TPG (MC)		U A	7498	COMP+CAN	3/16	5.0 TPG (MC)		U A
8849	COMP+CAN	1/4	6.0 TPG (MC)		U A	7499	COMP+CAN	1/4	6.0 TPG		U A
<b>Cardinal IG ; Spring Green, WI:</b>						7500	COMP+CAN	5/16	8.0 TPG		U A
1844	COMP+CAN	1/8	3.0 TPG (s)		U A	7549	COMP+CAN	3/8	10.0 TPG		U A
1845	COMP+CAN	5/32	4.0 TPG (m)		U A	7550	COMP+CAN	1/2	12.0 TPG		U A
5912	COMP+CAN	3/16	5.0 TPG (s)		U A	<b>Cardinal TG ; Chehalis, WA:</b>					
1831	COMP+CAN	1/8	3.0 TPG (MC)		U A	3455	COMP+CAN	1/8	3.0 TPG		U A
5910	COMP+CAN	5/32	4.0 TPG (MC)		U A	3456	COMP+CAN	5/32	4.0 TPG		U A
5911	COMP+CAN	3/16	5.0 TPG (MC)		U A	3458	COMP+CAN	3/16	5.0 TPG		U A
1834	COMP+CAN	1/4	6.0 TPG (MC)		U A	3459	COMP+CAN	1/4	6.0 TPG		U A
<b>Cardinal IG ; Tomah, WI:</b>						<b>Carey Glass UC ; Nenagh, Co. Tipperary:</b>					
2321	COMP+CAN	1/8	3.0 TPG (m)		U A	5998	COMP+CAN	1/4	6.0 TPG (MC)		U A
2322	COMP+CAN	5/32	4.0 TPG (d)		U A	5999	COMP+CAN	5/16	8.0 TPG (MC)		U A
2323	COMP+CAN	3/16	5.0 TPG (d)		U A	6000	COMP+CAN	3/8	10.0 TPG (MC)		U A
2317	COMP+CAN	1/8	3.0 TPG (MC)		U A	<b>Cat-I Manufacturing, Inc. ; South Elgin, IL:</b>					
2318	COMP+CAN	5/32	4.0 TPG (MC)		U A	8076	COMP+CAN	1/8	3.0 TPG	24x36	A
2319	COMP+CAN	3/16	5.0 TPG (MC)		U A	5755	COMP+CAN	5/32	4.0 TPG	24x36	A
2320	COMP+CAN	1/4	6.0 TPG (MC)		U A	9767	COMP+CAN	3/16	5.0 TPG (MC)		U A
6069	COMP+CAN	5/16	8.0 TPG (MC)		U A	9768	COMP+CAN	1/4	6.0 TPG (MC)		U A
<b>Cardinal IG ; Vinton, VA:</b>						<b>Central Florida Glass &amp; Mirror, Inc ; Sebring, FL:</b>					
2923	COMP+CAN	1/8	3.0 TPG (s)		U A	8970	COMPOSITE	3/16	5.0 TPG (IN)		U A
2924	COMP+CAN	5/32	4.0 TPG (d)		U A	IN					
3619	COMP+CAN	3/16	5.0 TPG (s)		U A	8971	COMPOSITE	1/4	6.0 TPG		U A
2919	COMP+CAN	1/8	3.0 TPG (MC)		U A	8972	COMPOSITE	3/8	10.0 TPG		U A
2920	COMP+CAN	5/32	4.0 TPG (MC)		U A	8973	COMPOSITE	1/2	12.0 TPG (IN)		U A
2921	COMP+CAN	3/16	5.0 TPG (MC)		U A	IN					
2922	COMP+CAN	1/4	6.0 TPG (MC)		U A	<b>Central Valley Glass &amp; Screen, Inc. ; Sacramento, CA:</b>					
<b>Cardinal IG ; Waxahachie, TX:</b>						9882	COMPOSITE	1/8	3.0 TPG (m)		U A
2397	COMP+CAN	1/8	3.0 TPG (m)		U A	9883	COMPOSITE	5/32	4.0 TPG (d)		U A
8921	COMP+CAN	5/32	4.0 TPG (d)		U A	9884	COMPOSITE	3/16	5.0 TPG (m)		U A
2399	COMP+CAN	3/16	5.0 TPG (m)		U A	9885	COMPOSITE	1/4	6.0 TPG (m)		U A
2328	COMP+CAN	1/8	3.0 TPG		U A	9886	COMPOSITE	3/8	10.0 TPG (s)		U A
2329	COMP+CAN	5/32	4.0 TPG (MC)		U A	7551	COMPOSITE	1/8	3.0 TPG (MC)		U A
2330	COMP+CAN	3/16	5.0 TPG (MC)		U A	7552	COMPOSITE	5/32	4.0 TPG (MC)		U A
2331	COMP+CAN	1/4	6.0 TPG (MC)		U A	7553	COMPOSITE	3/16	5.0 TPG (MC)		U A
<b>Cardinal LG ; Amery, WI:</b>						7554	COMPOSITE	1/4	6.0 TPG (MC)		U A
8255	COMP+CAN	5/32	4.0 TPG (MC)		U A	7555	COMPOSITE	3/8	10.0 TPG		U A
5193	COMP+CAN	3/16	5.0 TPG (MC)		U A	7556	COMPOSITE	1/2	12.0 TPG		U A
4841	COMP+CAN	1/4	6.0 TPG (MC)		U A	<b>CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC:</b>					
4842	COMP+CAN	5/16	8.0 TPG (MC)		U A	7809	COMP+CAN	1/8	3.0 TPG (MC)		U A
4843	COMP+CAN	3/8	10.0 TPG (MC)		U A	7239	COMP+CAN	3/16	5.0 TPG		U A
4844	COMP+CAN	1/2	12.0 TPG (MC)		U A	7240	COMP+CAN	1/4	6.0 TPG (MC)		U A
6484	COMP+CAN	5/8	16.0 TPG (IN)		U A	7243	COMP+CAN	3/8	10.0 TPG		U A
IN						7241	COMP+CAN	1/2	12.0 TPG		U A
<b>Cardinal LG ; Ocala, FL:</b>						<b>Changshu Fardglass Co. Ltd. ; Changshu, Jiangsu:</b>					
4584	COMPOSITE	1/8	3.0 TPG (m)		U A	6684	COMP+CAN	1/8	3.0 TPG (MC)		U A
4587	COMPOSITE	1/4	6.0 TPG (s)		U A	<b>Changshu Mingyang Glass Products Co., Ltd. ; Changshu, Jiangsu:</b>					
3505	COMPOSITE	1/8	3.0 TPG (MC)		U A	9288	COMP+CAN	1/4	6.0 TPG		U A
3506	COMPOSITE	5/32	4.0 TPG (MC)		U A	8553	COMP+CAN	1/8	3.0 TPG		U A
3507	COMPOSITE	3/16	5.0 TPG (MC)		U A						
3508	COMPOSITE	1/4	6.0 TPG (MC)		U A						

*Certified Products-Alphabetical By Plant-Tempered/Other*

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8853	COMP+CAN	5/32	4.0 TTG		U A	<b>Commercial Insulating Glass Co. ; Cumberland City, TN:</b>					
8766	COMP+CAN	1/4	6.0 TTG		U A	3806	COMPOSITE	1/8	3.0 TTG (MC)		U A
8767	COMP+CAN	5/16	8.0 TTG		U A	3807	COMPOSITE	3/16	5.0 TTG (MC)		U A
8854	COMP+CAN	3/8	10.0 TTG		U A	3808	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu:</b>						<b>Compagnie de Portes Énergétique EDC (Energy Door Company) ; L'Assomption, Quebec:</b>					
5351	COMPOSITE	1/8	3.0 TTG (MC)		U A	7192	COMP+CAN	5/32	4.0 TTG (MC)		U A
5352	COMPOSITE	5/32	4.0 TTG		U A	<b>Complete Line Glass Wholesalers, Inc. ; San Antonio, TX:</b>					
5353	COMPOSITE	3/16	5.0 TTG		U A	7570	COMPOSITE	3/16	5.0 TPG (m)		U A
5354	COMPOSITE	1/4	6.0 TTG		U A	7572	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu:</b>						7565	COMPOSITE	1/8	3.0 TTG (MC)		U A
4657	COMP+CAN	1/8	3.0 TTG		U A	7566	COMPOSITE	5/32	4.0 TTG		U A
5151	COMP+CAN	5/16	8.0 TTG		U A	7567	COMPOSITE	3/16	5.0 TTG (MC)		U A
5152	COMP+CAN	3/8	10.0 TTG		U A	7568	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu:</b>						7569	COMPOSITE	3/8	10.0 TTG		U A
2432	COMP+CAN	1/8	3.0 TTG (MC)		U A	<b>Consolidated Glass Corp. ; New Castle, PA:</b>					
6191	COMP+CAN	5/32	4.0 TTG (MC)		U A	2355	COMPOSITE	5/32	4.0 TPG (m)		U A
6475	COMP+CAN	3/16	5.0 TTG (MC)		U A	2354	COMPOSITE	3/16	5.0 TPG (m)		U A
6499	COMP+CAN	1/4	6.0 TTG		U A	4714	COMPOSITE	1/4	6.0 TPG (m)		U A
6500	COMP+CAN	5/16	8.0 TTG		U A	4785	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Changshu Zhouxing Craft Glass Factory ; Changshu, Jiangsu:</b>						1998	COMPOSITE	1/8	3.0 TTG		U A
4936	COMP+CAN	1/8	3.0 TTG		U A	1999	COMPOSITE	5/32	4.0 TTG		U A
<b>Chicago Tempered Glass, Inc. ; Chicago, IL:</b>						2005	COMPOSITE	3/16	5.0 TTG		U A
3086	COMPOSITE	5/32	4.0 TTG		U A	2002	COMPOSITE	1/4	6.0 TTG		U A
3087	COMPOSITE	3/16	5.0 TTG (MC)		U A	3635	COMPOSITE	5/16	8.0 TTG		U A
3088	COMPOSITE	1/4	6.0 TTG (MC)		U A	2003	COMPOSITE	3/8	10.0 TTG		U A
3089	COMPOSITE	3/8	10.0 TTG		U A	2004	COMPOSITE	1/2	12.0 TTG		U A
3090	COMPOSITE	1/2	12.0 TTG		U A	<b>Contour Industries, Inc. ; Surgoinville, TN:</b>					
<b>Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing:</b>						4703	COMP+CAN	1/8	3.0 TPG (s)		U A
6810	COMP+CAN	1/4	6.0 TTG		U A	4704	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A
6811	COMP+CAN	5/16	8.0 TTG		U A	IN					
6812	COMP+CAN	3/8	10.0 TTG		U A	4705	COMP+CAN	3/16	5.0 TPG (s)		U A
6813	COMP+CAN	*	12.0 TTG (3)		U A	1680	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya:</b>						4285	COMP+CAN	5/32	4.0 TTG		U A
8743	COMP+CAN	3/16	5.0 TTG		U A	1678	COMP+CAN	3/16	5.0 TTG		U A
8744	COMP+CAN	1/4	6.0 TTG		U A	1677	COMP+CAN	1/4	6.0 TTG		U A
8745	COMP+CAN	5/16	8.0 TTG		U A	4701	COMP+CAN	5/16	8.0 TTG		U A
8746	COMP+CAN	3/8	10.0 TTG		U A	4702	COMP+CAN	3/8	10.0 TTG		U A
8747	COMP+CAN	*	12.0 TTG (3)		U A	<b>Contractors Wardrobe ; Valencia, CA:</b>					
<b>Citywide Glass Services ; Taunton, MA:</b>						3473	COMP+CAN	1/8	3.0 TPG (m)		U A
9242	COMPOSITE	1/8	3.0 TTG (MC)		U A	3474	COMP+CAN	5/32	4.0 TPG (d)		U A
9215	COMPOSITE	3/16	5.0 TTG (MC)		U A	3475	COMP+CAN	3/16	5.0 TPG (m)		U A
9216	COMPOSITE	1/4	6.0 TTG (MC)		U A	3476	COMP+CAN	1/4	6.0 TPG (s)		U A
9217	COMPOSITE	3/8	10.0 TTG		U A	3477	COMP+CAN	3/8	10.0 TPG (s)		U A
9218	COMPOSITE	1/2	12.0 TTG		U A	3464	COMP+CAN	1/8	3.0 TTG		U A
<b>Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province:</b>						3465	COMP+CAN	5/32	4.0 TTG		U A
9075	COMPOSITE	1/4	6.0 TTG		U A	3466	COMP+CAN	3/16	5.0 TTG		U A
9076	COMPOSITE	3/8	10.0 TTG		U A	3467	COMP+CAN	1/4	6.0 TTG		U A
9077	COMPOSITE	*	12.0 TTG (3)		U A	3468	COMP+CAN	5/16	8.0 TTG		U A
<b>Cleer Vision Tempered Glass ; Elkhart, IN:</b>						3469	COMP+CAN	3/8	10.0 TTG		U A
8654	COMP+CAN	1/8	3.0 TPG (s)		U A	3470	COMP+CAN	1/2	12.0 TTG		U A
4546	COMP+CAN	1/8	3.0 TTG		U A	3472	COMP+CAN	3/4	19.0 TTG		U A
8652	COMP+CAN	5/32	4.0 TTG		U A	<b>Control Glass, A&amp;S, S.L. ; Teruel, Spain:</b>					
8653	COMP+CAN	3/16	5.0 TTG		U A	7791	COMP+CAN	5/32	4.0 TTG		U A
7630	COMP+CAN	1/4	6.0 TTG		U A	7792	COMP+CAN	1/4	6.0 TTG		U A
<b>Clinton Glass Company ( Middlebrook Pike ) ; Knoxville, TN:</b>						7793	COMP+CAN	3/8	10.0 TTG		U A
7543	COMPOSITE	1/4	6.0 TTG		U A	7988	COMP+CAN	*	12.0 TTG (4)		U A
7831	COMPOSITE	5/16	8.0 TTG		U A	<b>Coral Industries Glass Division ; Tuscaloosa, AL:</b>					
7544	COMPOSITE	3/8	10.0 TTG		U A	1964	COMPOSITE	3/16	5.0 TPG (m)		U A
7545	COMPOSITE	1/2	12.0 TTG		U A	2944	COMPOSITE	1/4	6.0 TPG (d)		U A
						2945	COMPOSITE	3/8	10.0 TPG (d)		U A
						1910	COMPOSITE	3/16	5.0 TTG		U A
						1911	COMPOSITE	1/4	6.0 TTG		U A
						2144	COMPOSITE	3/8	10.0 TTG		U A
						2145	COMPOSITE	1/2	12.0 TTG		U A

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
<b>Crystal Glass International SDN BHD ; Shah Alam, Selangor:</b>						3916	COMPOSITE	5/8	16.0 TTG		U A
9757	COMPOSITE	5/32	4.0 TTG		U A	3917	COMPOSITE	3/4	19.0 TTG		U A
9758	COMPOSITE	3/16	5.0 TTG		U A	<b>Dolphin Glass Specialists, LLC ; Miami Gardens, FL:</b>					
9759	COMPOSITE	1/4	6.0 TTG		U A	7840	COMPOSITE	1/4	6.0 TTG		U A
9760	COMPOSITE	5/16	8.0 TTG		U A	<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province:</b>					
9761	COMPOSITE	3/8	10.0 TTG		U A	3932	COMP+CAN	5/32	4.0 TTG		U A
9762	COMPOSITE	*	12.0 TTG (3)		U A	3933	COMP+CAN	3/16	5.0 TTG		U A
<b>Crystal Tempering, Inc. ; Debary, FL:</b>						3934	COMP+CAN	1/4	6.0 TTG		U A
6214	COMPOSITE	3/16	5.0 TPG (m)		U A	3935	COMP+CAN	5/16	8.0 TTG		U A
6215	COMPOSITE	1/4	6.0 TPG (s)		U A	3936	COMP+CAN	3/8	10.0 TTG		U A
6216	COMPOSITE	3/8	10.0 TPG (s)		U A	3937	COMP+CAN	*	12.0 TTG (3)		U A
6209	COMPOSITE	3/16	5.0 TTG		U A	3938	COMP+CAN	*	15.0 TTG (3)		U A
6210	COMPOSITE	1/4	6.0 TTG		U A	3939	COMP+CAN	3/4	19.0 TTG		U A
6211	COMPOSITE	3/8	10.0 TTG		U A	<b>Dost Cam Sanayi ve Ticaret A.S. ; Cigli, Izmir:</b>					
6212	COMPOSITE	1/2	12.0 TTG		U A	8976	COMPOSITE	5/32	4.0 TTG		U A
<b>CS ECO Glass (M) Sdn Bhd ; Sungai Gadut, Negeri Sembilan:</b>						8977	COMPOSITE	3/16	5.0 TTG		U A
6867	COMPOSITE	3/16	5.0 TTG		U A	8978	COMPOSITE	1/4	6.0 TTG		U A
6868	COMPOSITE	1/4	6.0 TTG		U A	8962	COMPOSITE	5/16	8.0 TTG		U A
6869	COMPOSITE	5/16	8.0 TTG		U A	8963	COMPOSITE	3/8	10.0 TTG		U A
6870	COMPOSITE	3/8	10.0 TTG		U A	<b>Double Seal Insulating Glass Ltd. ; Toronto, Ontario:</b>					
6871	COMPOSITE	1/2	12.0 TTG		U A	8307	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Custom Glass Products Inc. ; Weston, WI:</b>						8308	COMP+CAN	5/32	4.0 TTG (MC)		U A
4002	COMPOSITE	1/4	6.0 TTG (MC)		U A	8309	COMP+CAN	3/16	5.0 TTG (MC)		U A
6671	COMPOSITE	1/2	12.0 TTG		U A	8310	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>D3 Glass, LLC ; Fort Myers, FL:</b>						<b>Downey Glass ; Pompano Beach, FL:</b>					
7626	COMPOSITE	3/8	10.0 TPG (s)		U A	2661	COMPOSITE	3/16	5.0 TTG		U A
7627	COMPOSITE	1/4	6.0 TTG		U A	2662	COMPOSITE	1/4	6.0 TTG (MC)		U A
7628	COMPOSITE	3/8	10.0 TTG		U A	5554	COMPOSITE	5/16	8.0 TTG		U A
7629	COMPOSITE	1/2	12.0 TTG		U A	2663	COMPOSITE	3/8	10.0 TTG		U A
<b>Dalian Huaying Glass Limited Liability Co. ; Dalian, Liaoning:</b>						2664	COMPOSITE	1/2	12.0 TTG		U A
5260	COMP+CAN	1/8	3.0 TTG		U A	2665	COMPOSITE	3/4	19.0 TTG		U A
6639	COMP+CAN	5/32	4.0 TTG		U A	<b>Dulles Glass ; Manassas, VA:</b>					
5261	COMP+CAN	3/16	5.0 TTG		U A	5123	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Dallas Flat Glass ; Carrollton, TX:</b>						4918	COMPOSITE	3/16	5.0 TTG		U A
4790	COMPOSITE	1/8	3.0 TTG (MC)		U A	4061	COMPOSITE	1/4	6.0 TTG		U A
4763	COMPOSITE	3/16	5.0 TTG (MC)		U A	4062	COMPOSITE	3/8	10.0 TTG		U A
3701	COMPOSITE	1/4	6.0 TTG (MC)		U A	4063	COMPOSITE	1/2	12.0 TTG		U A
4566	COMPOSITE	3/8	10.0 TTG		U A	<b>Echols Glass and Mirror, Inc. ; Buford, GA:</b>					
4567	COMPOSITE	1/2	12.0 TTG		U A	6318	COMPOSITE	3/16	5.0 TPG (m)		U A
8174	COMPOSITE	3/4	19.0 TTG		U A	6319	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Denver Glass Interiors, Inc. ; Englewood, CO:</b>						7712	COMPOSITE	1/8	3.0 TTG		U A
9222	COMPOSITE	3/16	5.0 TPG (m)		U A	6314	COMPOSITE	3/16	5.0 TTG		U A
4507	COMPOSITE	1/4	6.0 TPG (m)		U A	6315	COMPOSITE	1/4	6.0 TTG		U A
4508	COMPOSITE	3/8	10.0 TPG (s)		U A	6316	COMPOSITE	3/8	10.0 TTG		U A
3865	COMPOSITE	3/16	5.0 TTG		U A	6317	COMPOSITE	1/2	12.0 TTG		U A
3866	COMPOSITE	1/4	6.0 TTG		U A	<b>ECO Glass Production ; Medley, FL:</b>					
3867	COMPOSITE	3/8	10.0 TTG		U A	8367	COMP+CAN	1/8	3.0 TTG		U A
3868	COMPOSITE	1/2	12.0 TTG		U A	8369	COMP+CAN	3/16	5.0 TTG		U A
<b>Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang:</b>						8370	COMP+CAN	1/4	6.0 TTG		U A
4055	COMPOSITE	1/8	3.0 TTG		U A	<b>Edge Tempering ; Hialeah, FL:</b>					
4057	COMPOSITE	3/16	5.0 TTG		U A	7280	COMPOSITE	3/16	5.0 TTG		U A
<b>Diamond Glass ; Dublin, Ireland:</b>						6297	COMPOSITE	1/4	6.0 TTG		U A
8302	COMP+CAN	5/16	8.0 TTG		U A	6298	COMPOSITE	3/8	10.0 TTG		U A
8303	COMP+CAN	3/8	10.0 TTG		U A	6299	COMPOSITE	1/2	12.0 TTG		U A
8304	COMP+CAN	*	12.0 TTG (3)		U A	<b>EFCO Corporation ; Monett, MO:</b>					
<b>Dillmeier Enterprise, Inc. ; Van Buren, AR:</b>						2143	COMPOSITE	3/16	5.0 TPG (s)		U A
4838	COMPOSITE	1/8	3.0 TTG		U A	4121	COMPOSITE	1/8	3.0 TTG		U A
3912	COMPOSITE	3/16	5.0 TTG		U A	1901	COMPOSITE	3/16	5.0 TTG		U A
3913	COMPOSITE	1/4	6.0 TTG		U A	1902	COMPOSITE	1/4	6.0 TTG (MC)		U A
4839	COMPOSITE	5/16	8.0 TTG		U A	4154	COMPOSITE	5/16	8.0 TTG		U A
3914	COMPOSITE	3/8	10.0 TTG		U A	8233	COMPOSITE	3/8	10.0 TTG		U A
3915	COMPOSITE	1/2	12.0 TTG		U A						



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SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
<b>Eko-Okna S.A. ; Kornice, Poland:</b>						<b>8697 COMP+CAN 3/8 10.0 TTG U A</b>					
9117	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Foshan Gaoming Yaqi Toughened Glass ; Foshan, Guangdong Province:</b>					
9118	COMP+CAN	1/4	6.0 TTG (MC)		U A	6123	COMP+CAN	1/4	6.0 TBG		U A
9119	COMP+CAN	5/16	8.0 TTG (MC)		U A	6124	COMP+CAN	5/16	8.0 TBG		U A
9120	COMP+CAN	3/8	10.0 TTG (MC)		U A	9838	COMP+CAN	5/32	4.0 TPG (s)		U A
9121	COMP+CAN	*	12.0 TTG (3)(MC)		U A	9839	COMP+CAN	3/16	5.0 TPG (d)		U A
<b>Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California:</b>						9840	COMP+CAN	1/4	6.0 TPG (s)		U A
9906	COMP+CAN	3/16	5.0 TTG		U A	7717	COMP+CAN	5/16	8.0 TPG (s)		U A
9936	COMP+CAN	1/4	6.0 TTG (MC)		U A	8627	COMP+CAN	3/16	5.0 TTG		U A
9937	COMP+CAN	5/16	8.0 TTG (MC)		U A	6119	COMP+CAN	1/4	6.0 TTG		U A
9938	COMP+CAN	3/8	10.0 TTG		U A	6120	COMP+CAN	5/16	8.0 TTG		U A
9939	COMP+CAN	1/2	12.0 TTG		U A	6121	COMP+CAN	3/8	10.0 TTG		U A
<b>Engineered Glass Products, L.L.C. ; Chicago, IL:</b>						6122	COMP+CAN	1/2	12.0 TTG		U A
4388	COMPOSITE	1/8	3.0 TTG (MC)	26x72	A	<b>Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong Province:</b>					
2589	COMPOSITE	5/32	4.0 TTG (MC)	26x72	A	8260	COMPOSITE	3/16	5.0 TTG		U A
8185	COMPOSITE	3/16	5.0 TTG (MC)	26x72	A	8261	COMPOSITE	1/4	6.0 TTG		U A
<b>Erdem Dis Ticaret A.S. ; Pendik, Istanbul:</b>						8262	COMPOSITE	5/16	8.0 TTG		U A
7609	COMP+CAN	1/4	6.0 TTG		U A	8263	COMPOSITE	3/8	10.0 TTG		U A
7610	COMP+CAN	5/16	8.0 TTG		U A	<b>Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province:</b>					
7611	COMP+CAN	3/8	10.0 TTG		U A	8321	COMP+CAN	1/4	6.0 TTG		U A
<b>Etalum ; Bucaramanga, Santander:</b>						8322	COMP+CAN	5/16	8.0 TTG		U A
9797	COMP+CAN	3/8	10.0 TTG		U A	8323	COMP+CAN	3/8	10.0 TTG		U A
9798	COMP+CAN	1/2	12.0 TTG		U A	9931	COMP+CAN	*	12.0 TTG (3)		U A
<b>Euroglas-De Landsheer NV ; Bornem, Belgium:</b>						<b>Fountain Glass Inc. ; Lenexa, KS:</b>					
9933	COMPOSITE	5/16	8.0 TTG		U A	7102	COMPOSITE	3/16	5.0 TPG (m)		U A
9932	COMPOSITE	3/8	10.0 TTG		U A	7100	COMPOSITE	1/4	6.0 TPG (s)		U A
<b>Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia:</b>						7103	COMPOSITE	3/8	10.0 TPG (s)		U A
8157	COMPOSITE	1/4	6.0 TTG (MC)		U A	7105	COMPOSITE	3/16	5.0 TTG		U A
8158	COMPOSITE	3/8	10.0 TTG		U A	7101	COMPOSITE	1/4	6.0 TTG		U A
8159	COMPOSITE	1/2	12.0 TTG		U A	7106	COMPOSITE	3/8	10.0 TTG		U A
<b>Fairis C.A. ; Ambato, Tungurahua:</b>						7104	COMPOSITE	1/2	12.0 TTG		U A
4425	COMPOSITE	5/32	4.0 TTG (MC)		U A	<b>Fujian Chengda Glass Co., Ltd ; Zhangzhou, Fujian:</b>					
4426	COMPOSITE	3/16	5.0 TTG		U A	7182	COMPOSITE	1/8	3.0 TTG (IN)		U A
4427	COMPOSITE	1/4	6.0 TTG (MC)		U A	IN					
4428	COMPOSITE	5/16	8.0 TTG		U A	7183	COMPOSITE	5/32	4.0 TTG (IN)		U A
4429	COMPOSITE	3/8	10.0 TTG		U A	IN					
<b>FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra:</b>						7874	COMPOSITE	3/16	5.0 TTG		U A
8417	COMP+CAN	5/32	4.0 TTG		U A	7185	COMPOSITE	1/4	6.0 TTG		U A
8418	COMP+CAN	1/4	6.0 TTG		U A	7186	COMPOSITE	5/16	8.0 TTG		U A
8419	COMP+CAN	5/16	8.0 TTG		U A	7187	COMPOSITE	3/8	10.0 TTG		U A
8420	COMP+CAN	3/8	10.0 TTG		U A	7188	COMPOSITE	1/2	12.0 TTG		U A
8421	COMP+CAN	1/2	12.0 TTG		U A	<b>Fujian Domoo Sanitary Ware Technology Co., Ltd. ; Quanzhou, Fujian:</b>					
<b>Flat Glass Distributors ; Jacksonville, FL:</b>						8030	COMPOSITE	3/16	5.0 TBG		U A
3828	COMPOSITE	1/8	3.0 TPG (m)		U A	8031	COMPOSITE	1/4	6.0 TBG		U A
3830	COMPOSITE	3/16	5.0 TPG (m)		U A	8032	COMPOSITE	5/16	8.0 TBG		U A
3831	COMPOSITE	1/4	6.0 TPG (s)		U A	8617	COMPOSITE	1/4	6.0 TPG (s)		U A
4638	COMPOSITE	3/8	10.0 TPG (s)		U A	8938	COMPOSITE	1/4	6.0 TPG (IN)(d)		U A
3822	COMPOSITE	1/8	3.0 TTG (MC)		U A	IN					
3823	COMPOSITE	3/16	5.0 TTG (MC)		U A	8023	COMPOSITE	5/32	4.0 TTG		U A
3824	COMPOSITE	1/4	6.0 TTG (MC)		U A	8024	COMPOSITE	3/16	5.0 TTG		U A
3825	COMPOSITE	3/8	10.0 TTG		U A	8025	COMPOSITE	1/4	6.0 TTG		U A
3826	COMPOSITE	1/2	12.0 TTG		U A	8026	COMPOSITE	5/16	8.0 TTG		U A
<b>Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang:</b>						8618	COMPOSITE	3/8	10.0 TTG		U A
5521	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Fujian Tider Glass Co., Ltd. ; Xiamen, Fujian:</b>					
5522	COMP+CAN	1/4	6.0 TTG (MC)		U A	8360	COMP+CAN	3/16	5.0 TPG (s)		U A
5523	COMP+CAN	5/16	8.0 TTG (MC)		U A	8361	COMP+CAN	1/4	6.0 TPG (m)		U A
5524	COMP+CAN	3/8	10.0 TTG		U A	8366	COMP+CAN	1/8	3.0 TTG		U A
8380	COMP+CAN	1/2	12.0 TTG		U A	7784	COMP+CAN	5/32	4.0 TTG		U A
<b>Foshan Douglas Glass Technology Co., LTD. ; Foshan, Guangdong Province:</b>						7785	COMP+CAN	3/16	5.0 TTG		U A
8695	COMP+CAN	1/4	6.0 TTG		U A	7786	COMP+CAN	1/4	6.0 TTG		U A
8696	COMP+CAN	5/16	8.0 TTG		U A	7787	COMP+CAN	5/16	8.0 TTG		U A
						7788	COMP+CAN	3/8	10.0 TTG		U A
						7789	COMP+CAN	1/2	12.0 TTG		U A

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		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
<b>Future Glass (China) Limited ; Dongguan, Guangdong Province:</b>						2226	COMPOSITE	3/16	5.0 TTG		U A
9755	COMP+CAN	3/8	10.0 TPG (s)		U A	2227	COMPOSITE	1/4	6.0 TTG		U A
9752	COMP+CAN	5/16	8.0 TTG		U A	4248	COMPOSITE	5/16	8.0 TTG		U A
9753	COMP+CAN	3/8	10.0 TTG		U A	2282	COMPOSITE	3/8	10.0 TTG		U A
9754	COMP+CAN	*	12.0 TTG (3)		U A	2228	COMPOSITE	1/2	12.0 TTG		U A
<b>Futureguard Building Products ; Auburn, ME:</b>						3857	COMPOSITE	5/8	16.0 TTG		U A
8663	COMP+CAN	5/32	4.0 TTG (MC)		U A	3858	COMPOSITE	3/4	19.0 TTG		U A
<b>G.E. Silliker &amp; Sons Ltd. ; Borden-Carleton, Prince Edward Island:</b>						4774	COMPOSITE	1	25.0 TTG (IN)		U A
8224	COMP+CAN	1/8	3.0 TTG (MC)		U A	<b>Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County:</b>					
8225	COMP+CAN	5/32	4.0 TTG (MC)		U A	7868	COMP+CAN	3/16	5.0 TTG		U A
8226	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>GLASPRO ; Santa Fe Springs, CA:</b>					
8227	COMP+CAN	1/4	6.0 TTG (MC)		U A	6047	COMP+CAN	1/4	6.0 TTG (MC)		U A
9765	COMP+CAN	1/4	6.0 TTG		U A	6048	COMP+CAN	1/2	12.0 TTG		U A
8228	COMP+CAN	5/16	8.0 TTG (MC)		U A	<b>Glass and Mirror Craft ; Wixom, MI:</b>					
8229	COMP+CAN	3/8	10.0 TTG		U A	4198	COMP+CAN	1/8	3.0 TTG (MC)		U A
8230	COMP+CAN	1/2	12.0 TTG		U A	5116	COMP+CAN	5/32	4.0 TTG		U A
8231	COMP+CAN	5/8	16.0 TTG		U A	4199	COMP+CAN	3/16	5.0 TTG (MC)		U A
8232	COMP+CAN	3/4	19.0 TTG		U A	4200	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Gardner Glass Products Inc. ; North Wilkesboro, NC:</b>						5598	COMP+CAN	3/8	10.0 TTG		U A
9849	COMP+CAN	3/16	5.0 TTG		U A	4202	COMP+CAN	1/2	12.0 TTG		U A
9850	COMP+CAN	1/4	6.0 TTG		U A	4203	COMP+CAN	5/8	16.0 TTG		U A
9851	COMP+CAN	3/8	10.0 TTG		U A	4204	COMP+CAN	3/4	19.0 TTG		U A
9852	COMP+CAN	1/2	12.0 TTG		U A	<b>Glass Enterprise Northeast ; Norwich, CT:</b>					
<b>Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia:</b>						9425	COMP+CAN	1/4	6.0 TTG (MC)		U A
5124	COMP+CAN	3/16	5.0 TTG (MC)		U A	9426	COMP+CAN	5/16	8.0 TTG (MC)		U A
4419	COMP+CAN	1/4	6.0 TTG (MC)		U A	9427	COMP+CAN	3/8	10.0 TTG (MC)		U A
5219	COMP+CAN	5/16	8.0 TTG (MC)		U A	<b>Glass Enterprises, Inc. ; Bensalem, PA:</b>					
4420	COMP+CAN	3/8	10.0 TTG (MC)		U A	4628	COMPOSITE	3/16	5.0 TTG (MC)		U A
4421	COMP+CAN	1/2	12.0 TTG		U A	4629	COMPOSITE	1/4	6.0 TTG (MC)		U A
9203	COMP+CAN	5/8	16.0 TTG		U A	9221	COMPOSITE	5/16	8.0 TTG		U A
4422	COMP+CAN	3/4	19.0 TTG		U A	6597	COMPOSITE	3/8	10.0 TTG		U A
<b>Gemtron Canada Corporation ; Midland, Ontario:</b>						6598	COMPOSITE	1/2	12.0 TTG		U A
3067	COMP+CAN	1/8	3.0 TTG (MC)		U A	8540	COMPOSITE	5/8	16.0 TTG		U A
3659	COMP+CAN	5/32	4.0 TTG (MC)		U A	8541	COMPOSITE	3/4	19.0 TTG		U A
3636	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Glass Group &amp; Seal Inc ; Concord, Ontario:</b>					
3637	COMP+CAN	1/4	6.0 TTG (MC)		U A	9003	COMP+CAN	3/16	5.0 TPG (s)		U A
6020	COMP+CAN	5/16	8.0 TTG		U A	9001	COMP+CAN	3/16	5.0 TTG		U A
6021	COMP+CAN	3/8	10.0 TTG		U A	9002	COMP+CAN	1/4	6.0 TTG		U A
<b>Gemtron Corporation ; Sweetwater, TN:</b>						9842	COMP+CAN	3/8	10.0 TTG		U A
1422	COMP+CAN	1/8	3.0 TPG (s)		U A	<b>Glass Insulators Inc. ; Bloomer, WI:</b>					
1424	COMP+CAN	5/32	4.0 TPG (s)		U A	9200	COMP+CAN	1/8	3.0 TPG (m)		U A
1334	COMP+CAN	1/8	3.0 TTG (MC)		U A	9007	COMP+CAN	1/8	3.0 TTG (MC)		U A
1332	COMP+CAN	5/32	4.0 TTG (MC)		U A	9008	COMP+CAN	5/32	4.0 TTG (MC)		U A
1201	COMP+CAN	3/16	5.0 TTG (MC)		U A	9009	COMP+CAN	3/16	5.0 TTG (MC)		U A
1477	COMP+CAN	1/4	6.0 TTG		U A	9010	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>General Glass ; Vancouver, WA:</b>						<b>Glassbel Baltic ; Klaipeda, Lithuania:</b>					
5750	COMPOSITE	1/8	3.0 TPG (s)		U A	6706	COMP+CAN	1/4	6.0 TTG (MC)		U A
7478	COMPOSITE	3/16	5.0 TPG (m)		U A	6707	COMP+CAN	5/16	8.0 TTG (MC)		U A
4031	COMPOSITE	1/8	3.0 TTG (MC)		U A	6708	COMP+CAN	3/8	10.0 TTG (MC)		U A
4032	COMPOSITE	5/32	4.0 TTG (MC)		U A	6709	COMP+CAN	1/2	12.0 TTG (MC)		U A
4033	COMPOSITE	3/16	5.0 TTG (MC)		U A	<b>GlassecoViracon ; Nazare Paulista, Sao Paulo:</b>					
4034	COMPOSITE	1/4	6.0 TTG (MC)		U A	9060	COMP+CAN	1/4	6.0 TTG (MC)		U A
8806	COMPOSITE	3/8	10.0 TTG		U A	9061	COMP+CAN	5/16	8.0 TTG (MC)		U A
5751	COMPOSITE	1/2	12.0 TTG		U A	9062	COMP+CAN	3/8	10.0 TTG (MC)		U A
<b>GGI Glass Distributors Corp. ; Secaucus, NJ:</b>						<b>Glassfab Canada ; Aldergrove, British Columbia:</b>					
3970	COMPOSITE	5/32	4.0 TPG (s)(IN)		U A	8640	COMP+CAN	1/8	3.0 TPG (s)		U A
IN						8636	COMP+CAN	1/8	3.0 TTG		U A
3971	COMPOSITE	3/16	5.0 TPG (m)		U A	8637	COMP+CAN	5/32	4.0 TTG		U A
3972	COMPOSITE	1/4	6.0 TPG (m)		U A	8638	COMP+CAN	3/16	5.0 TTG		U A
3973	COMPOSITE	3/8	10.0 TPG (s)		U A	8622	COMP+CAN	1/4	6.0 TTG		U A
3974	COMPOSITE	1/2	12.0 TPG (s)(IN)		U A	8623	COMP+CAN	3/8	10.0 TTG (IN)		U A
IN						IN					
2928	COMPOSITE	5/32	4.0 TTG (IN)		U A						
IN											

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA:</b>						<b>Glaz-Tech Industries, Inc. ; Englewood, CO:</b>					
6118	COMPOSITE	1/8	3.0 TTG (MC)		U A	2193	COMPOSITE	3/16	5.0 TPG (m)		U A
5986	COMPOSITE	3/16	5.0 TTG (MC)		U A	9726	COMP+CAN	1/8	3.0 TTG (MC)		U A
7024	COMPOSITE	1/4	6.0 TTG (MC)		U A	2186	COMPOSITE	3/16	5.0 TTG (MC)		U A
5988	COMPOSITE	3/8	10.0 TTG (MC)		U A	8505	COMP+CAN	1/4	6.0 TTG (MC)		U A
5989	COMPOSITE	1/2	12.0 TTG		U A	5143	COMPOSITE	3/8	10.0 TTG		U A
5990	COMPOSITE	3/4	19.0 TTG		U A	2189	COMPOSITE	1/2	12.0 TTG		U A
<b>GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA:</b>						<b>Glaz-Tech Industries, Inc. ; Phoenix, AZ:</b>					
7796	COMPOSITE	1/8	3.0 TPG (s)		U A	8892	COMPOSITE	3/16	5.0 TPG (m)		U A
5128	COMPOSITE	5/32	4.0 TPG (d)		U A	6588	COMPOSITE	3/8	10.0 TPG (s)		U A
7797	COMPOSITE	3/16	5.0 TPG (m)		U A	6582	COMPOSITE	1/8	3.0 TTG (MC)		U A
7798	COMPOSITE	1/4	6.0 TPG (s)		U A	6583	COMPOSITE	3/16	5.0 TTG (MC)		U A
4897	COMPOSITE	3/8	10.0 TPG (s)		U A	6584	COMPOSITE	1/4	6.0 TTG (MC)		U A
7799	COMPOSITE	1/8	3.0 TTG		U A	6585	COMPOSITE	3/8	10.0 TTG		U A
4889	COMPOSITE	3/16	5.0 TTG		U A	6586	COMPOSITE	1/2	12.0 TTG		U A
4891	COMPOSITE	1/4	6.0 TTG		U A	<b>Glaz-Tech Industries, Inc. ; Santa Teresa, NM:</b>					
7023	COMPOSITE	3/8	10.0 TTG		U A	6604	COMPOSITE	1/8	3.0 TPG (s)		U A
4890	COMPOSITE	1/2	12.0 TTG		U A	6605	COMPOSITE	3/16	5.0 TPG (m)		U A
4893	COMPOSITE	3/4	19.0 TTG		U A	6606	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Glasstech Industries B.S.C. ; Hidd, Manama:</b>						<b>6599</b> COMPOSITE 1/8 3.0 TTG (MC) U A					
7298	COMPOSITE	5/32	4.0 TTG		U A	6600	COMPOSITE	3/16	5.0 TTG (MC)		U A
7299	COMPOSITE	1/4	6.0 TTG		U A	6601	COMPOSITE	1/4	6.0 TTG (MC)		U A
7300	COMPOSITE	5/16	8.0 TTG (MC)		U A	6602	COMPOSITE	3/8	10.0 TTG		U A
<b>GlassTemp, Inc. ; Bellwood, IL:</b>						<b>6603</b> COMPOSITE 1/2 12.0 TTG U A					
8320	COMPOSITE	1/8	3.0 TTG (MC)		U A	<b>Glaz-Tech Industries, Inc. ; Shreveport, LA:</b>					
8151	COMPOSITE	3/16	5.0 TTG (MC)		U A	7736	COMP+CAN	1/8	3.0 TTG		U A
7695	COMPOSITE	1/4	6.0 TTG (MC)		U A	7737	COMP+CAN	3/16	5.0 TTG		U A
7696	COMPOSITE	3/8	10.0 TTG		U A	7738	COMP+CAN	1/4	6.0 TTG		U A
7697	COMPOSITE	1/2	12.0 TTG		U A	7739	COMP+CAN	3/8	10.0 TTG		U A
<b>Glasswerks GWA- West ; South Gate CA:</b>						<b>Glaz-Tech Industries, Inc. ; Tucson, AZ:</b>					
5480	COMPOSITE	5/32	4.0 TTG		U A	6579	COMPOSITE	1/8	3.0 TPG (s)		U A
5481	COMPOSITE	3/16	5.0 TTG (MC)		U A	6580	COMPOSITE	3/16	5.0 TPG (m)		U A
5482	COMPOSITE	1/4	6.0 TTG (MC)		U A	6581	COMPOSITE	3/8	10.0 TPG (s)		U A
<b>Glasswerks GWLA- East ; South Gate, CA:</b>						<b>6574</b> COMPOSITE 1/8 3.0 TTG (MC) U A					
4804	COMPOSITE	1/8	3.0 TTG (MC)		U A	6575	COMPOSITE	3/16	5.0 TTG (MC)		U A
5882	COMPOSITE	5/32	4.0 TTG		U A	6576	COMPOSITE	1/4	6.0 TTG (MC)		U A
4805	COMPOSITE	3/16	5.0 TTG (MC)		U A	6577	COMPOSITE	3/8	10.0 TTG		U A
4806	COMPOSITE	1/4	6.0 TTG (MC)		U A	6578	COMPOSITE	1/2	12.0 TTG		U A
5883	COMPOSITE	3/8	10.0 TTG (MC)		U A	<b>Glenny Glass Co. ; Milford, OH:</b>					
5884	COMPOSITE	1/2	12.0 TTG		U A	3841	COMPOSITE	1/8	3.0 TTG		U A
6921	COMPOSITE	5/8	16.0 TTG		U A	3843	COMPOSITE	3/16	5.0 TTG		U A
5885	COMPOSITE	3/4	19.0 TTG		U A	3844	COMPOSITE	1/4	6.0 TTG		U A
<b>Glasswerks GWT ; Temecula, CA:</b>						<b>3845</b> COMPOSITE 3/8 10.0 TTG U A					
6095	COMP+CAN	3/16	5.0 TTG (MC)		U A	3846	COMPOSITE	1/2	12.0 TTG		U A
6096	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Global Security Glazing ; Selma, AL:</b>					
6097	COMP+CAN	3/8	10.0 TTG		U A	4764	COMP+CAN	1/8	3.0 TTG		U A
6098	COMP+CAN	1/2	12.0 TTG		U A	4765	COMP+CAN	3/16	5.0 TTG		U A
<b>Glaz-Tech Industries, Inc. ; Albuquerque, NM:</b>						<b>4766</b> COMP+CAN 1/4 6.0 TTG (MC) U A					
8787	COMPOSITE	3/16	5.0 TPG (m)		U A	4767	COMP+CAN	3/8	10.0 TTG		U A
8788	COMPOSITE	3/8	10.0 TPG (s)		U A	4768	COMP+CAN	1/2	12.0 TTG		U A
8782	COMPOSITE	1/8	3.0 TTG (MC)		U A	<b>GnT Glass Co., Ltd. ; Dongguan, Guangdong Province:</b>					
8783	COMPOSITE	3/16	5.0 TTG (MC)		U A	6540	COMP+CAN	1/4	6.0 TTG		U A
8784	COMPOSITE	1/4	6.0 TTG (MC)		U A	5788	COMP+CAN	5/16	8.0 TTG		U A
8785	COMPOSITE	3/8	10.0 TTG		U A	5789	COMP+CAN	3/8	10.0 TTG		U A
8786	COMPOSITE	1/2	12.0 TTG		U A	5790	COMP+CAN	*	12.0 TTG (3)		U A
<b>Glaz-Tech Industries, Inc. ; Boise, ID:</b>						<b>Goldray Industries Ltd. ; Calgary, Alberta:</b>					
6713	COMPOSITE	3/16	5.0 TPG (m)		U A	2445	COMP+CAN	5/32	4.0 TTG		U A
6612	COMPOSITE	3/8	10.0 TPG (s)		U A	2446	COMP+CAN	3/16	5.0 TTG		U A
6607	COMPOSITE	1/8	3.0 TTG (MC)		U A	2447	COMP+CAN	1/4	6.0 TTG		U A
6608	COMPOSITE	3/16	5.0 TTG (MC)		U A	2448	COMP+CAN	3/8	10.0 TTG		U A
6609	COMPOSITE	1/4	6.0 TTG (MC)		U A	2449	COMP+CAN	1/2	12.0 TTG		U A
6610	COMPOSITE	3/8	10.0 TTG		U A						
6611	COMPOSITE	1/2	12.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Guang Dong Kibing Energy Saving Glass Co., LTD ; Heyuan City, Guangdong Province:</b>						<b>Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street):</b>					
9232	COMPOSITE	3/16	5.0 TTG		U A	8007	COMP+CAN	1/8	3.0 TPG (m)		U A
9233	COMPOSITE	1/4	6.0 TTG		U A	8008	COMP+CAN	5/32	4.0 TPG (m)		U A
9234	COMPOSITE	5/16	8.0 TTG		U A	8009	COMP+CAN	3/16	5.0 TPG (m)		U A
9235	COMPOSITE	3/8	10.0 TTG		U A	8010	COMP+CAN	1/4	6.0 TPG (m)		U A
9236	COMPOSITE	*	12.0 TTG (3)		U A	8011	COMP+CAN	3/8	10.0 TPG (m)		U A
9237	COMPOSITE	*	15.0 TTG (3)		U A	8001	COMP+CAN	1/8	3.0 TTG (MC)		U A
9238	COMPOSITE	3/4	19.0 TTG		U A	8002	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province:</b>						<b>Guardian Glass, LLC ; Corsicana, TX:</b>					
7363	COMPOSITE	1/4	6.0 TTG		U A	2458	COMP+CAN	1/8	3.0 TPG (m)		U A
7364	COMPOSITE	5/16	8.0 TTG		U A	2459	COMP+CAN	5/32	4.0 TPG (m)		U A
7365	COMPOSITE	3/8	10.0 TTG		U A	2460	COMP+CAN	3/16	5.0 TPG (m)		U A
7366	COMPOSITE	1/2	12.0 TTG		U A	1248	COMP+CAN	1/8	3.0 TTG		U A
7367	COMPOSITE	*	15.0 TTG (4)		U A	1249	COMP+CAN	5/32	4.0 TTG		U A
7368	COMPOSITE	3/4	19.0 TTG		U A	1250	COMP+CAN	3/16	5.0 TTG		U A
<b>Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province:</b>						<b>Guardian Glass, LLC ; DeWitt, IA:</b>					
9679	COMP+CAN	3/16	5.0 TTG		U A	2020	COMP+CAN	1/8	3.0 TTG		U A
8587	COMP+CAN	1/4	6.0 TTG		U A	2021	COMP+CAN	5/32	4.0 TTG		U A
8588	COMP+CAN	5/16	8.0 TTG		U A	2022	COMP+CAN	3/16	5.0 TTG		U A
<b>Guangdong Rosery Bath Science and Technology Co.,Ltd. ; Jiangmen, Guangdong Province:</b>						<b>Guardian Glass, LLC ; Geneva, NY:</b>					
8629	COMP+CAN	1/4	6.0 TBG		U A	2023	COMP+CAN	1/4	6.0 TTG		U A
8630	COMP+CAN	5/16	8.0 TBG		U A	2545	COMP+CAN	3/8	10.0 TTG		U A
8729	COMP+CAN	1/4	6.0 TPG (s)		U A	<b>Guardian Glass, LLC ; Kingsburg, CA:</b>					
8730	COMP+CAN	5/16	8.0 TPG (s)		U A	1303	COMP+CAN	1/8	3.0 TPG (d)		U A
8241	COMP+CAN	3/16	5.0 TTG		U A	1301	COMP+CAN	5/32	4.0 TPG (m)		U A
8242	COMP+CAN	1/4	6.0 TTG		U A	1304	COMP+CAN	3/16	5.0 TPG (m)		U A
8243	COMP+CAN	5/16	8.0 TTG		U A	1882	COMP+CAN	1/4	6.0 TPG (m)		U A
8244	COMP+CAN	3/8	10.0 TTG		U A	968	COMP+CAN	1/8	3.0 TTG		U A
<b>Guangdong South Star Glass Limited ; Foshan, Guangdong Province:</b>						<b>Guardian Glass, LLC ; Richburg, SC:</b>					
9962	COMPOSITE	1/8	3.0 TTG		U A	1683	COMP+CAN	1/8	3.0 TPG (m)		U A
9963	COMPOSITE	5/32	4.0 TTG		U A	1635	COMP+CAN	5/32	4.0 TPG (m)		U A
9964	COMPOSITE	3/16	5.0 TTG		U A	1865	COMP+CAN	3/16	5.0 TPG (m)		U A
9965	COMPOSITE	1/4	6.0 TTG		U A	3002	COMP+CAN	1/4	6.0 TPG (m)		U A
7974	COMPOSITE	5/16	8.0 TTG		U A	3003	COMP+CAN	3/8	10.0 TPG (m)		U A
7975	COMPOSITE	3/8	10.0 TTG		U A	1630	COMP+CAN	1/8	3.0 TTG		U A
7976	COMPOSITE	1/2	12.0 TTG		U A	1631	COMP+CAN	5/32	4.0 TTG		U A
7977	COMPOSITE	*	15.0 TTG (4)		U A	1632	COMP+CAN	3/16	5.0 TTG		U A
7978	COMPOSITE	3/4	19.0 TTG		U A	1633	COMP+CAN	1/4	6.0 TTG		U A
<b>Guangdong Xeyoung Glass Technology Co., Ltd ; Huizhou, Guangdong Province:</b>						<b>Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:</b>					
9205	COMPOSITE	1/4	6.0 TTG		U A	4796	COMPOSITE	1/4	6.0 TTG (MC)		U A
9206	COMPOSITE	5/16	8.0 TTG		U A	6326	COMPOSITE	5/16	8.0 TTG (MC)		U A
9207	COMPOSITE	3/8	10.0 TTG		U A	4797	COMPOSITE	3/8	10.0 TTG (MC)		U A
9208	COMPOSITE	1/2	12.0 TTG		U A	4798	COMPOSITE	*	12.0 TTG (7)(MC)		U A
<b>Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:</b>						<b>Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd. ; Jiangmen, Guangdong Province:</b>					
8402	COMPOSITE	3/8	10.0 TPG (s)		U A	9672	COMP+CAN	5/16	8.0 TTG		U A
8397	COMPOSITE	3/16	5.0 TTG		U A	9786	COMP+CAN	3/8	10.0 TTG		U A
8398	COMPOSITE	1/4	6.0 TTG		U A						
8399	COMPOSITE	3/8	10.0 TTG		U A						
8400	COMPOSITE	1/2	12.0 TTG		U A						
<b>Guardian Fabrication, LLC ; Galax, VA:</b>											
4612	COMP+CAN	1/8	3.0 TPG (s)		U A						
8012	COMP+CAN	5/32	4.0 TPG (m)		U A						
4613	COMP+CAN	3/16	5.0 TPG (m)		U A						
8013	COMP+CAN	1/4	6.0 TPG (m)		U A						
4627	COMP+CAN	3/8	10.0 TPG (s)		U A						
4604	COMP+CAN	1/8	3.0 TTG (MC)		U A						
4605	COMP+CAN	5/32	4.0 TTG (MC)		U A						
4606	COMP+CAN	3/16	5.0 TTG (MC)		U A						
4607	COMP+CAN	1/4	6.0 TTG (MC)		U A						
4609	COMP+CAN	3/8	10.0 TTG		U A						
4610	COMP+CAN	1/2	12.0 TTG		U A						

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Hangzhou Blue-Sky Safety Glass Co., Ltd. ; Hangzhou, Zhejiang:</b>						9211	COMPOSITE	3/8	10.0 TTG		U A
8801	COMP+CAN	3/16	5.0 TTG		U A	9212	COMPOSITE	1/2	12.0 TTG		U A
8802	COMP+CAN	1/4	6.0 TTG		U A	<b>Industrial Tempering Glass ; Brooklyn, NY:</b>					
8803	COMP+CAN	5/16	8.0 TTG		U A	8894	COMPOSITE	1/4	6.0 TTG		U A
8804	COMP+CAN	3/8	10.0 TTG		U A	3418	COMPOSITE	3/8	10.0 TTG		U A
<b>Hangzhou Huijing Glass Co., Ltd. ; Hangzhou, Zhejiang:</b>						3419	COMPOSITE	1/2	12.0 TTG		U A
9770	COMP+CAN	1/4	6.0 TTG		U A	8294	COMPOSITE	5/8	16.0 TTG		U A
9771	COMP+CAN	5/16	8.0 TTG		U A	4240	COMPOSITE	3/4	19.0 TTG		U A
9772	COMP+CAN	3/8	10.0 TTG		U A	<b>Industries Vanier Inc. ; Anjou, Quebec:</b>					
<b>Haojing Holdings Group Limited ; Nantong, Haimen:</b>						9270	COMP+CAN	1/8	3.0 TTG		U A
8702	COMP+CAN	1/8	3.0 TTG		U A	9271	COMP+CAN	3/16	5.0 TTG		U A
8703	COMP+CAN	1/4	6.0 TTG		U A	9272	COMP+CAN	1/4	6.0 TTG		U A
8704	COMP+CAN	5/16	8.0 TTG		U A	9273	COMP+CAN	5/16	8.0 TTG		U A
8705	COMP+CAN	3/8	10.0 TTG		U A	9274	COMP+CAN	3/8	10.0 TTG		U A
8706	COMP+CAN	1/2	12.0 TTG		U A	9275	COMP+CAN	1/2	12.0 TTG		U A
8707	COMP+CAN	*	15.0 TTG (4)		U A	<b>Inkan Ltd ; Brampton, Ontario:</b>					
<b>Hartung Glass Industries ; Phoenix, AZ:</b>						5135	COMP+CAN	1/4	6.0 TTG		U A
6381	COMPOSITE	1/8	3.0 TPG (s)		U A	5136	COMP+CAN	5/16	8.0 TTG		U A
6382	COMPOSITE	3/16	5.0 TPG (m)		U A	5137	COMP+CAN	3/8	10.0 TTG		U A
7994	COMPOSITE	3/8	10.0 TPG (s)		U A	5138	COMP+CAN	1/2	12.0 TTG		U A
6377	COMPOSITE	1/8	3.0 TTG (MC)		U A	5139	COMP+CAN	5/8	16.0 TTG		U A
6378	COMPOSITE	5/32	4.0 TTG (IN)(MC)		U A	5140	COMP+CAN	3/4	19.0 TTG		U A
IN						<b>Innovative Glass Products LLC ; Carrollton, TX:</b>					
6379	COMPOSITE	3/16	5.0 TTG (MC)		U A	7062	COMPOSITE	1/8	3.0 TTG (MC)		U A
6380	COMPOSITE	1/4	6.0 TTG (MC)		U A	7063	COMPOSITE	5/32	4.0 TTG		U A
7010	COMPOSITE	5/16	8.0 TTG (IN)		U A	7064	COMPOSITE	3/16	5.0 TTG (MC)(MC)		U A
IN						7065	COMPOSITE	1/4	6.0 TTG		U A
7011	COMPOSITE	3/8	10.0 TTG		U A	8862	COMPOSITE	3/8	10.0 TTG (IN)		U A
7012	COMPOSITE	1/2	12.0 TTG		U A	IN					
<b>Hartung Glass Industries ; Tukwila, WA:</b>						<b>Insulite Glass Co., Inc. ; Olathe, KS:</b>					
8868	COMPOSITE	3/16	5.0 TTG (MC)		U A	4473	COMPOSITE	1/8	3.0 TTG (MC)		U A
8864	COMPOSITE	1/4	6.0 TTG (MC)		U A	4474	COMPOSITE	5/32	4.0 TTG		U A
8865	COMPOSITE	5/16	8.0 TTG		U A	3714	COMPOSITE	3/16	5.0 TTG (MC)		U A
8866	COMPOSITE	3/8	10.0 TTG		U A	3715	COMPOSITE	1/4	6.0 TTG (MC)		U A
8867	COMPOSITE	1/2	12.0 TTG		U A	9093	COMPOSITE	5/16	8.0 TTG		U A
<b>Hebi HaanGlas Co., Ltd ; Hebi, Henan Province:</b>						3716	COMPOSITE	3/8	10.0 TTG		U A
9113	COMP+CAN	5/32	4.0 TTG		U A	3717	COMPOSITE	1/2	12.0 TTG		U A
9114	COMP+CAN	3/16	5.0 TTG		U A	<b>Integral Seal Mfg. Inc. ; Concord, Ontario:</b>					
9115	COMPOSITE	5/16	8.0 VIGT		U A	4682	COMP+CAN	5/32	4.0 TTG		U A
9116	COMPOSITE	3/8	10.0 VIGT		U A	4683	COMP+CAN	3/16	5.0 TTG		U A
<b>Hebi Leadus Special Glass Manufacturing Co., Ltd. ; Hebi, Henan Province:</b>						4684	COMP+CAN	1/4	6.0 TTG (MC)		U A
9744	COMPOSITE	3/8	10.0 VIGT		U A	9867	COMP+CAN	5/16	8.0 TTG		U A
<b>Hoskin &amp; Muir, Inc ; Louisville, KY:</b>						<b>Integrity Glass Tempering, LLC. ; Venice , FL:</b>					
3872	COMPOSITE	3/16	5.0 TTG		U A	7097	COMPOSITE	3/16	5.0 TPG (m)		U A
3873	COMPOSITE	1/4	6.0 TTG		U A	6666	COMPOSITE	3/16	5.0 TTG		U A
3874	COMPOSITE	3/8	10.0 TTG		U A	6635	COMPOSITE	1/4	6.0 TTG		U A
3875	COMPOSITE	1/2	12.0 TTG		U A	6636	COMPOSITE	3/8	10.0 TTG		U A
<b>Huahui Glass (China) Co., Ltd. ; Quanzou, Fujian:</b>						6637	COMPOSITE	1/2	12.0 TTG		U A
9959	COMP+CAN	3/16	5.0 TPG (s)		U A	<b>Inter Fonction Ltee ; Sherbrooke, Quebec:</b>					
9960	COMP+CAN	1/4	6.0 TPG (s)		U A	8470	COMP+CAN	5/32	4.0 TTG		U A
8944	COMP+CAN	1/8	3.0 TTG		U A	8471	COMP+CAN	1/4	6.0 TTG		U A
9958	COMP+CAN	5/32	4.0 TTG		U A	8489	COMP+CAN	5/16	8.0 TTG		U A
8945	COMP+CAN	3/16	5.0 TTG		U A	7235	COMP+CAN	3/8	10.0 TTG		U A
8946	COMP+CAN	1/4	6.0 TTG		U A	8089	COMP+CAN	1/2	12.0 TTG		U A
9921	COMP+CAN	5/16	8.0 TTG		U A	<b>Intigral ; Quakertown, PA:</b>					
8947	COMP+CAN	3/8	10.0 TTG		U A	8199	COMP+CAN	1/8	3.0 TPG (m)		U A
<b>Imagic Glass Inc. ; Concord, Ontario:</b>						8200	COMP+CAN	1/8	3.0 TTG (MC)		U A
8608	COMP+CAN	1/4	6.0 TTG		U A	8201	COMP+CAN	5/32	4.0 TTG (MC)		U A
8609	COMP+CAN	3/8	10.0 TTG		U A	8202	COMP+CAN	3/16	5.0 TTG (MC)		U A
8610	COMP+CAN	1/2	12.0 TTG		U A	<b>Intigral ; Walton Hills, OH:</b>					
<b>Imperial Tempered Glass, LLC ; Dallas, TX:</b>						3631	COMP+CAN	1/8	3.0 TPG (m)		U A
9210	COMPOSITE	1/4	6.0 TTG		U A	4588	COMP+CAN	5/32	4.0 TPG (m)		U A
						8048	COMP+CAN	3/16	5.0 TPG (m)		U A

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SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
2050	COMP+CAN	1/8	3.0 TTG (MC)		U A	4310	COMP+CAN	3/4	19.0 TTG		U A
2051	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Jiangxi Shouhua Building Materials Co., Ltd ; Jiujiang, Jiangxi:</b>					
2052	COMP+CAN	3/16	5.0 TTG (MC)		U A	9729	COMP+CAN	1/8	3.0 TTG		U A
<b>Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca:</b>						9730	COMP+CAN	5/32	4.0 TTG		U A
8800	COMPOSITE	1/4	6.0 TTG		U A	9731	COMP+CAN	3/16	5.0 TTG		U A
<b>Isoclima Specialty Glass, LLC ; Blairsville, PA:</b>						9732	COMP+CAN	1/4	6.0 TTG		U A
3018	COMPOSITE	1/2	12.0 TTG		U A	9733	COMP+CAN	5/16	8.0 TTG		U A
<b>ITI Glass Company ; Bel Aire, KS:</b>						9734	COMP+CAN	3/8	10.0 TTG		U A
8776	COMP+CAN	1/8	3.0 TTG (MC)		U A	<b>Jinzhou Fortune Spring Glass Co., Ltd. ; Jinzhou, Liaoning:</b>					
8844	COMP+CAN	3/16	5.0 TTG		U A	7268	COMP+CAN	1/8	3.0 TTG		U A
8777	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>JM Glass ; Hayward, CA:</b>					
8778	COMP+CAN	3/8	10.0 TTG		U A	4928	COMPOSITE	3/16	5.0 TTG		U A
8718	COMP+CAN	1/2	12.0 TTG		U A	4929	COMPOSITE	1/4	6.0 TTG		U A
<b>J&amp;Y Glass Services ; Naples, FL:</b>						4930	COMPOSITE	3/8	10.0 TTG		U A
8077	COMP+CAN	1/4	6.0 TTG		U A	4931	COMPOSITE	1/2	12.0 TTG		U A
8078	COMP+CAN	3/8	10.0 TTG		U A	<b>Jubilee Company ; Princeton, TX:</b>					
8079	COMP+CAN	1/2	12.0 TTG		U A	8428	COMPOSITE	1/4	6.0 TTG		U A
<b>J.C. Moag Corporation ; Georgetown, IN:</b>						8429	COMPOSITE	3/8	10.0 TTG		U A
8939	COMP+CAN	3/16	5.0 TTG		U A	<b>JYC Glass Co. Ltd. ; Foshan, Guangdong Province:</b>					
8940	COMP+CAN	1/4	6.0 TTG		U A	3991	COMP+CAN	5/32	4.0 TBG		U A
8941	COMP+CAN	3/8	10.0 TTG		U A	3992	COMP+CAN	3/16	5.0 TBG		U A
8942	COMP+CAN	1/2	12.0 TTG		U A	3993	COMP+CAN	1/4	6.0 TBG		U A
<b>JAR Tempering Inc. ; Hialeah, FL:</b>						3994	COMP+CAN	5/16	8.0 TBG		U A
8512	COMPOSITE	3/16	5.0 TTG		U A	6619	COMP+CAN	3/16	5.0 TBP (s)		U A
8513	COMPOSITE	1/4	6.0 TTG		U A	6620	COMP+CAN	1/4	6.0 TBP (s)		U A
8514	COMPOSITE	3/8	10.0 TTG		U A	4161	COMP+CAN	5/32	4.0 TPG (s)		U A
8515	COMPOSITE	1/2	12.0 TTG		U A	6621	COMP+CAN	3/16	5.0 TPG (s)		U A
<b>Janan Fabricated Glass, Inc. ; Vernon, CA:</b>						6622	COMP+CAN	1/4	6.0 TPG (s)		U A
9101	COMPOSITE	5/32	4.0 TTG		U A	3957	COMP+CAN	1/8	3.0 TTG		U A
9102	COMPOSITE	3/16	5.0 TTG		U A	3958	COMP+CAN	5/32	4.0 TTG		U A
9103	COMPOSITE	1/4	6.0 TTG		U A	3959	COMP+CAN	3/16	5.0 TTG		U A
9104	COMPOSITE	5/16	8.0 TTG		U A	3960	COMP+CAN	1/4	6.0 TTG		U A
9105	COMPOSITE	3/8	10.0 TTG		U A	3961	COMP+CAN	5/16	8.0 TTG		U A
9106	COMPOSITE	1/2	12.0 TTG		U A	3962	COMP+CAN	3/8	10.0 TTG		U A
9107	COMPOSITE	3/4	19.0 TTG (IN)		U A	3963	COMP+CAN	1/2	12.0 TTG		U A
<b>Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen, Guangdong Province:</b>						<b>KAMRI Investments Limited ; Marabella, West Indies:</b>					
7574	COMP+CAN	3/16	5.0 TTG		U A	8932	COMPOSITE	1/4	6.0 TTG		U A
7575	COMP+CAN	1/4	6.0 TTG		U A	8933	COMPOSITE	3/8	10.0 TTG		U A
7576	COMP+CAN	5/16	8.0 TTG		U A	8934	COMPOSITE	1/2	12.0 TTG		U A
7577	COMP+CAN	3/8	10.0 TTG		U A	<b>Kensington Glass Arts ; Ijamsville, MD:</b>					
7578	COMP+CAN	*	12.0 TTG (4)		U A	5973	COMPOSITE	1/4	6.0 TTG		U A
<b>Jiangmen Junfa Safety Glass Co., Ltd. ; Jiangmen, Guangdong Province:</b>						5974	COMPOSITE	3/8	10.0 TTG		U A
9722	COMP+CAN	1/4	6.0 TTG		U A	5975	COMPOSITE	1/2	12.0 TTG		U A
9723	COMP+CAN	5/16	8.0 TTG		U A	5976	COMPOSITE	5/8	16.0 TTG		U A
8797	COMP+CAN	3/8	10.0 TTG		U A	5977	COMPOSITE	3/4	19.0 TTG		U A
<b>Jiangmen SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:</b>						<b>Kensington Glass Arts ; Sterling, VA:</b>					
5052	COMP+CAN	1/4	6.0 TBG (IN)		U A	8266	COMPOSITE	3/16	5.0 TTG		U A
5053	COMP+CAN	5/16	8.0 TBG (IN)		U A	8557	COMPOSITE	1/4	6.0 TTG		U A
5054	COMP+CAN	3/8	10.0 TBG (IN)		U A	8268	COMPOSITE	5/16	8.0 TTG		U A
5055	COMP+CAN	1/2	12.0 TBG (IN)		U A	8269	COMPOSITE	3/8	10.0 TTG		U A
4303	COMP+CAN	5/32	4.0 TTG (IN)		U A	8270	COMPOSITE	1/2	12.0 TTG		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	8271	COMPOSITE	5/8	16.0 TTG		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	8272	COMPOSITE	3/4	19.0 TTG		U A
4306	COMP+CAN	5/16	8.0 TTG		U A	<b>Kohler Company ; Union City, TN:</b>					
4307	COMP+CAN	3/8	10.0 TTG		U A	1983	COMP+CAN	1/8	3.0 TPG (m)		U A
4308	COMP+CAN	1/2	12.0 TTG		U A	3532	COMP+CAN	5/32	4.0 TPG (m)		U A
4309	COMP+CAN	*	15.0 TTG (4)		U A	1984	COMP+CAN	3/16	5.0 TPG (s)		U A
						2918	COMPOSITE	1/4	6.0 TPG (m)(IN)		U A
						<b>IN</b>					
						1979	COMP+CAN	1/8	3.0 TTG		U A
						1980	COMP+CAN	5/32	4.0 TTG		U A
						1981	COMP+CAN	3/16	5.0 TTG		U A
						1982	COMP+CAN	1/4	6.0 TTG		U A
						4668	COMP+CAN	5/16	8.0 TTG		U A

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2434	COMP+CAN	3/8	10.0 TTG		U A	<b>M &amp; F Home Solutions LLC. ; Tampa, FL:</b>					
4012	COMP+CAN	1/2	12.0 TTG		U A	9149	COMPOSITE	1/4	6.0 TTG		U A
<b>KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliko Chalkida, Greece:</b>						9150	COMPOSITE	3/8	10.0 TTG		U A
8732	COMP+CAN	5/32	4.0 TTG (MC)		U A	9276	COMPOSITE	1/2	12.0 TTG		U A
8733	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>M Industria S.A. DE C.V. ; Conkal, Yucatan:</b>					
8734	COMP+CAN	1/4	6.0 TTG (MC)		U A	8054	COMP+CAN	1/4	6.0 TBG (MC)		U A
8735	COMP+CAN	5/16	8.0 TTG (MC)		U A	8951	COMP+CAN	5/16	8.0 TBG (MC)		U A
8736	COMP+CAN	3/8	10.0 TTG (MC)		U A	8055	COMP+CAN	3/8	10.0 TBG (MC)		U A
8738	COMP+CAN	1/2	12.0 TTG (MC)		U A	8056	COMP+CAN	1/2	12.0 TBG		U A
<b>La Tecnica Nel Vetro SpA ; Scafati, Salerno:</b>						8952	COMP+CAN	3/4	19.0 TBG		U A
7174	COMP+CAN	3/16	5.0 TTG		U A	7708	COMP+CAN	1/8	3.0 TTG (MC)		U A
7168	COMP+CAN	1/4	6.0 TTG		U A	7709	COMP+CAN	5/32	4.0 TTG (MC)		U A
7167	COMP+CAN	5/16	8.0 TTG		U A	7682	COMP+CAN	3/16	5.0 TTG (MC)		U A
7166	COMP+CAN	3/8	10.0 TTG		U A	7683	COMP+CAN	1/4	6.0 TTG (MC)		U A
7165	COMP+CAN	1/2	12.0 TTG		U A	7684	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>Laurier Architectural ; Laurier-Station, Quebec:</b>						7685	COMP+CAN	3/8	10.0 TTG (MC)		U A
8121	COMP+CAN	5/32	4.0 TTG		U A	7686	COMP+CAN	1/2	12.0 TTG		U A
8122	COMP+CAN	3/16	5.0 TTG (MC)		U A	7687	COMP+CAN	3/4	19.0 TTG		U A
8123	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>M&amp;M Tempering Inc. ; Loganville, GA:</b>					
8124	COMP+CAN	3/8	10.0 TTG		U A	4280	COMPOSITE	1/4	6.0 TTG		U A
8125	COMP+CAN	1/2	12.0 TTG		U A	4281	COMPOSITE	3/8	10.0 TTG		U A
<b>Les Verres VMIK Inc. ; Gatineau, Quebec:</b>						4282	COMPOSITE	1/2	12.0 TTG		U A
6893	COMP+CAN	5/32	4.0 TTG		U A	<b>M3 Glass Technologies ; Irving, TX:</b>					
6894	COMP+CAN	3/16	5.0 TTG		U A	8954	COMPOSITE	1/4	6.0 TTG		U A
6895	COMP+CAN	1/4	6.0 TTG		U A	5946	COMPOSITE	3/8	10.0 TTG		U A
6896	COMP+CAN	3/8	10.0 TTG		U A	5947	COMPOSITE	1/2	12.0 TTG		U A
6897	COMP+CAN	1/2	12.0 TTG		U A	<b>Magic Mirror and Shower Enclosures Inc. ; West Palm Beach, FL:</b>					
<b>Lien Yeu GLASSTECH (M) SDN BHD ; Muar, Johor:</b>						9890	COMPOSITE	*	5.0 TTG (4)		U A
7358	COMP+CAN	5/32	4.0 TTG		U A	9891	COMPOSITE	1/4	6.0 TTG		U A
7359	COMP+CAN	3/16	5.0 TTG		U A	9892	COMPOSITE	3/8	10.0 TTG		U A
7360	COMP+CAN	1/4	6.0 TTG		U A	9893	COMPOSITE	*	12.0 TTG		U A
7361	COMP+CAN	5/16	8.0 TTG		U A	<b>Majestic Glass Inc. ; Hialeah, FL:</b>					
7362	COMP+CAN	3/8	10.0 TTG		U A	8582	COMPOSITE	1/4	6.0 TTG		U A
8038	COMP+CAN	*	12.0 TTG (3)		U A	8583	COMPOSITE	3/8	10.0 TTG		U A
<b>Lippert Components ; Bristol, IN:</b>						8584	COMPOSITE	1/2	12.0 TTG		U A
8061	COMP+CAN	1/8	3.0 TTG (MC)		U A	<b>Making Glass North America Inc. ; Laval, Quebec:</b>					
8062	COMP+CAN	1/4	6.0 TTG		U A	9033	COMP+CAN	3/16	5.0 TTG		U A
<b>LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong Province:</b>						9034	COMP+CAN	1/4	6.0 TTG		U A
8619	COMP+CAN	1/8	3.0 TTG		U A	9035	COMP+CAN	5/16	8.0 TTG		U A
8175	COMP+CAN	3/16	5.0 TTG		U A	8926	COMP+CAN	3/8	10.0 TTG		U A
8176	COMP+CAN	1/4	6.0 TTG		U A	8927	COMP+CAN	1/2	12.0 TTG		U A
<b>Louisville Plate Glass ; Louisville, KY:</b>						<b>Manko Window Systems ; Aurora, CO:</b>					
6070	COMPOSITE	1/8	3.0 TTG (MC)		U A	6275	COMPOSITE	1/8	3.0 TTG (IN)(MC)		U A
6072	COMPOSITE	3/16	5.0 TTG (MC)		U A	IN					
6073	COMPOSITE	1/4	6.0 TTG (MC)		U A	6276	COMPOSITE	5/32	4.0 TTG (IN)		U A
6074	COMPOSITE	3/8	10.0 TTG		U A	IN					
6075	COMPOSITE	1/2	12.0 TTG		U A	6277	COMPOSITE	3/16	5.0 TTG (MC)		U A
<b>LTI Smart Glass, Inc. ; Pittsfield, MA:</b>						6278	COMPOSITE	1/4	6.0 TTG (MC)		U A
7079	COMP+CAN	1/8	3.0 TTG		U A	6279	COMPOSITE	3/8	10.0 TTG		U A
6922	COMP+CAN	3/16	5.0 TTG (MC)		U A	6280	COMPOSITE	1/2	12.0 TTG		U A
6923	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Manko Window Systems- KS ; Manhattan, KS:</b>					
6924	COMP+CAN	5/16	8.0 TTG		U A	6833	COMPOSITE	1/8	3.0 TPG (s)		U A
6925	COMP+CAN	3/8	10.0 TTG		U A	6834	COMPOSITE	3/16	5.0 TPG (m)		U A
6926	COMP+CAN	1/2	12.0 TTG		U A	6835	COMPOSITE	1/4	6.0 TPG (m)		U A
<b>Luoyang LandGlass Technology Co., LTD ; Luoyang, Henan Province:</b>						6836	COMPOSITE	3/8	10.0 TPG (m)		U A
7622	COMPOSITE	5/16	8.0 VIGT (MC)		U A	8928	COMPOSITE	1/8	3.0 TTG (MC)		U A
6476	COMPOSITE	3/8	10.0 VIGT (MC)		U A	6826	COMPOSITE	5/32	4.0 TTG (MC)		U A
<b>LuxWall, Inc. ; Litchfield, MI:</b>						6827	COMPOSITE	3/16	5.0 TTG (MC)		U A
9289	COMP+CAN	5/32	4.0 TTG (MC)		U A	6828	COMPOSITE	1/4	6.0 TTG (MC)		U A
9290	COMP+CAN	3/16	5.0 TTG (MC)		U A	6829	COMPOSITE	3/8	10.0 TTG		U A
						6830	COMPOSITE	1/2	12.0 TTG		U A
						<b>Manko Windows ; Des Moines, IA:</b>					
						6292	COMPOSITE	1/8	3.0 TPG (m)		U A

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
6293	COMPOSITE	5/32	4.0 TPG (m)		U A	9261	COMP+CAN	3/16	5.0 TTG		U A
6294	COMPOSITE	3/16	5.0 TPG (d)		U A	9262	COMP+CAN	1/4	6.0 TTG (MC)		U A
6295	COMPOSITE	1/4	6.0 TPG (m)		U A	9263	COMP+CAN	3/8	10.0 TTG		U A
6296	COMPOSITE	3/8	10.0 TPG (m)		U A	9264	COMP+CAN	1/2	12.0 TTG		U A
6286	COMPOSITE	1/8	3.0 TTG (MC)		U A	9691	COMP+CAN	3/4	19.0 TTG		U A
6287	COMPOSITE	5/32	4.0 TTG		U A	<b>Mirror Works Inc. ; Ottawa, Ontario:</b>					
6288	COMPOSITE	3/16	5.0 TTG (MC)		U A	8165	COMP+CAN	3/16	5.0 TTG		U A
6289	COMPOSITE	1/4	6.0 TTG (MC)		U A	8166	COMP+CAN	1/4	6.0 TTG		U A
6290	COMPOSITE	3/8	10.0 TTG		U A	8168	COMP+CAN	1/2	12.0 TTG		U A
6291	COMPOSITE	1/2	12.0 TTG		U A	<b>Mitrex Inc. ; Toronto, Ontario:</b>					
<b>Maryland Glass &amp; Mirror ; Baltimore, MD:</b>						9045	COMP+CAN	1/8	3.0 TTG		U A
4318	COMPOSITE	1/8	3.0 TTG (MC)		U A	<b>M-Power Glass Ltd. ; Richmond, British Columbia:</b>					
4319	COMPOSITE	3/16	5.0 TTG		U A	9887	COMP+CAN	1/4	6.0 TTG		U A
4320	COMPOSITE	1/4	6.0 TTG (MC)		U A	9934	COMP+CAN	5/16	8.0 TTG		U A
8066	COMPOSITE	5/16	8.0 TTG		U A	9888	COMP+CAN	3/8	10.0 TTG		U A
4321	COMPOSITE	3/8	10.0 TTG		U A	9889	COMP+CAN	*	12.0 TTG (4)		U A
4322	COMPOSITE	1/2	12.0 TTG		U A	<b>Mr. Glass LLC. ; Philadelphia, PA:</b>					
7022	COMPOSITE	3/4	19.0 TTG		U A	9825	COMPOSITE	5/32	4.0 TTG (MC)		U A
<b>McGrory Glass ; Paulsboro, NJ:</b>						7693	COMPOSITE	3/16	5.0 TTG (MC)		U A
9266	COMPOSITE	1/4	6.0 TPG (m)		U A	7660	COMPOSITE	1/4	6.0 TTG (MC)		U A
4819	COMPOSITE	3/8	10.0 TPG (s)		U A	9100	COMPOSITE	3/8	10.0 TTG		U A
4820	COMPOSITE	1/2	12.0 TPG (s)(IN) IN		U A	7662	COMPOSITE	1/2	12.0 TTG		U A
4925	COMPOSITE	3/16	5.0 TTG		U A	<b>Multiver ; Vanier, Quebec:</b>					
4813	COMPOSITE	1/4	6.0 TTG		U A	2498	COMP+CAN	1/8	3.0 TTG (MC)		U A
4814	COMPOSITE	3/8	10.0 TTG		U A	2629	COMP+CAN	5/32	4.0 TTG (MC)		U A
4815	COMPOSITE	1/2	12.0 TTG		U A	6890	COMP+CAN	3/16	5.0 TTG		U A
4816	COMPOSITE	5/8	16.0 TTG		U A	2499	COMP+CAN	1/4	6.0 TTG (MC)		U A
4817	COMPOSITE	3/4	19.0 TTG		U A	5226	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>Mercer Glass Fab LLC ; Trenton, NJ:</b>						5227	COMP+CAN	3/8	10.0 TTG (MC)		U A
4257	COMPOSITE	1/4	6.0 TPG (m)		U A	5228	COMP+CAN	1/2	12.0 TTG		U A
4258	COMPOSITE	3/8	10.0 TPG (m)		U A	<b>Multiver Ltee ; Saint-Leonard, Quebec:</b>					
7671	COMPOSITE	1/4	6.0 TTG		U A	8547	COMP+CAN	5/32	4.0 TTG		U A
4530	COMPOSITE	5/16	8.0 TTG		U A	6978	COMP+CAN	3/16	5.0 TTG		U A
4255	COMPOSITE	3/8	10.0 TTG		U A	8548	COMP+CAN	1/4	6.0 TTG		U A
4256	COMPOSITE	1/2	12.0 TTG		U A	6980	COMP+CAN	3/8	10.0 TTG		U A
<b>Mid-American Glass ; Davenport, IA:</b>						<b>Nanjing Feitian Varo Glass Product Co., Ltd. ; Nanjing, Jiangsu:</b>					
7227	COMPOSITE	1/8	3.0 TTG (MC)		U A	9743	COMP+CAN	3/8	10.0 TTG		U A
7228	COMPOSITE	5/32	4.0 TTG		U A	<b>Nashville Tempered Glass Corp. ; Nashville, TN:</b>					
7229	COMPOSITE	3/16	5.0 TTG (MC)		U A	1416	COMP+CAN	1/8	3.0 TTG (MC)		U A
7230	COMPOSITE	1/4	6.0 TTG (MC)		U A	2497	COMP+CAN	5/32	4.0 TTG		U A
7231	COMPOSITE	3/8	10.0 TTG		U A	1467	COMP+CAN	3/16	5.0 TTG		U A
7232	COMPOSITE	1/2	12.0 TTG		U A	1417	COMP+CAN	1/4	6.0 TTG		U A
<b>Midwest Glass Fabricators ; Highland, MI:</b>						5729	COMP+CAN	5/16	8.0 TTG		U A
7920	COMP+CAN	3/16	5.0 TPG (m)		U A	2494	COMP+CAN	3/8	10.0 TTG		U A
6037	COMP+CAN	3/8	10.0 TPG (m)		U A	<b>Nashville Tempered Glass LLC ; Hendersonville, TN:</b>					
6027	COMP+CAN	1/8	3.0 TTG (MC)		U A	2691	COMP+CAN	5/32	4.0 TTG (MC)		U A
6028	COMP+CAN	5/32	4.0 TTG		U A	2692	COMP+CAN	3/16	5.0 TTG (MC)		U A
6029	COMP+CAN	3/16	5.0 TTG (MC)		U A	2693	COMP+CAN	1/4	6.0 TTG (MC)		U A
6030	COMP+CAN	1/4	6.0 TTG (MC)		U A	7980	COMP+CAN	5/16	8.0 TTG (MC)		U A
6031	COMP+CAN	3/8	10.0 TTG		U A	2694	COMP+CAN	3/8	10.0 TTG (MC)		U A
6032	COMP+CAN	1/2	12.0 TTG		U A	4148	COMP+CAN	1/2	12.0 TTG		U A
6033	COMP+CAN	5/8	16.0 TTG		U A	<b>New Angle Beveling ; Clearfield, PA:</b>					
6034	COMP+CAN	3/4	19.0 TTG		U A	5772	COMPOSITE	1/8	3.0 TTG (MC)		U A
<b>Milkana OOD ; Plevan Center, Plevan:</b>						5774	COMPOSITE	3/16	5.0 TTG (MC)		U A
8922	COMP+CAN	5/32	4.0 TTG		U A	5773	COMPOSITE	1/4	6.0 TTG (MC)		U A
8923	COMP+CAN	1/4	6.0 TTG (MC)		U A	5775	COMPOSITE	3/8	10.0 TTG		U A
8924	COMP+CAN	5/16	8.0 TTG (MC)		U A	5776	COMPOSITE	1/2	12.0 TTG		U A
8925	COMP+CAN	3/8	10.0 TTG		U A	<b>New Angle Beveling ; Hyde, PA:</b>					
<b>Minneapolis Glass Company ; Minneapolis, MN:</b>						4593	COMPOSITE	1/8	3.0 TTG		U A
9265	COMP+CAN	5/32	4.0 TPG (m)		U A	4594	COMPOSITE	3/16	5.0 TTG		U A
9795	COMP+CAN	3/16	5.0 TPG (s)		U A	4595	COMPOSITE	1/4	6.0 TTG		U A
9796	COMP+CAN	3/8	10.0 TPG (s)		U A	4591	COMPOSITE	3/8	10.0 TTG		U A
9260	COMP+CAN	1/8	3.0 TTG		U A						
9848	COMP+CAN	5/32	4.0 TTG		U A						



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4592	COMPOSITE	1/2	12.0 TTG		U A	6569	COMPOSITE	3/8	10.0 TTG		U A
<b>New Century Glass &amp; Aluminum LLC ; Woodside, NY:</b>						<b>Novatech Group Inc. ; St-Agapit, Quebec:</b>					
5455	COMPOSITE	3/16	5.0 TTG		U A	7006	COMP+CAN	1/8	3.0 TTG (MC)		U A
5456	COMPOSITE	1/4	6.0 TTG (MC)		U A	7007	COMP+CAN	5/32	4.0 TTG (MC)		U A
5457	COMPOSITE	3/8	10.0 TTG		U A	7008	COMP+CAN	3/16	5.0 TTG (MC)		U A
5458	COMPOSITE	1/2	12.0 TTG		U A	8478	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Ningbo Runner Industrial Corporation ; Ningbo, Zhejiang:</b>						<b>Novavetro S.r.l. ; San Severino Marche, Italy:</b>					
8597	COMP+CAN	7/32	6.0 TPG (s)(IN)		U A	7768	COMP+CAN	3/16	5.0 TTG		U A
8598	COMP+CAN	3/8	10.0 TPG (IN)(s)		U A	7769	COMP+CAN	1/4	6.0 TTG (MC)		U A
8591	COMP+CAN	5/32	4.0 TTG		U A	7770	COMP+CAN	5/16	8.0 TTG (MC)		U A
8592	COMP+CAN	3/16	5.0 TTG		U A	7771	COMP+CAN	3/8	10.0 TTG (MC)		U A
8593	COMP+CAN	1/4	6.0 TTG		U A	7772	COMP+CAN	1/2	12.0 TTG		U A
8594	COMP+CAN	5/16	8.0 TTG		U A	7773	COMP+CAN	*	15.0 TTG (4)		U A
8595	COMP+CAN	3/8	10.0 TTG		U A	<b>ODL, Inc. ; Zeeland, MI:</b>					
8596	COMP+CAN	1/2	12.0 TTG (3)		U A	9907	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Ningbo Walron Special Glass Co. Ltd ; Ningbo, Zhejiang:</b>						<b>Oldcastle BuildingEnvelope® ; Albertville, MN:</b>					
9854	COMPOSITE	1/8	3.0 TTG		U A	3127	COMP+CAN	3/8	10.0 TPG (m)		U A
9855	COMPOSITE	5/32	4.0 TTG		U A	3104	COMP+CAN	1/8	3.0 TTG (MC)		U A
9856	COMPOSITE	3/16	5.0 TTG		U A	3105	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang:</b>						<b>Oldcastle BuildingEnvelope® ; Battle Ground, WA:</b>					
6273	COMPOSITE	5/32	4.0 TPG (m)(IN)		U A	3106	COMP+CAN	3/16	5.0 TTG (MC)		U A
6274	COMPOSITE	1/4	6.0 TPG (s)		U A	3107	COMP+CAN	1/4	6.0 TTG (MC)		U A
6845	COMPOSITE	3/8	10.0 TPG (s)		U A	4882	COMP+CAN	5/16	8.0 TTG		U A
6271	COMPOSITE	5/32	4.0 TTG (IN)		U A	3108	COMP+CAN	3/8	10.0 TTG		U A
6272	COMPOSITE	1/4	6.0 TTG		U A	3109	COMP+CAN	1/2	12.0 TTG		U A
8828	COMPOSITE	5/16	8.0 TTG		U A	3110	COMP+CAN	5/8	16.0 TTG		U A
7873	COMPOSITE	3/8	10.0 TTG		U A	3111	COMP+CAN	3/4	19.0 TTG		U A
<b>Niskayuna Glass ; Schenectady, NY:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
7471	COMP+CAN	1/8	3.0 TTG (MC)		U A	3226	COMP+CAN	1/8	3.0 TPG (s)		U A
7472	COMP+CAN	3/16	5.0 TTG (MC)		U A	7424	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A
7473	COMP+CAN	1/4	6.0 TTG		U A	<b>Oldcastle BuildingEnvelope® ; Concord, Ontario:</b>					
<b>Nissink Business Glass BV ; IJsselmuiden, Overijssel:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
8414	COMP+CAN	1/4	6.0 TBG		U A	3228	COMP+CAN	3/16	5.0 TPG (m)		U A
8415	COMP+CAN	5/16	8.0 TTG		U A	3229	COMP+CAN	1/4	6.0 TPG (m)		U A
8416	COMP+CAN	3/8	10.0 TTG		U A	3230	COMP+CAN	3/8	10.0 TPG (m)		U A
<b>NOLA Showers, L.L.C. ; New Orleans, LA:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
8487	COMPOSITE	3/8	10.0 TTG		U A	3219	COMP+CAN	1/8	3.0 TTG (MC)		U A
8488	COMPOSITE	1/2	12.0 TTG		U A	3220	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Norfinch Glass &amp; Mirror Mfg. Ltd. ; Etobicoke, Ontario:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
8252	COMP+CAN	1/4	6.0 TTG		U A	3221	COMP+CAN	3/16	5.0 TTG (MC)		U A
8253	COMP+CAN	3/8	10.0 TTG		U A	3222	COMP+CAN	1/4	6.0 TTG (MC)		U A
8254	COMP+CAN	1/2	12.0 TTG		U A	3223	COMP+CAN	5/16	8.0 TTG (IN)		U A
<b>Northwest Glass Manufacturing Inc. ; Snohomish, WA:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
9857	COMPOSITE	1/8	3.0 TTG		U A	3224	COMP+CAN	3/8	10.0 TTG		U A
9858	COMPOSITE	3/16	5.0 TTG		U A	3225	COMP+CAN	1/2	12.0 TTG		U A
9859	COMPOSITE	1/4	6.0 TTG		U A	<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
9860	COMPOSITE	3/8	10.0 TTG		U A	3273	COMP+CAN	5/32	4.0 TPG (d)		U A
9861	COMPOSITE	1/2	12.0 TTG		U A	3274	COMP+CAN	3/16	5.0 TPG (d)		U A
<b>Northwestern Glass Fab ; Fridley, MN:</b>						<b>Oldcastle BuildingEnvelope® ; Calgary, Alberta:</b>					
6733	COMP+CAN	1/8	3.0 TTG (MC)		U A	3275	COMP+CAN	1/4	6.0 TPG (m)		U A
8840	COMP+CAN	5/32	4.0 TTG (MC)		U A	3262	COMP+CAN	3/8	10.0 TPG (d)		U A
6734	COMP+CAN	3/16	5.0 TTG (MC)		U A	3263	COMP+CAN	1/8	3.0 TTG (MC)		U A
6735	COMP+CAN	1/4	6.0 TTG (MC)		U A	3264	COMP+CAN	5/32	4.0 TTG (MC)		U A
6736	COMP+CAN	3/8	10.0 TTG (MC)		U A	3265	COMP+CAN	3/16	5.0 TTG (MC)		U A
6737	COMP+CAN	1/2	12.0 TTG (MC)		U A	3266	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Northwestern Industries - Arizona, Inc. ; Yuma, AZ:</b>						<b>Oldcastle BuildingEnvelope® ; Concord, Ontario:</b>					
6566	COMPOSITE	3/16	5.0 TTG (MC)		U A	4424	COMP+CAN	3/16	5.0 TPG (s)		U A
6567	COMPOSITE	1/4	6.0 TTG (MC)		U A	3440	COMP+CAN	5/32	4.0 TTG		U A
6568	COMPOSITE	5/16	8.0 TTG (MC)		U A	3441	COMP+CAN	3/16	5.0 TTG		U A
						3442	COMP+CAN	1/4	6.0 TTG (MC)		U A
						3443	COMP+CAN	5/16	8.0 TTG		U A
						3444	COMP+CAN	3/8	10.0 TTG		U A
						3445	COMP+CAN	1/2	12.0 TTG		U A
						3446	COMP+CAN	5/8	16.0 TTG		U A

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<b>Oldcastle BuildingEnvelope® ; Covington, GA:</b>						<b>Oldcastle BuildingEnvelope® ; Langley, British Columbia:</b>					
3331	COMP+CAN	3/16	5.0 TTG (MC)		U A	2210	COMP+CAN	3/8	10.0 TPG (m)		U A
3332	COMP+CAN	1/4	6.0 TTG (MC)		U A	2216	COMP+CAN	1/8	3.0 TTG (MC)		U A
8407	COMP+CAN	5/16	8.0 TTG		U A	2216	COMP+CAN	5/32	4.0 TTG		U A
3333	COMP+CAN	3/8	10.0 TTG (MC)		U A	2211	COMP+CAN	3/16	5.0 TTG (MC)		U A
3334	COMP+CAN	1/2	12.0 TTG		U A	2212	COMP+CAN	1/4	6.0 TTG (MC)		U A
4390	COMP+CAN	5/8	16.0 TTG		U A	2213	COMP+CAN	3/8	10.0 TTG		U A
3335	COMP+CAN	3/4	19.0 TTG		U A	2214	COMP+CAN	1/2	12.0 TTG		U A
<b>Oldcastle BuildingEnvelope® ; Denver, CO:</b>						<b>Oldcastle BuildingEnvelope® ; Langley, British Columbia:</b>					
3317	COMP+CAN	1/8	3.0 TPG (s)		U A	3295	COMP+CAN	1/8	3.0 TPG (m)		U A
3318	COMP+CAN	5/32	4.0 TPG (d)		U A	3296	COMP+CAN	5/32	4.0 TPG (d)		U A
3319	COMP+CAN	3/16	5.0 TPG (m)		U A	3297	COMP+CAN	3/16	5.0 TPG (d)		U A
3321	COMP+CAN	3/8	10.0 TPG (m)		U A	4710	COMP+CAN	3/8	10.0 TPG (s)		U A
3310	COMP+CAN	1/8	3.0 TTG (MC)		U A	3286	COMP+CAN	1/8	3.0 TTG (MC)		U A
3311	COMP+CAN	5/32	4.0 TTG		U A	3287	COMP+CAN	5/32	4.0 TTG (MC)		U A
3312	COMP+CAN	3/16	5.0 TTG (MC)		U A	3288	COMP+CAN	3/16	5.0 TTG (MC)		U A
3313	COMP+CAN	1/4	6.0 TTG (MC)		U A	3289	COMP+CAN	1/4	6.0 TTG (MC)		U A
3314	COMP+CAN	3/8	10.0 TTG		U A	3290	COMP+CAN	5/16	8.0 TTG (MC)		U A
3315	COMP+CAN	1/2	12.0 TTG		U A	3291	COMP+CAN	3/8	10.0 TTG		U A
<b>Oldcastle BuildingEnvelope® ; Fremont, CA:</b>						<b>Oldcastle BuildingEnvelope® ; Miami, FL:</b>					
3199	COMP+CAN	1/8	3.0 TPG (s)		U A	3292	COMP+CAN	1/2	12.0 TTG		U A
3201	COMP+CAN	3/16	5.0 TPG (m)		U A	3293	COMP+CAN	5/8	16.0 TTG		U A
3907	COMP+CAN	1/4	6.0 TPG (m)		U A	3294	COMP+CAN	3/4	19.0 TTG		U A
3203	COMP+CAN	3/8	10.0 TPG (m)		U A	<b>Oldcastle BuildingEnvelope® ; Miami, FL:</b>					
3191	COMP+CAN	1/8	3.0 TTG (MC)		U A	3502	COMP+CAN	3/16	5.0 TPG (m)		U A
3192	COMP+CAN	5/32	4.0 TTG		U A	4477	COMP+CAN	1/4	6.0 TPG (d)		U A
3193	COMP+CAN	3/16	5.0 TTG (MC)		U A	3503	COMP+CAN	3/8	10.0 TPG (s)		U A
3194	COMP+CAN	1/4	6.0 TTG (MC)		U A	7847	COMP+CAN	5/32	4.0 TTG		U A
5387	COMP+CAN	5/16	8.0 TTG		U A	3497	COMP+CAN	3/16	5.0 TTG		U A
3195	COMP+CAN	3/8	10.0 TTG		U A	3498	COMP+CAN	1/4	6.0 TTG (MC)		U A
3196	COMP+CAN	1/2	12.0 TTG		U A	7848	COMP+CAN	5/16	8.0 TTG		U A
4458	COMP+CAN	5/8	16.0 TTG		U A	3499	COMP+CAN	3/8	10.0 TTG		U A
3197	COMP+CAN	3/4	19.0 TTG		U A	3500	COMP+CAN	1/2	12.0 TTG		U A
<b>Oldcastle BuildingEnvelope® ; Grand Prairie, TX:</b>						<b>Oldcastle BuildingEnvelope® ; Moorestown, NJ:</b>					
3426	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A	3186	COMP+CAN	1/8	3.0 TPG (s)		U A
3427	COMP+CAN	3/16	5.0 TPG (s)		U A	3188	COMP+CAN	3/16	5.0 TPG (m)		U A
3428	COMP+CAN	3/8	10.0 TPG (s)		U A	3189	COMP+CAN	1/4	6.0 TPG (m)		U A
3250	COMP+CAN	1/8	3.0 TTG (MC)		U A	3190	COMP+CAN	3/8	10.0 TPG (m)(IN)		U A
3252	COMP+CAN	3/16	5.0 TTG (MC)		U A	IN					
3253	COMP+CAN	1/4	6.0 TTG (MC)		U A	3180	COMP+CAN	1/8	3.0 TTG (MC)		U A
3255	COMP+CAN	3/8	10.0 TTG		U A	3182	COMP+CAN	3/16	5.0 TTG (MC)		U A
3256	COMP+CAN	1/2	12.0 TTG		U A	3183	COMP+CAN	1/4	6.0 TTG (MC)		U A
7039	COMP+CAN	5/8	16.0 TTG		U A	3184	COMP+CAN	3/8	10.0 TTG		U A
<b>Oldcastle BuildingEnvelope® ; Hauppauge, NY:</b>						<b>Oldcastle BuildingEnvelope® ; Moorestown, NJ:</b>					
1546	COMP+CAN	1/8	3.0 TTG (MC)		U A	3185	COMP+CAN	1/2	12.0 TTG		U A
1547	COMP+CAN	3/16	5.0 TTG (MC)		U A	4054	COMP+CAN	5/8	16.0 TTG		U A
1548	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Oldcastle BuildingEnvelope® ; Perrysburg, OH:</b>					
4180	COMP+CAN	5/16	8.0 TTG (MC)		U A	3243	COMP+CAN	3/16	5.0 TPG (s)		U A
1549	COMP+CAN	3/8	10.0 TTG (MC)		U A	3244	COMP+CAN	1/4	6.0 TPG (m)		U A
1550	COMP+CAN	1/2	12.0 TTG		U A	3233	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® ; Houston, TX:</b>						<b>Oldcastle BuildingEnvelope® ; Perrysburg, OH:</b>					
7914	COMPOSITE	3/16	5.0 TPG (s)		U A	3234	COMP+CAN	5/32	4.0 TTG (IN)		U A
7915	COMPOSITE	3/8	10.0 TPG (s)		U A	IN					
7909	COMPOSITE	5/32	4.0 TTG		U A	3235	COMP+CAN	3/16	5.0 TTG (MC)		U A
7910	COMPOSITE	3/16	5.0 TTG		U A	3236	COMP+CAN	1/4	6.0 TTG (MC)		U A
6728	COMPOSITE	1/4	6.0 TTG (MC)		U A	4443	COMP+CAN	5/16	8.0 TTG		U A
7911	COMPOSITE	5/16	8.0 TTG		U A	3237	COMP+CAN	3/8	10.0 TTG		U A
6729	COMPOSITE	3/8	10.0 TTG		U A	3238	COMP+CAN	1/2	12.0 TTG		U A
6730	COMPOSITE	1/2	12.0 TTG		U A	3239	COMP+CAN	5/8	16.0 TTG		U A
7912	COMPOSITE	5/8	16.0 TTG		U A	3240	COMP+CAN	3/4	19.0 TTG		U A
7913	COMPOSITE	3/4	19.0 TTG		U A	<b>Oldcastle BuildingEnvelope® ; Phoenix, AZ:</b>					
<b>Oldcastle BuildingEnvelope® ; Indianapolis, IN:</b>						<b>Oldcastle BuildingEnvelope® ; Phoenix, AZ:</b>					
2215	COMP+CAN	3/16	5.0 TPG (m)		U A	7521	COMP+CAN	1/8	3.0 TPG (IN)(s)		U A
5442	COMP+CAN	1/4	6.0 TPG (m)		U A	IN					
						3136	COMP+CAN	3/16	5.0 TPG (m)		U A
						3999	COMP+CAN	1/4	6.0 TPG (m)		U A
						3729	COMP+CAN	3/8	10.0 TPG (m)		U A
						3128	COMP+CAN	1/8	3.0 TTG (MC)		U A
						3130	COMP+CAN	3/16	5.0 TTG (MC)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
3131	COMP+CAN	1/4	6.0 TTG (MC)		U A	7398	COMP+CAN	3/4	19.0 TTG		U A
3132	COMP+CAN	3/8	10.0 TTG		U A	<b>Opulux Glass ; East Hanover, NJ:</b>					
3133	COMP+CAN	1/2	12.0 TTG		U A	8450	COMP+CAN	3/16	5.0 TTG (MC)		U A
6394	COMP+CAN	3/4	19.0 TTG		U A	8451	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® ; Rock Hill, SC:</b>						8452	COMP+CAN	3/8	10.0 TTG		U A
3281	COMP+CAN	1/8	3.0 TPG (s)(IN)		U A	8453	COMP+CAN	1/2	12.0 TTG		U A
IN						<b>P&amp;C Tempered Glass, LLC. ; Medley, FL:</b>					
4396	COMP+CAN	5/32	4.0 TPG (d)(IN)		U A	8342	COMPOSITE	1/4	6.0 TTG		U A
IN						8343	COMPOSITE	3/8	10.0 TTG		U A
9728	COMP+CAN	1/4	6.0 TPG (s)		U A	8542	COMPOSITE	1/2	12.0 TTG		U A
3285	COMP+CAN	3/8	10.0 TPG (d)		U A	<b>PAN- DUR Glass GmbH ; Ilmenau, Thuringen:</b>					
3276	COMP+CAN	1/8	3.0 TTG (IN)		U A	6738	COMPOSITE	5/32	4.0 TTG		U A
IN						6739	COMPOSITE	1/4	6.0 TTG		U A
3462	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Panasonic Housing Solutions Co., Ltd. ; Oyabe, Toyama:</b>					
3277	COMP+CAN	3/16	5.0 TTG (MC)		U A	8731	COMPOSITE	1/4	6.0 VIGT (MC)		U A
3278	COMP+CAN	1/4	6.0 TTG (MC)		U A	8561	COMPOSITE	5/16	8.0 VIGT (MC)		U A
4787	COMP+CAN	5/16	8.0 TTG (IN)		U A	<b>Panoramic Doors LLC ; Fort Worth, TX:</b>					
3279	COMP+CAN	3/8	10.0 TTG		U A	8198	COMP+CAN	5/32	4.0 TTG (MC)		U A
3280	COMP+CAN	1/2	12.0 TTG		U A	8504	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® ; Schofield, WI:</b>						<b>Paragon Tempered Glass ; Antwerp, OH:</b>					
3178	COMP+CAN	3/16	5.0 TPG (d)		U A	5242	COMPOSITE	3/16	5.0 TBG		U A
3167	COMP+CAN	1/8	3.0 TTG (MC)		U A	8863	COMPOSITE	1/4	6.0 TBG		34X4 0 A
3168	COMP+CAN	5/32	4.0 TTG (MC)		U A	2684	COMPOSITE	1/8	3.0 TTG (MC)		U A
3169	COMP+CAN	3/16	5.0 TTG (MC)		U A	2685	COMPOSITE	5/32	4.0 TTG		U A
3170	COMP+CAN	1/4	6.0 TTG (MC)		U A	2686	COMPOSITE	3/16	5.0 TTG (MC)		U A
3171	COMP+CAN	5/16	8.0 TTG (MC)		U A	2687	COMPOSITE	1/4	6.0 TTG (MC)		U A
3172	COMP+CAN	3/8	10.0 TTG (MC)		U A	<b>Patio Enclosures ; Macedonia, OH:</b>					
3173	COMP+CAN	1/2	12.0 TTG		U A	7843	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® ; Tampa, FL:</b>						8670	COMP+CAN	5/32	4.0 TTG (MC)		U A
3124	COMP+CAN	3/16	5.0 TPG (m)		U A	<b>Patriot Armored Systems, LLC ; Lee, MA:</b>					
3125	COMP+CAN	1/4	6.0 TPG (m)		U A	6688	COMPOSITE	1/8	3.0 TTG		U A
4340	COMP+CAN	3/8	10.0 TPG (s)		U A	6689	COMPOSITE	3/16	5.0 TTG		U A
3118	COMP+CAN	3/16	5.0 TTG (MC)		U A	6690	COMPOSITE	1/4	6.0 TTG (MC)		U A
3119	COMP+CAN	1/4	6.0 TTG (MC)		U A	6691	COMPOSITE	3/8	10.0 TTG		U A
3120	COMP+CAN	3/8	10.0 TTG		U A	<b>Perficom S.A. DE C.V. ; San Juan Del Rio, Queretaro:</b>					
3121	COMP+CAN	1/2	12.0 TTG		U A	4512	COMPOSITE	1/8	3.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® ; Warrenton, MO:</b>						9174	COMPOSITE	1/4	6.0 TTG		U A
3152	COMP+CAN	5/32	4.0 TPG (s)		U A	9185	COMPOSITE	*	12.0 TTG (4)		U A
3153	COMP+CAN	3/16	5.0 TPG (m)		U A	<b>PFG Glass ; Langley, British Columbia:</b>					
3154	COMP+CAN	1/4	6.0 TPG (m)		U A	3547	COMP+CAN	1/8	3.0 TPG (s)		U A
3155	COMP+CAN	3/8	10.0 TPG (d)		U A	3548	COMP+CAN	5/32	4.0 TPG (m)		U A
3144	COMP+CAN	1/8	3.0 TTG (MC)		U A	3549	COMP+CAN	3/16	5.0 TPG (s)		U A
3145	COMP+CAN	5/32	4.0 TTG		U A	3711	COMP+CAN	1/4	6.0 TPG (s)		U A
3146	COMP+CAN	3/16	5.0 TTG (MC)		U A	3538	COMP+CAN	1/8	3.0 TTG (MC)		U A
3147	COMP+CAN	1/4	6.0 TTG (MC)		U A	3539	COMP+CAN	5/32	4.0 TTG (MC)		U A
3796	COMP+CAN	5/16	8.0 TTG		U A	3540	COMP+CAN	3/16	5.0 TTG (MC)		U A
3148	COMP+CAN	3/8	10.0 TTG		U A	3542	COMP+CAN	5/16	8.0 TTG		U A
3149	COMP+CAN	1/2	12.0 TTG		U A	3543	COMP+CAN	3/8	10.0 TTG		U A
5904	COMP+CAN	5/8	16.0 TTG		U A	3544	COMP+CAN	1/2	12.0 TTG		U A
<b>Oldcastle BuildingEnvelope® ; Wright City, MO:</b>						<b>PGT Industries ; North Venice, FL:</b>					
3137	COMP+CAN	1/8	3.0 TTG (MC)		U A	3880	COMPOSITE	1/8	3.0 TPG (s)		U A
3138	COMP+CAN	5/32	4.0 TTG		U A	3881	COMPOSITE	3/16	5.0 TPG (s)		U A
3139	COMP+CAN	3/16	5.0 TTG (MC)		U A	2389	COMPOSITE	1/8	3.0 TTG (MC)		U A
3140	COMP+CAN	1/4	6.0 TTG (MC)		U A	2390	COMPOSITE	3/16	5.0 TTG (MC)		U A
3141	COMP+CAN	5/16	8.0 TTG (MC)		U A	2391	COMPOSITE	1/4	6.0 TTG (MC)		U A
3142	COMP+CAN	3/8	10.0 TTG (MC)		U A	<b>Philly Glass Industry Inc. ; Philadelphia, PA:</b>					
3143	COMP+CAN	1/2	12.0 TTG		U A	7652	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec:</b>						7653	COMP+CAN	1/4	6.0 TTG (MC)		U A
4247	COMP+CAN	5/32	4.0 TTG		U A	7654	COMP+CAN	3/8	10.0 TTG		U A
1997	COMP+CAN	3/16	5.0 TTG		U A	7655	COMP+CAN	1/2	12.0 TTG		U A
2543	COMP+CAN	1/4	6.0 TTG (MC)		U A						
2884	COMP+CAN	5/16	8.0 TTG		U A						
2544	COMP+CAN	3/8	10.0 TTG		U A						
2062	COMP+CAN	1/2	12.0 TTG		U A						
7397	COMP+CAN	5/8	16.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
7656	COMP+CAN	5/8	16.0 TTG (IN)		U A	7815	COMP+CAN	5/8	16.0 TTG		U A
IN						7816	COMP+CAN	3/4	19.0 TTG		U A
7657	COMP+CAN	3/4	19.0 TTG (IN)		U A	<b>PRESS GLASS SP ZOO ; Radomsko, Poland:</b>					
IN						5845	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan:</b>						6963	COMP+CAN	3/16	5.0 TTG (MC)		U A
8100	COMP+CAN	3/16	5.0 TTG		U A	5846	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Portland Glass Manufacturing ; Clackamas, OR:</b>						5847	COMP+CAN	5/16	8.0 TTG (MC)		U A
6372	COMPOSITE	1/4	6.0 TTG (MC)		U A	5848	COMP+CAN	3/8	10.0 TTG (MC)		U A
6373	COMPOSITE	3/8	10.0 TTG		U A	5849	COMP+CAN	1/2	12.0 TTG (MC)		U A
6510	COMPOSITE	1/2	12.0 TTG		U A	5850	COMP+CAN	*	15.0 TTG (4)		U A
<b>Precision Glass Bending Corporation ; Greenwood, AR:</b>						<b>PRESS GLASS SP ZOO ; Tychy, Poland:</b>					
7149	COMP+CAN	1/4	6.0 TBG (IN)		U A	7509	COMP+CAN	3/16	5.0 TBG		U A
IN						7510	COMP+CAN	1/4	6.0 TBG		U A
7150	COMP+CAN	3/8	10.0 TBG (IN)		U A	7511	COMP+CAN	5/16	8.0 TBG		U A
IN						7512	COMP+CAN	3/8	10.0 TBG		U A
7151	COMP+CAN	1/2	12.0 TBG (IN)		U A	7513	COMP+CAN	*	12.0 TBG (2)		U A
IN						7514	COMP+CAN	*	15.0 TBG (2)		U A
7152	COMP+CAN	5/8	16.0 TBG (IN)		U A	5852	COMP+CAN	5/32	4.0 TTG (MC)		U A
IN						6404	COMP+CAN	3/16	5.0 TTG (MC)		U A
7153	COMP+CAN	3/4	19.0 TBG (IN)		U A	5853	COMP+CAN	1/4	6.0 TTG (MC)		U A
IN						5854	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>Precision Glass Industries ; Houston, TX:</b>						5855	COMP+CAN	3/8	10.0 TTG (MC)		U A
8992	COMPOSITE	3/16	5.0 TPG (m)		U A	5856	COMP+CAN	1/2	12.0 TTG (MC)		U A
7605	COMPOSITE	3/8	10.0 TPG (s)		U A	5857	COMP+CAN	*	15.0 TTG (4)		U A
6886	COMPOSITE	3/16	5.0 TTG		U A	<b>Press Glass, Inc. ; Stoneville, NC:</b>					
6887	COMPOSITE	1/4	6.0 TTG (MC)		U A	8621	COMP+CAN	5/32	4.0 TTG		U A
6888	COMPOSITE	3/8	10.0 TTG		U A	2730	COMP+CAN	3/16	5.0 TTG (MC)		U A
6889	COMPOSITE	1/2	12.0 TTG		U A	2732	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Prelco Inc. ; Riviere-du-loup, Quebec:</b>						5259	COMP+CAN	5/16	8.0 TTG (MC)		U A
2034	COMP+CAN	1/8	3.0 TTG (MC)		U A	2729	COMP+CAN	3/8	10.0 TTG (MC)		U A
2035	COMP+CAN	5/32	4.0 TTG (MC)		U A	2733	COMP+CAN	1/2	12.0 TTG		U A
2713	COMP+CAN	3/16	5.0 TTG (MC)		U A	2731	COMP+CAN	5/8	16.0 TTG		U A
7800	COMP+CAN	1/4	6.0 TTG (MC)		U A	2734	COMP+CAN	3/4	19.0 TTG		U A
2751	COMP+CAN	5/16	8.0 TTG (MC)		U A	<b>PRL Glass Systems ; City of Industry, CA:</b>					
2381	COMP+CAN	3/8	10.0 TTG (MC)		U A	6508	COMPOSITE	1/4	6.0 TTG (MC)		U A
2048	COMP+CAN	1/2	12.0 TTG		U A	<b>Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro:</b>					
<b>Prelco Inc. ; Saint-Jacques, New Brunswick:</b>						6716	COMPOSITE	1/8	3.0 TTG (MC)		U A
4912	COMP+CAN	5/32	4.0 TTG (MC)		U A	6717	COMPOSITE	1/4	6.0 TTG (MC)		U A
4913	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco:</b>					
4914	COMP+CAN	1/4	6.0 TTG (MC)		U A	6718	COMPOSITE	1/4	6.0 TTG		U A
4915	COMP+CAN	5/16	8.0 TTG		U A	6719	COMPOSITE	3/8	10.0 TTG		U A
4916	COMP+CAN	3/8	10.0 TTG		U A	6720	COMPOSITE	*	12.0 TTG (4)		U A
4917	COMP+CAN	1/2	12.0 TTG		U A	<b>Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon:</b>					
5610	COMP+CAN	5/8	16.0 TTG		U A	6517	COMPOSITE	1/4	6.0 TTG		U A
5611	COMP+CAN	3/4	19.0 TTG		U A	6518	COMPOSITE	3/8	10.0 TTG		U A
<b>Prelco MTL Inc. ; Montreal, Quebec:</b>						<b>Produits Verrier International Inc. ; Montreal, Quebec:</b>					
7481	COMP+CAN	5/32	4.0 TTG (MC)		U A	5504	COMP+CAN	1/8	3.0 TPG (m)		U A
7482	COMP+CAN	3/16	5.0 TTG (MC)		U A	5505	COMP+CAN	3/16	5.0 TPG (m)		U A
7483	COMP+CAN	1/4	6.0 TTG (MC)		U A	5498	COMP+CAN	1/8	3.0 TTG (MC)		U A
7484	COMP+CAN	5/16	8.0 TTG (MC)		U A	5499	COMP+CAN	5/32	4.0 TTG (MC)		U A
7485	COMP+CAN	3/8	10.0 TTG		U A	5500	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Premier Glass Products ; Atlanta, GA:</b>						5501	COMP+CAN	1/4	6.0 TTG (MC)		U A
8837	COMP+CAN	1/4	6.0 TBG		U A	7844	COMP+CAN	5/16	8.0 TTG		U A
8838	COMP+CAN	3/8	10.0 TBG		U A	5502	COMP+CAN	3/8	10.0 TTG (MC)		U A
8839	COMP+CAN	1/2	12.0 TBG		U A	5503	COMP+CAN	1/2	12.0 TTG		U A
8562	COMP+CAN	3/16	5.0 TTG		U A	<b>ProTemp Glass, Inc. ; Concord, Ontario:</b>					
8377	COMP+CAN	1/4	6.0 TTG		U A	7410	COMP+CAN	5/32	4.0 TTG (MC)		U A
8378	COMP+CAN	3/8	10.0 TTG		U A	7411	COMP+CAN	3/16	5.0 TTG (MC)		U A
8379	COMP+CAN	1/2	12.0 TTG		U A	7382	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Press Glass Inc. ; Ridgeway, VA:</b>						7312	COMP+CAN	5/16	8.0 TTG (MC)		U A
7810	COMP+CAN	3/16	5.0 TTG (MC)		U A	7313	COMP+CAN	3/8	10.0 TTG		U A
7811	COMP+CAN	1/4	6.0 TTG (MC)		U A	7314	COMP+CAN	1/2	12.0 TTG		U A
7812	COMP+CAN	5/16	8.0 TTG (MC)		U A	7315	COMP+CAN	5/8	16.0 TTG		U A
7813	COMP+CAN	3/8	10.0 TTG (MC)		U A						
7814	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
7316	COMP+CAN	3/4	19.0 TTG		U A	<b>Qinhuangdao Shengrui Glass Processing CO., LTD. ; Qinhuangdao, Hebei:</b>					
<b>Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz:</b>						8664	COMPOSITE	1/8	3.0 TTG (MC)		U A
9862	COMP+CAN	1/4	6.0 TPG (s)		U A	<b>QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei:</b>					
9084	COMP+CAN	5/32	4.0 TTG		U A	9046	COMPOSITE	5/32	4.0 TPG (d)		U A
9081	COMP+CAN	1/4	6.0 TTG		U A	3690	COMPOSITE	1/8	3.0 TTG		U A
9082	COMP+CAN	5/16	8.0 TTG		U A	9195	COMPOSITE	5/32	4.0 TTG (MC)		U A
9083	COMP+CAN	3/8	10.0 TTG		U A	<b>Quaker Window Products, Inc. ; Freeburg, MO:</b>					
<b>PT Abebersa Pratama ; Bekasi, Indonesia:</b>						2968	COMP+CAN	1/8	3.0 TPG (m)		U A
8000	COMPOSITE	5/32	4.0 TPG (s)		U A	2969	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A
3905	COMPOSITE	5/32	4.0 TTG (MC)		U A	IN					
3906	COMPOSITE	3/16	5.0 TTG		U A	3486	COMP+CAN	3/16	5.0 TPG (m)		U A
<b>Pulp Studio, Inc. ; Gardena, CA:</b>						2970	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
7860	COMP+CAN	3/16	5.0 TTG		U A	IN					
6416	COMP+CAN	1/4	6.0 TTG (MC)		U A	2985	COMP+CAN	1/8	3.0 TTG (MC)		U A
7807	COMP+CAN	3/8	10.0 TTG (MC)		U A	5297	COMP+CAN	5/32	4.0 TTG (MC)		U A
7808	COMP+CAN	1/2	12.0 TTG		U A	2986	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Qianse Acrylic Co., LTD. ; Dongguan, Guangdong Province:</b>						3485	COMP+CAN	1/4	6.0 TTG (MC)		U A
7247	ANSI ONLY	1/8	3.0 SPS		U A	7935	COMP+CAN	5/16	8.0 TTG		U A
<b>Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong Province:</b>						<b>Quality Enclosures ; Central Islip, NY:</b>					
9073	COMP+CAN	3/16	5.0 TTG		U A	6444	COMP+CAN	3/16	5.0 TPG (s)		U A
8349	COMP+CAN	1/4	6.0 TTG		U A	6445	COMP+CAN	1/4	6.0 TPG (s)		U A
9074	COMP+CAN	5/16	8.0 TTG		U A	6446	COMP+CAN	3/8	10.0 TPG (m)		U A
8350	COMP+CAN	3/8	10.0 TTG		U A	6440	COMP+CAN	3/16	5.0 TTG		U A
<b>Qingdao Chinastar Glass CO., Ltd. ; Qingdao, Shandong Province:</b>						6441	COMP+CAN	1/4	6.0 TTG		U A
9740	COMP+CAN	3/8	10.0 TTG		U A	6442	COMP+CAN	3/8	10.0 TTG		U A
<b>Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong Province:</b>						6443	COMP+CAN	1/2	12.0 TTG		U A
8516	COMP+CAN	1/4	6.0 TTG		U A	<b>Quality Enclosures Tempering, Inc. ; Port Orange, FL:</b>					
8517	COMP+CAN	3/8	10.0 TTG		U A	6247	COMPOSITE	3/16	5.0 TPG (m)		U A
8518	COMP+CAN	1/2	12.0 TTG		U A	6248	COMPOSITE	1/4	6.0 TPG (s)		U A
<b>Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong Province:</b>						6249	COMPOSITE	3/8	10.0 TPG (s)		U A
6776	COMP+CAN	1/8	3.0 TTG		U A	6243	COMPOSITE	3/16	5.0 TTG		U A
6777	COMP+CAN	5/32	4.0 TTG		U A	6244	COMPOSITE	1/4	6.0 TTG		U A
<b>Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong Province:</b>						6245	COMPOSITE	3/8	10.0 TTG		U A
8410	COMP+CAN	1/4	6.0 TTG		U A	6246	COMPOSITE	1/2	12.0 TTG		U A
7681	COMP+CAN	*	12.0 TTG (3)		U A	<b>Quality Glass &amp; Mirror, Inc. ; Mount Prospect, IL:</b>					
<b>Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong Province:</b>						8914	COMPOSITE	5/32	4.0 TTG		U A
8529	COMP+CAN	*	3.0 TTG (3)		U A	8915	COMPOSITE	3/16	5.0 TTG		U A
8530	COMP+CAN	5/32	4.0 TTG		U A	8916	COMPOSITE	1/4	6.0 TTG		U A
8531	COMP+CAN	3/16	5.0 TTG		U A	8917	COMPOSITE	3/8	10.0 TTG		U A
8532	COMP+CAN	1/4	6.0 TTG		U A	8918	COMPOSITE	1/2	12.0 TTG		U A
8216	COMP+CAN	3/8	10.0 TTG		U A	<b>Quest USA, Inc. ; Garland, TX:</b>					
<b>Qingdao Runya Glass Products Co., LTD ; Qingdao, Shandong Province:</b>						7659	COMP+CAN	1/4	6.0 TTG (MC)		U A
8620	COMP+CAN	1/2	12.0 TTG		U A	<b>Quest Window Systems ; Mississauga, Ontario:</b>					
<b>Qinhuangdao Entrylite Technology Co.,Ltd. ; Qinhuangdao, Hebei:</b>						5719	COMP+CAN	1/4	6.0 TTG (MC)		U A
9872	COMPOSITE	1/8	3.0 TPG (s)		U A	<b>Ready Glass &amp; Mirror, Inc. ; Hialeah, FL:</b>					
9870	COMPOSITE	1/8	3.0 TTG (MC)		U A	3745	COMPOSITE	3/16	5.0 TTG		U A
9871	COMPOSITE	5/32	4.0 TTG (MC)		U A	3746	COMPOSITE	1/4	6.0 TTG		U A
<b>Qinhuangdao Huaguang Technology Glass Co., Ltd. ; Qinhuangdao, Hebei:</b>						3747	COMPOSITE	3/8	10.0 TTG		U A
8352	COMPOSITE	1/8	3.0 TTG		U A	3748	COMPOSITE	1/2	12.0 TTG		U A
<b>Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao, Hebei:</b>						<b>Reem Emirates Aluminum &amp; Glass ; Abu Dhabi, United Arab Emirates:</b>					
5280	COMPOSITE	1/8	3.0 TTG (MC)		U A	4675	COMP+CAN	1/4	6.0 TTG		U A
<b>Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:</b>						4676	COMP+CAN	5/16	8.0 TTG		U A
5141	COMPOSITE	1/8	3.0 TTG (MC)		U A	4677	COMP+CAN	3/8	10.0 TTG		U A
9835	COMPOSITE	5/32	4.0 TTG (MC)		U A	<b>Renin Canada Corp. ; Brampton, Ontario:</b>					
						8318	COMP+CAN	1/4	6.0 TTG		U A
						8278	COMP+CAN	3/8	10.0 TTG		U A
						8319	COMP+CAN	1/2	12.0 TTG		U A
						<b>Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekoj:</b>					
						8830	COMPOSITE	1/4	6.0 TTG		U A
						8831	COMPOSITE	5/16	8.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
8832	COMPOSITE	3/8	10.0 TTG		U A	4999	COMP+CAN	3/8	10.0 TTG		U A
8833	COMPOSITE	1/2	12.0 TTG		U A	5000	COMP+CAN	1/2	12.0 TTG		U A
<b>Rider Glass Company Limited ; Qingdao, Shandong Province:</b>						<b>Saban Acikgoz Ins Malz San Tic AS ; Cerkezko, Tekirdag:</b>					
8624	COMP+CAN	1/8	3.0 TTG		U A	9251	COMP+CAN	*	4.0 TTG (3)		U A
8625	COMP+CAN	5/32	4.0 TTG		U A	9252	COMP+CAN	*	5.0 TTG (3)		U A
8464	COMP+CAN	3/16	5.0 TTG		U A	9253	COMP+CAN	*	6.0 TTG (3)		U A
8465	COMP+CAN	1/4	6.0 TTG		U A	9254	COMP+CAN	*	8.0 TTG (3)		U A
8466	COMP+CAN	5/16	8.0 TTG		U A	9255	COMP+CAN	*	10.0 TTG (3)		U A
8467	COMP+CAN	3/8	10.0 TTG		U A	<b>Safti First ; Merced, CA:</b>					
8875	COMP+CAN	1/2	12.0 TTG		U A	8983	COMP+CAN	1/8	3.0 TTG		U A
8876	COMP+CAN	*	15.0 TTG (3)		U A	8984	COMP+CAN	3/16	5.0 TTG		U A
8877	COMP+CAN	3/4	19.0 TTG		U A	8985	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong Province:</b>						8986	COMP+CAN	3/8	10.0 TTG		U A
5566	COMP+CAN	5/32	4.0 TTG		U A	<b>SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Jaroszwiec, Poland:</b>					
5567	COMP+CAN	3/16	5.0 TTG		U A	9256	COMP+CAN	*	4.0 TTG (3)(MC)		U A
5568	COMP+CAN	1/4	6.0 TTG		U A	9257	COMP+CAN	1/4	6.0 TTG (MC)		U A
5569	COMP+CAN	5/16	8.0 TTG		U A	9258	COMP+CAN	5/16	8.0 TTG (MC)		U A
5570	COMP+CAN	3/8	10.0 TTG		U A	9259	COMP+CAN	3/8	10.0 TTG (MC)		U A
5571	COMP+CAN	1/2	12.0 TTG		U A	<b>SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Brwinow, Poland:</b>					
5572	COMP+CAN	*	15.0 TTG (4)		U A	9301	COMP+CAN	5/32	4.0 TTG (MC)		U A
<b>Robover Inc. ; Quebec City, Quebec:</b>						9302	COMP+CAN	1/4	6.0 TTG (MC)		U A
5199	COMP+CAN	1/8	3.0 TTG (MC)		U A	9303	COMP+CAN	5/16	8.0 TTG (MC)		U A
5200	COMP+CAN	5/32	4.0 TTG (MC)		U A	9304	COMP+CAN	3/8	10.0 TTG (MC)		U A
5201	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Saudi American Glass Company ; Riyadh, Saudi Arabia:</b>					
5202	COMP+CAN	1/4	6.0 TTG (MC)		U A	8500	COMPOSITE	1/4	6.0 TTG		U A
5763	COMP+CAN	3/8	10.0 TTG		U A	8501	COMPOSITE	5/16	8.0 TTG		U A
5764	COMP+CAN	1/2	12.0 TTG		U A	<b>SC Olin S.R.L. ; Brasov, Romania:</b>					
<b>Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Santa Catarina:</b>						9703	COMP+CAN	1/4	6.0 TTG		U A
8103	COMP+CAN	5/32	4.0 TTG		U A	9704	COMP+CAN	5/16	8.0 TTG		U A
8192	COMP+CAN	1/4	6.0 TTG		U A	<b>Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX:</b>					
<b>S.F. Tempering ; Dania Beach, FL:</b>						7640	COMPOSITE	1/8	3.0 TTG (MC)		U A
5452	COMPOSITE	3/16	5.0 TTG		U A	8878	COMPOSITE	5/32	4.0 TTG (MC)		U A
5019	COMPOSITE	1/4	6.0 TTG		U A	7641	COMPOSITE	3/16	5.0 TTG (MC)		U A
5020	COMPOSITE	3/8	10.0 TTG		U A	7642	COMPOSITE	1/4	6.0 TTG		U A
5021	COMPOSITE	1/2	12.0 TTG		U A	<b>Sfera SRL ; Meolo, Metropolitan City of Venice:</b>					
<b>SAAND Inc. ; Toronto, Ontario:</b>						8087	COMP+CAN	5/32	4.0 TBG (MC)		U A
2481	COMP+CAN	1/8	3.0 TTG		U A	6079	COMP+CAN	1/4	6.0 TBG (MC)		U A
2482	COMP+CAN	5/32	4.0 TTG (MC)		U A	8086	COMP+CAN	5/16	8.0 TBG (MC)		U A
3023	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong Province:</b>					
2484	COMP+CAN	1/4	6.0 TTG (MC)		U A	9249	COMP+CAN	3/16	5.0 TTG		U A
4356	COMP+CAN	5/16	8.0 TTG		U A	<b>ShanDong HaanGlas Co., LTD ; Tai'an, Shandong Province:</b>					
4357	COMP+CAN	3/8	10.0 TTG		U A	9126	COMPOSITE	3/8	10.0 VIGT		U A
4358	COMP+CAN	1/2	12.0 TTG		U A	<b>Shandong Jinjing Science &amp; Technology Stock Co., Ltd. ; Zibo, Shandong Province:</b>					
<b>SAAND London ; London, Ontario:</b>						9843	COMPOSITE	5/32	4.0 TTG		U A
3978	COMP+CAN	1/8	3.0 TTG (MC)		U A	9844	COMPOSITE	3/8	10.0 TTG		U A
4278	COMP+CAN	5/32	4.0 TTG (MC)		U A	9845	COMPOSITE	1/2	12.0 TTG		U A
3979	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong Province:</b>					
3980	COMP+CAN	1/4	6.0 TTG (MC)		U A	7916	COMP+CAN	3/16	5.0 TPG (s)		U A
7658	COMP+CAN	5/16	8.0 TTG		U A	8312	COMP+CAN	1/4	6.0 TPG (s)		U A
3981	COMP+CAN	3/8	10.0 TTG		U A	8311	COMP+CAN	3/16	5.0 TTG		U A
7536	COMP+CAN	1/2	12.0 TTG		U A	7917	COMP+CAN	1/4	6.0 TTG		U A
<b>SAAND Ottawa ; Stittsville, Ontario:</b>						7918	COMP+CAN	5/16	8.0 TTG		U A
4949	COMP+CAN	1/8	3.0 TTG		U A	7919	COMP+CAN	3/8	10.0 TTG		U A
4950	COMP+CAN	5/32	4.0 TTG		U A	<b>Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong Province:</b>					
4951	COMP+CAN	3/16	5.0 TTG (MC)		U A	8355	COMP+CAN	1/4	6.0 TTG		U A
4952	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Shandong Wensheng Glass Technology Co., Ltd. ; Jinan, Shandong Province:</b>					
4953	COMP+CAN	3/8	10.0 TTG		U A	9682	COMP+CAN	1/4	6.0 TTG		U A
4954	COMP+CAN	1/2	12.0 TTG		U A						
<b>SAAND Rexdale ; Rexdale, Ontario:</b>											
4995	COMP+CAN	1/8	3.0 TTG		U A						
4996	COMP+CAN	5/32	4.0 TTG		U A						
4997	COMP+CAN	3/16	5.0 TTG		U A						
4998	COMP+CAN	1/4	6.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
9683	COMP+CAN	5/16	8.0 TTG		U A	2887	COMPOSITE	1/8	3.0 TTG (MC)		U A
<b>Shandong Xingguan Glass Technology Co., Ltd. ; Weifang City, Shandong Province:</b>						2888	COMPOSITE	3/16	5.0 TTG (MC)		U A
9773	COMP+CAN	1/4	6.0 TTG		U A	<b>Simonton Windows ; Paris, IL:</b>					
9774	COMP+CAN	5/16	8.0 TTG		U A	7251	COMPOSITE	1/8	3.0 TPG (m)		U A
<b>Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong Province:</b>						9841	COMPOSITE	3/16	5.0 TPG (s)		U A
7335	COMP+CAN	3/16	5.0 TTG		U A	4979	COMPOSITE	1/8	3.0 TTG (MC)		U A
7336	COMP+CAN	1/4	6.0 TTG		U A	4978	COMPOSITE	3/16	5.0 TTG (MC)		U A
7337	COMP+CAN	3/8	10.0 TTG		U A	<b>Sky Land Glass Corp. ; Richmond Hill, NY:</b>					
7338	COMP+CAN	*	12.0 TTG (3)		U A	9189	COMPOSITE	3/16	5.0 TTG (MC)		U A
<b>Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai:</b>						9190	COMPOSITE	1/4	6.0 TTG (MC)		U A
9049	COMP+CAN	3/16	5.0 TTG		U A	9191	COMPOSITE	3/8	10.0 TTG		U A
9050	COMP+CAN	3/8	10.0 TTG		U A	9192	COMPOSITE	1/2	12.0 TTG		U A
9051	COMP+CAN	1/2	12.0 TTG		U A	9193	COMPOSITE	5/8	16.0 TTG (IN)		U A
9052	COMP+CAN	*	15.0 TTG (3)		U A	IN					
<b>Shanghai SYP Engineering Glass ; Pudong, Shanghai:</b>						9194	COMPOSITE	3/4	19.0 TTG (IN)		U A
4067	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Skyline Design ; Chicago, IL:</b>					
4068	COMP+CAN	3/16	5.0 TTG (MC)		U A	6347	COMP+CAN	1/4	6.0 TPG (s)		U A
4069	COMP+CAN	1/4	6.0 TTG (MC)		U A	6350	COMP+CAN	1/2	12.0 TPG (s)		U A
4070	COMP+CAN	5/16	8.0 TTG (MC)		U A	6340	COMP+CAN	1/4	6.0 TTG		U A
4071	COMP+CAN	3/8	10.0 TTG (MC)		U A	6343	COMP+CAN	1/2	12.0 TTG		U A
4072	COMP+CAN	1/2	12.0 TTG (MC)		U A	<b>Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras:</b>					
4073	COMP+CAN	*	15.0 TTG (4)(MC)		U A	9967	COMP+CAN	3/16	5.0 TTG		U A
<b>Shanghai Zhenzhen Glassware Co., LTD. ; Fengxian District, Shanghai:</b>						9968	COMP+CAN	1/4	6.0 TTG		U A
6125	COMP+CAN	1/4	6.0 TTG		U A	8585	COMP+CAN	3/8	10.0 TTG		U A
6126	COMP+CAN	3/8	10.0 TTG		U A	8586	COMP+CAN	1/2	12.0 TTG		U A
<b>Shape Glass LLC. ; Sarasota, FL:</b>						<b>Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico:</b>					
6507	COMPOSITE	3/16	5.0 TPG (s)		U A	4639	COMPOSITE	3/16	5.0 TTG		U A
6947	COMPOSITE	3/8	10.0 TPG (s)		U A	4645	COMPOSITE	1/4	6.0 TTG (MC)		U A
6502	COMPOSITE	1/8	3.0 TTG		U A	4788	COMPOSITE	5/16	8.0 TTG		U A
6503	COMPOSITE	3/16	5.0 TTG		U A	4640	COMPOSITE	3/8	10.0 TTG		U A
6504	COMPOSITE	1/4	6.0 TTG		U A	4641	COMPOSITE	1/2	12.0 TTG		U A
6505	COMPOSITE	3/8	10.0 TTG		U A	4642	COMPOSITE	3/4	19.0 TTG		U A
6506	COMPOSITE	1/2	12.0 TTG		U A	<b>South Bay Showers, Inc. ; Santa Clara, CA:</b>					
<b>Shower Doors &amp; More Inc. ; Fort Lauderdale, FL:</b>						7254	COMPOSITE	3/8	10.0 TPG (s)		U A
5756	COMPOSITE	3/16	5.0 TTG		U A	7252	COMPOSITE	1/4	6.0 TTG		U A
5757	COMPOSITE	1/4	6.0 TTG		U A	6927	COMPOSITE	3/8	10.0 TTG		U A
5758	COMPOSITE	3/8	10.0 TTG		U A	6928	COMPOSITE	1/2	12.0 TTG		U A
5759	COMPOSITE	1/2	12.0 TTG		U A	<b>Southern Wholesale Glass, Inc. ; Americus, GA:</b>					
<b>Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan:</b>						7349	COMPOSITE	1/4	6.0 TTG		U A
7050	COMPOSITE	3/16	5.0 TTG		U A	7350	COMPOSITE	3/8	10.0 TTG		U A
7051	COMPOSITE	1/4	6.0 TTG		U A	<b>Specialty Glass Products ; Grand Rapids, MI:</b>					
7052	COMPOSITE	5/16	8.0 TTG		U A	9011	COMP+CAN	5/32	4.0 TTG		U A
7053	COMPOSITE	3/8	10.0 TTG		U A	9012	COMP+CAN	3/16	5.0 TTG		U A
7054	COMPOSITE	1/2	12.0 TTG		U A	9013	COMP+CAN	1/4	6.0 TTG		U A
7055	COMPOSITE	*	15.0 TTG (4)		U A	9014	COMP+CAN	3/8	10.0 TTG		U A
<b>Sierra Glass Fabrication Inc. ; Sparks, NV:</b>						9015	COMP+CAN	1/2	12.0 TTG		U A
7670	COMPOSITE	1/8	3.0 TTG (MC)		U A	<b>Splendor Shower Door ; Holland, OH:</b>					
6186	COMPOSITE	3/16	5.0 TTG (MC)		U A	7758	COMPOSITE	5/32	4.0 TPG (s)		U A
<b>SIGCO, Inc. ; Westbrook, ME:</b>						7759	COMPOSITE	3/16	5.0 TPG (m)		U A
3028	COMPOSITE	3/16	5.0 TPG (m)		U A	7761	COMPOSITE	3/8	10.0 TPG (s)		U A
4206	COMPOSITE	3/8	10.0 TPG (s)		U A	7753	COMPOSITE	5/32	4.0 TTG		U A
2961	COMPOSITE	1/8	3.0 TTG (MC)		U A	7754	COMPOSITE	3/16	5.0 TTG		U A
2962	COMPOSITE	5/32	4.0 TTG (MC)		U A	7755	COMPOSITE	1/4	6.0 TTG		U A
2963	COMPOSITE	3/16	5.0 TTG (MC)		U A	7756	COMPOSITE	3/8	10.0 TTG		U A
2964	COMPOSITE	1/4	6.0 TTG (MC)		U A	7757	COMPOSITE	1/2	12.0 TTG		U A
5213	COMPOSITE	5/16	8.0 TTG		U A	<b>Star Glass Tempering LLC ; Elk Grove Village, IL:</b>					
2965	COMPOSITE	3/8	10.0 TTG		U A	9717	COMP+CAN	1/4	6.0 TTG		U A
2966	COMPOSITE	1/2	12.0 TTG		U A	9718	COMP+CAN	3/8	10.0 TTG		U A
<b>Simonton Windows ; Ellenboro, WV:</b>						9719	COMP+CAN	1/2	12.0 TTG		U A
5296	COMPOSITE	1/8	3.0 TPG (s)		U A	<b>Stargrup Cam A.S. ; Arnavutkoy, Istanbul:</b>					
8411	COMPOSITE	3/16	5.0 TPG (s)		U A	8219	COMP+CAN	5/32	4.0 TTG		U A

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SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
8220	COMP+CAN	3/16	5.0 TTG		U A	4510	COMP+CAN	5/8	16.0 TTG		U A
6204	COMP+CAN	1/4	6.0 TTG		U A	<b>Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:</b>					
7579	COMP+CAN	5/16	8.0 TTG		U A	2133	COMP+CAN	1/8	3.0 TTG (MC)		U A
6205	COMP+CAN	3/8	10.0 TTG		U A	2287	COMP+CAN	5/32	4.0 TTG (MC)		U A
6206	COMP+CAN	1/2	12.0 TTG		U A	1993	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Strong Tempering Glass Industry LLC ; Brooklyn, NY:</b>						1994	COMP+CAN	1/4	6.0 TTG (MC)		U A
5939	COMPOSITE	3/16	5.0 TTG (MC)		U A	2134	COMP+CAN	5/16	8.0 TTG (MC)		U A
5940	COMPOSITE	1/4	6.0 TTG (MC)		U A	1995	COMP+CAN	3/8	10.0 TTG (MC)		U A
5942	COMPOSITE	3/8	10.0 TTG		U A	2135	COMP+CAN	1/2	12.0 TTG		U A
5941	COMPOSITE	1/2	12.0 TTG		U A	2365	COMP+CAN	5/8	16.0 TTG		U A
<b>Sunfire Glass, Inc. ; Medley, FL:</b>						<b>Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City (Old Location:</b>					
7038	COMPOSITE	3/16	5.0 TPG (s)		U A	9868	COMP+CAN	5/32	4.0 TTG		U A
7036	COMPOSITE	3/16	5.0 TTG		U A	9869	COMP+CAN	3/16	5.0 TTG		U A
7033	COMPOSITE	1/4	6.0 TTG		U A	7272	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Sunglas Technics Co., Ltd. ; Foshan, Guangdong Province:</b>						7273	COMP+CAN	3/8	10.0 TTG		U A
8090	COMPOSITE	1/4	6.0 TTG		U A	7274	COMP+CAN	1/2	12.0 TTG		U A
9036	COMPOSITE	5/16	8.0 TTG		U A	7275	COMP+CAN	3/4	19.0 TTG		U A
9943	COMP+CAN	3/8	10.0 TTG		U A	<b>TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps:</b>					
<b>Suzhou Yunyao Glass Co., Ltd. ; Suzhou, Jiangsu:</b>						8535	COMPOSITE	1/4	6.0 TTG		U A
9686	COMP+CAN	1/8	3.0 TTG		U A	8051	COMPOSITE	3/8	10.0 TTG		U A
<b>Swift Glass Co., Inc. ; Elmira Heights, NY:</b>						8050	COMPOSITE	1/2	12.0 TTG		U A
1555	COMPOSITE	1/8	3.0 TTG		U A	<b>Temp Glass Inc. ; El Paso, TX:</b>					
1556	COMPOSITE	3/16	5.0 TTG		U A	6698	COMPOSITE	3/16	5.0 TTG		U A
1557	COMPOSITE	1/4	6.0 TTG		U A	6699	COMPOSITE	1/4	6.0 TTG (MC)		U A
1558	COMPOSITE	3/8	10.0 TTG		U A	6700	COMPOSITE	3/8	10.0 TTG		U A
1559	COMPOSITE	1/2	12.0 TTG		U A	6701	COMPOSITE	1/2	12.0 TTG		U A
<b>Syracuse Glass Company, LLC ; Syracuse, NY:</b>						<b>Tempco Glass ; Flushing, NY:</b>					
9177	COMP+CAN	5/32	4.0 TPG (s)		U A	6715	COMPOSITE	1/8	3.0 TTG (MC)		U A
9176	COMP+CAN	3/16	5.0 TPG (m)		U A	5010	COMPOSITE	3/16	5.0 TTG (MC)		U A
9175	COMP+CAN	3/8	10.0 TPG (s)		U A	5011	COMPOSITE	1/4	6.0 TTG (MC)		U A
2654	COMP+CAN	1/8	3.0 TTG (MC)		U A	7285	COMPOSITE	5/16	8.0 TTG		U A
9092	COMP+CAN	5/32	4.0 TTG (MC)		U A	5012	COMPOSITE	3/8	10.0 TTG		U A
2957	COMP+CAN	3/16	5.0 TTG (MC)		U A	5013	COMPOSITE	1/2	12.0 TTG		U A
2656	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Tempered Glass Industries, INC. ; Clearwater, FL:</b>					
2958	COMP+CAN	3/8	10.0 TTG		U A	8494	COMPOSITE	3/8	10.0 TPG (s)		U A
2657	COMP+CAN	1/2	12.0 TTG		U A	8490	COMPOSITE	5/32	4.0 TTG		U A
<b>Tacoma Glass Mfg. Inc. ; Burlington, WA:</b>						8979	COMPOSITE	3/16	5.0 TTG		U A
9291	COMP+CAN	1/8	3.0 TTG (MC)		U A	8491	COMPOSITE	1/4	6.0 TTG		U A
9292	COMP+CAN	5/32	4.0 TTG		U A	8980	COMPOSITE	3/8	10.0 TTG		U A
9293	COMP+CAN	3/16	5.0 TTG (MC)		U A	8493	COMPOSITE	1/2	12.0 TTG		U A
5165	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>Tempion Tempering Glass LLC. ; Brooklyn, NY:</b>					
5166	COMPOSITE	3/8	10.0 TTG		U A	9802	COMPOSITE	3/16	5.0 TTG		U A
5167	COMPOSITE	1/2	12.0 TTG		U A	9803	COMPOSITE	1/4	6.0 TTG		U A
<b>Tacoma Glass Mfg. Inc. ; Tacoma, WA:</b>						9804	COMPOSITE	3/8	10.0 TTG		U A
8188	COMPOSITE	1/4	6.0 TTG (MC)		U A	9805	COMPOSITE	1/2	12.0 TTG		U A
8189	COMPOSITE	3/8	10.0 TTG		U A	<b>Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato:</b>					
8190	COMPOSITE	1/2	12.0 TTG		U A	9079	COMP+CAN	3/16	5.0 TTG		U A
<b>Technical Glass Company ; Jeddah, Saudi Arabia:</b>						8966	COMP+CAN	1/4	6.0 TTG		U A
7952	COMP+CAN	1/4	6.0 TTG		U A	8967	COMP+CAN	3/8	10.0 TTG		U A
7953	COMP+CAN	5/16	8.0 TTG		U A	8968	COMP+CAN	1/2	12.0 TTG		U A
7954	COMP+CAN	3/8	10.0 TTG		U A	<b>Templados Industriales S.A. de C.V. ; Chihuahua, Chihuahua:</b>					
7955	COMP+CAN	*	12.0 TTG (7)		U A	7880	COMPOSITE	1/4	6.0 TTG (MC)		U A
<b>Techni-Glass LLC ; Surgoinville, TN:</b>						7881	COMPOSITE	3/8	10.0 TTG		U A
3061	COMP+CAN	1/8	3.0 TPG (m)		U A	<b>Templex USA ; Palmetto, FL:</b>					
5050	COMP+CAN	5/32	4.0 TPG (m)		U A	9687	COMP+CAN	1/4	6.0 TTG		U A
2550	COMP+CAN	3/16	5.0 TPG (m)		U A	9688	COMP+CAN	3/8	10.0 TTG		U A
3060	COMP+CAN	1/4	6.0 TPG (s)		U A	9689	COMP+CAN	1/2	12.0 TTG		U A
2547	COMP+CAN	1/8	3.0 TTG (MC)(MC)		U A	<b>Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong Province:</b>					
2548	COMP+CAN	5/32	4.0 TTG		U A	6424	COMP+CAN	5/32	4.0 TPG (s)		U A
2549	COMP+CAN	3/16	5.0 TTG		U A	6425	COMP+CAN	3/16	5.0 TPG (s)		U A
2975	COMP+CAN	1/4	6.0 TTG		U A	6426	COMP+CAN	1/4	6.0 TPG (s)		U A
3062	COMP+CAN	3/8	10.0 TTG		U A						
4509	COMP+CAN	1/2	12.0 TTG		U A						



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SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
8861	COMP+CAN	5/32	4.0 TTG		U A	<b>Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin:</b>					
6418	COMP+CAN	3/16	5.0 TTG		U A	4021	COMP+CAN	5/32	4.0 TTG		U A
6419	COMP+CAN	1/4	6.0 TTG		U A	4022	COMP+CAN	3/16	5.0 TTG		U A
6420	COMP+CAN	5/16	8.0 TTG		U A	4023	COMP+CAN	1/4	6.0 TTG		U A
6421	COMP+CAN	3/8	10.0 TTG		U A	4024	COMP+CAN	5/16	8.0 TTG		U A
6422	COMP+CAN	1/2	12.0 TTG		U A	4025	COMP+CAN	3/8	10.0 TTG		U A
9776	COMP+CAN	*	15.0 TTG (3)		U A	4026	COMP+CAN	1/2	12.0 TTG		U A
9777	COMP+CAN	3/4	19.0 TTG		U A	4027	COMP+CAN	*	15.0 TTG (4)		U A
<b>TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu:</b>						4028	COMP+CAN	3/4	19.0 TTG		U A
7446	COMP+CAN	3/16	5.0 TTG (MC)		U A	<b>Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin:</b>					
7447	COMP+CAN	1/4	6.0 TTG (MC)		U A	5220	COMPOSITE	5/16	8.0 TTG (MC)		U A
7448	COMP+CAN	5/16	8.0 TTG (MC)		U A	5221	COMPOSITE	*	12.0 TTG (3)(MC)		U A
7449	COMP+CAN	3/8	10.0 TTG (MC)		U A	<b>Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin:</b>					
7450	COMP+CAN	1/2	12.0 TTG (MC)		U A	4075	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin:</b>						4076	COMP+CAN	1/4	6.0 TTG (MC)		U A
8473	COMP+CAN	1/4	6.0 TTG (MC)		U A	4077	COMP+CAN	5/16	8.0 TTG (MC)		U A
8474	COMP+CAN	5/16	8.0 TTG (MC)		U A	4078	COMP+CAN	3/8	10.0 TTG (MC)		U A
9080	COMP+CAN	3/8	10.0 TTG		U A	4079	COMP+CAN	*	12.0 TTG (3)(MC)		U A
<b>The Glass Factory, LLC ; Donna, Texas:</b>						4080	COMP+CAN	*	15.0 TTG (3)(MC)		U A
8889	COMPOSITE	1/4	6.0 TTG		U A	4081	COMP+CAN	3/4	19.0 TTG (MC)		U A
8890	COMPOSITE	3/8	10.0 TTG		U A	<b>Transparent Design S.R.L. ; Popesti-Leordeni, Romania:</b>					
8891	COMPOSITE	1/2	12.0 TTG		U A	9778	COMP+CAN	5/32	4.0 TTG		U A
<b>The Glass Guild Ltd. ; Calgary, Alberta:</b>						9779	COMP+CAN	1/4	6.0 TTG		U A
8631	COMP+CAN	5/32	4.0 TTG		U A	9780	COMP+CAN	5/16	8.0 TTG		U A
8632	COMP+CAN	3/16	5.0 TTG		U A	9781	COMP+CAN	3/8	10.0 TTG		U A
8633	COMP+CAN	1/4	6.0 TTG		U A	9782	COMP+CAN	*	12.0 TTG (3)		U A
8634	COMP+CAN	3/8	10.0 TTG		U A	9783	COMP+CAN	*	15.0 TTG (3)		U A
8635	COMP+CAN	1/2	12.0 TTG		U A	9784	COMP+CAN	3/4	19.0 TTG		U A
<b>Thermafix A.J. Inc. ; Baie St. Paul, Quebec:</b>						<b>Treaty City Industries Inc. ; Greenville OH:</b>					
8665	COMP+CAN	5/32	4.0 TPG (s)		U A	8373	COMP+CAN	1/8	3.0 TTG (MC)		U A
8326	COMP+CAN	1/8	3.0 TTG (MC)		U A	8374	COMP+CAN	5/32	4.0 TTG (IN)		U A
8327	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Triple Diamond Glass LLC (a PGT Innovations Company) ; Prince George, VA:</b>					
8328	COMP+CAN	3/16	5.0 TTG (MC)		U A	9763	COMPOSITE	1/8	3.0 TTG (MC)		U A
8329	COMP+CAN	1/4	6.0 TTG (MC)		U A	9764	COMPOSITE	3/16	5.0 TTG (MC)		U A
8330	COMP+CAN	3/8	10.0 TTG		U A	<b>Tristar Glass, Inc. ; Catoosa, OK:</b>					
<b>Thermal Seal Insulating Glass ; Uxbridge, MA:</b>						7590	COMPOSITE	5/32	4.0 TPG (s)		U A
5730	COMPOSITE	1/8	3.0 TPG (s)		U A	4011	COMPOSITE	3/16	5.0 TPG (m)		U A
5731	COMPOSITE	1/8	3.0 TTG (MC)		U A	4004	COMPOSITE	1/8	3.0 TTG (MC)		U A
5732	COMPOSITE	5/32	4.0 TTG (MC)		U A	4005	COMPOSITE	5/32	4.0 TTG (MC)		U A
5733	COMPOSITE	3/16	5.0 TTG (MC)		U A	4006	COMPOSITE	3/16	5.0 TTG (MC)		U A
5734	COMPOSITE	1/4	6.0 TTG (MC)		U A	4007	COMPOSITE	1/4	6.0 TTG (MC)		U A
5735	COMPOSITE	3/8	10.0 TTG		U A	7072	COMPOSITE	5/16	8.0 TTG (MC)		U A
5736	COMPOSITE	1/2	12.0 TTG		U A	4008	COMPOSITE	3/8	10.0 TTG (MC)		U A
<b>Thermo BSL ; Riviere-du-loup, Quebec:</b>						4009	COMPOSITE	1/2	12.0 TTG (MC)		U A
4290	COMP+CAN	1/8	3.0 TTG (MC)		U A	<b>Tristar Glass, Inc. ; Grand Prairie, TX:</b>					
4291	COMP+CAN	5/32	4.0 TTG (MC)		U A	9147	COMPOSITE	1/4	6.0 TTG (MC)		U A
4292	COMP+CAN	3/16	5.0 TTG (MC)		U A	9219	COMP+CAN	5/16	8.0 TTG		U A
4293	COMP+CAN	1/4	6.0 TTG (MC)		U A	9220	COMP+CAN	3/8	10.0 TTG		U A
<b>Therval ; Hermosillo, Sonora:</b>						9715	COMP+CAN	1/2	12.0 TTG		U A
9788	COMPOSITE	3/16	5.0 TTG		U A	<b>Tristar Glass, Inc. ; Houston, TX:</b>					
9787	COMPOSITE	1/4	6.0 TTG (MC)		U A	5762	COMPOSITE	1/4	6.0 TTG (MC)		U A
9789	COMPOSITE	3/8	10.0 TTG		U A	7080	COMPOSITE	5/16	8.0 TTG		U A
9790	COMPOSITE	*	12.0 TTG (3)		U A	<b>Triton Glass LLC ; Albemarle, NC:</b>					
<b>Thompson I.G. LLC. ; Fenton, MI:</b>						5690	COMPOSITE	1/8	3.0 TTG (MC)		U A
5303	COMP+CAN	1/8	3.0 TTG (MC)		U A	5691	COMPOSITE	3/16	5.0 TTG (MC)		U A
8762	COMP+CAN	5/32	4.0 TTG		U A	5692	COMPOSITE	1/4	6.0 TTG (MC)		U A
5304	COMP+CAN	3/16	5.0 TTG (MC)		U A	5693	COMPOSITE	3/8	10.0 TTG		U A
5305	COMP+CAN	1/4	6.0 TTG (MC)		U A	5694	COMPOSITE	1/2	12.0 TTG		U A
8763	COMP+CAN	5/16	8.0 TTG		U A						
5298	COMP+CAN	3/8	10.0 TTG		U A						
5299	COMP+CAN	1/2	12.0 TTG		U A						

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<b>Trulite Glass &amp; Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec:</b>						5400	COMPOSITE	3/8	10.0 TTG		U A
9819	COMP+CAN	3/8	10.0 TPG (m)		U A	5401	COMPOSITE	1/2	12.0 TTG		U A
6061	COMP+CAN	3/16	5.0 TTG		U A	6389	COMPOSITE	5/8	16.0 TTG		U A
6062	COMP+CAN	1/4	6.0 TTG		U A	6388	COMPOSITE	3/4	19.0 TTG		U A
6063	COMP+CAN	5/16	8.0 TTG		U A	<b>Trulite Glass and Aluminum Solutions ; Grenada, MS:</b>					
6064	COMP+CAN	3/8	10.0 TTG		U A	2787	COMPOSITE	1/8	3.0 TTG (MC)		U A
6065	COMP+CAN	1/2	12.0 TTG		U A	2788	COMPOSITE	3/16	5.0 TTG		U A
6066	COMP+CAN	5/8	16.0 TTG		U A	2789	COMPOSITE	1/4	6.0 TTG		U A
6067	COMP+CAN	3/4	19.0 TTG		U A	2840	COMPOSITE	3/8	10.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Aurora, CO:</b>						<b>Trulite Glass and Aluminum Solutions ; Houston, TX:</b>					
5349	COMPOSITE	3/16	5.0 TPG (m)		U A	5433	COMP+CAN	1/8	3.0 TPG (s)		U A
5350	COMPOSITE	3/8	10.0 TPG (s)		U A	3931	COMP+CAN	3/16	5.0 TPG (m)		U A
5341	COMPOSITE	1/8	3.0 TTG		U A	5432	COMP+CAN	1/8	3.0 TTG (MC)		U A
5348	COMPOSITE	5/32	4.0 TTG		U A	7018	COMP+CAN	5/32	4.0 TTG		U A
6613	COMPOSITE	3/16	5.0 TTG (MC)		U A	3925	COMP+CAN	3/16	5.0 TTG (MC)		U A
5343	COMPOSITE	1/4	6.0 TTG (MC)		U A	5483	COMP+CAN	1/4	6.0 TTG (MC)		U A
5344	COMPOSITE	3/8	10.0 TTG		U A	3927	COMP+CAN	3/8	10.0 TTG		U A
5345	COMPOSITE	1/2	12.0 TTG		U A	3928	COMP+CAN	1/2	12.0 TTG		U A
5346	COMPOSITE	3/4	19.0 TTG		U A	5477	COMP+CAN	5/8	16.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Bradenton, FL:</b>						7828	COMP+CAN	3/4	19.0 TTG		U A
6189	COMPOSITE	3/16	5.0 TPG (s)		U A	<b>Trulite Glass and Aluminum Solutions ; Indianapolis, IN:</b>					
6190	COMPOSITE	3/8	10.0 TPG (s)		U A	4750	COMPOSITE	3/16	5.0 TPG (s)		U A
5860	COMPOSITE	3/16	5.0 TTG		U A	4922	COMPOSITE	3/16	5.0 TTG (MC)		U A
4225	COMPOSITE	1/4	6.0 TTG		U A	4923	COMPOSITE	1/4	6.0 TTG (MC)		U A
4226	COMPOSITE	3/8	10.0 TTG		U A	4754	COMPOSITE	3/8	10.0 TTG		U A
4227	COMPOSITE	1/2	12.0 TTG		U A	4753	COMPOSITE	1/2	12.0 TTG		U A
7998	COMPOSITE	5/8	16.0 TTG		U A	7086	COMPOSITE	5/8	16.0 TTG		U A
7999	COMPOSITE	3/4	19.0 TTG		U A	8798	COMP+CAN	3/4	19.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Cheswick, PA:</b>						<b>Trulite Glass and Aluminum Solutions ; Knoxville, TN:</b>					
1790	COMPOSITE	3/16	5.0 TPG (s)		U A	4207	COMPOSITE	1/8	3.0 TPG (m)		U A
4453	COMPOSITE	3/8	10.0 TPG (s)		U A	4160	COMPOSITE	3/16	5.0 TPG (m)		U A
1785	COMPOSITE	3/16	5.0 TTG		U A	5134	COMPOSITE	3/8	10.0 TPG (s)		U A
1786	COMPOSITE	1/4	6.0 TTG (MC)		U A	4209	COMPOSITE	1/8	3.0 TTG		U A
8576	COMPOSITE	5/16	8.0 TTG		U A	4827	COMPOSITE	5/32	4.0 TTG		U A
1787	COMPOSITE	3/8	10.0 TTG		U A	4152	COMPOSITE	3/16	5.0 TTG (MC)		U A
1788	COMPOSITE	1/2	12.0 TTG		U A	4153	COMPOSITE	1/4	6.0 TTG (MC)		U A
4134	COMPOSITE	5/8	16.0 TTG		U A	4158	COMPOSITE	3/8	10.0 TTG		U A
4135	COMPOSITE	3/4	19.0 TTG		U A	4159	COMPOSITE	1/2	12.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; City of Industry, CA:</b>						<b>Trulite Glass and Aluminum Solutions ; Las Vegas, NV:</b>					
4184	COMPOSITE	3/16	5.0 TTG (MC)		U A	4217	COMPOSITE	1/8	3.0 TPG (s)		U A
4185	COMPOSITE	1/4	6.0 TTG (MC)		U A	4219	COMPOSITE	3/16	5.0 TPG (m)		U A
4186	COMPOSITE	3/8	10.0 TTG		U A	4220	COMPOSITE	1/4	6.0 TPG (s)		U A
4187	COMPOSITE	1/2	12.0 TTG		U A	4221	COMPOSITE	3/8	10.0 TPG (s)		U A
4522	COMPOSITE	5/8	16.0 TTG		U A	4210	COMPOSITE	1/8	3.0 TTG (MC)		U A
4371	COMPOSITE	3/4	19.0 TTG		U A	4212	COMPOSITE	3/16	5.0 TTG (MC)		U A
<b>Trulite Glass and Aluminum Solutions ; Columbus, OH:</b>						4213	COMPOSITE	1/4	6.0 TTG (MC)		U A
6165	COMPOSITE	1/8	3.0 TPG (m)		U A	4214	COMPOSITE	3/8	10.0 TTG		U A
6166	COMPOSITE	5/32	4.0 TPG (d)		U A	4215	COMPOSITE	1/2	12.0 TTG		U A
6167	COMPOSITE	3/16	5.0 TPG (m)		U A	<b>Trulite Glass and Aluminum Solutions ; Lithia Springs, GA:</b>					
6168	COMPOSITE	1/4	6.0 TPG (m)		U A	6113	COMP+CAN	3/16	5.0 TPG (m)		U A
6169	COMPOSITE	3/8	10.0 TPG (s)		U A	6114	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
4745	COMPOSITE	1/8	3.0 TTG		U A	IN					
8362	COMPOSITE	5/32	4.0 TTG		U A	6115	COMP+CAN	3/8	10.0 TPG (s)		U A
4746	COMPOSITE	3/16	5.0 TTG		U A	6102	COMP+CAN	3/16	5.0 TTG		U A
4747	COMPOSITE	1/4	6.0 TTG		U A	6103	COMP+CAN	1/4	6.0 TTG (MC)		U A
8191	COMPOSITE	5/16	8.0 TTG		U A	6104	COMP+CAN	3/8	10.0 TTG		U A
6159	COMPOSITE	3/8	10.0 TTG		U A	6105	COMP+CAN	1/2	12.0 TTG		U A
4748	COMPOSITE	1/2	12.0 TTG		U A	6106	COMP+CAN	5/8	16.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Fort Worth, TX:</b>						6107	COMP+CAN	3/4	19.0 TTG		U A
5404	COMPOSITE	3/16	5.0 TPG (m)		U A	<b>Trulite Glass and Aluminum Solutions ; New Berlin, WI:</b>					
5405	COMPOSITE	3/8	10.0 TPG (m)		U A	5876	COMPOSITE	1/8	3.0 TTG		U A
5397	COMPOSITE	5/32	4.0 TTG		U A	5318	COMPOSITE	3/16	5.0 TTG (MC)		U A
5398	COMPOSITE	3/16	5.0 TTG (MC)		U A	5877	COMPOSITE	1/4	6.0 TTG (MC)		U A
5399	COMPOSITE	1/4	6.0 TTG (MC)		U A	5320	COMPOSITE	5/16	8.0 TTG		U A
						5321	COMPOSITE	3/8	10.0 TTG		U A

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
5322	COMPOSITE	1/2	12.0 TTG		U A	<b>Tweddells Inc. ; Santa Ana, CA:</b>					
5896	COMPOSITE	5/8	16.0 TTG		U A	5384	COMP+CAN	1/8	3.0 TTG		U A
5897	COMPOSITE	3/4	19.0 TTG		U A	4993	COMP+CAN	3/16	5.0 TTG (MC)		U A
<b>Trulite Glass and Aluminum Solutions ; Orlando, FL:</b>						5385	COMP+CAN	1/4	6.0 TTG		U A
5189	COMPOSITE	1/8	3.0 TPG (s)		U A	5386	COMP+CAN	3/8	10.0 TTG		U A
5190	COMPOSITE	3/16	5.0 TPG (m)		U A	<b>U.S. Glass Distributors Inc. ; Enfield, CT:</b>					
5191	COMPOSITE	1/4	6.0 TPG (m)		U A	5917	COMP+CAN	5/32	4.0 TPG (d)		U A
5192	COMPOSITE	3/8	10.0 TPG (s)		U A	5918	COMP+CAN	3/16	5.0 TPG (m)		U A
5183	COMPOSITE	1/8	3.0 TTG (MC)		U A	5920	COMP+CAN	3/8	10.0 TPG (s)		U A
5185	COMPOSITE	3/16	5.0 TTG (MC)		U A	5921	COMP+CAN	1/8	3.0 TTG (MC)		U A
5184	COMPOSITE	1/4	6.0 TTG (MC)		U A	5922	COMP+CAN	3/16	5.0 TTG (MC)		U A
5186	COMPOSITE	3/8	10.0 TTG		U A	5923	COMP+CAN	1/4	6.0 TTG (MC)		U A
5187	COMPOSITE	1/2	12.0 TTG		U A	5924	COMP+CAN	5/16	8.0 TTG		U A
5680	COMPOSITE	5/8	16.0 TTG		U A	5925	COMP+CAN	3/8	10.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Phoenix, AZ:</b>						5926	COMP+CAN	1/2	12.0 TTG		U A
7878	COMPOSITE	5/32	4.0 TPG (d)		U A	5927	COMP+CAN	5/8	16.0 TTG		U A
5706	COMPOSITE	3/16	5.0 TPG (m)		U A	6157	COMP+CAN	3/4	19.0 TTG		U A
6759	COMPOSITE	1/4	6.0 TPG (s)		U A	<b>Uniglass ; Riyadh, Saudi Arabia:</b>					
5747	COMPOSITE	3/8	10.0 TPG (s)		U A	8404	COMP+CAN	1/4	6.0 TTG		U A
5701	COMPOSITE	5/32	4.0 TTG		U A	7030	COMPOSITE	5/16	8.0 TTG		U A
5702	COMPOSITE	3/16	5.0 TTG (MC)		U A	7031	COMPOSITE	3/8	10.0 TTG		U A
5746	COMPOSITE	1/4	6.0 TTG (MC)		U A	7032	COMPOSITE	*	12.0 TTG (7)		U A
5703	COMPOSITE	3/8	10.0 TTG		U A	<b>United Plate Glass Co., Inc. ; Butler, PA:</b>					
5704	COMPOSITE	1/2	12.0 TTG		U A	6375	COMP+CAN	5/32	4.0 TPG (m)		U A
<b>Trulite Glass and Aluminum Solutions ; Salt Lake City, UT:</b>						2467	COMP+CAN	1/8	3.0 TTG (MC)		U A
6006	COMPOSITE	3/16	5.0 TPG (m)		U A	2468	COMP+CAN	3/16	5.0 TTG (MC)		U A
6007	COMPOSITE	1/4	6.0 TPG (m)		U A	9241	COMP+CAN	1/4	6.0 TTG		U A
6008	COMPOSITE	3/8	10.0 TPG (s)		U A	9227	COMP+CAN	3/8	10.0 TTG		U A
6447	COMPOSITE	1/8	3.0 TTG (MC)		U A	2471	COMP+CAN	1/2	12.0 TTG		U A
5337	COMPOSITE	3/16	5.0 TTG (MC)		U A	<b>United Plate Glass Company of Charlotte ; Lincolnton, NC:</b>					
5338	COMPOSITE	1/4	6.0 TTG (MC)		U A	3954	COMP+CAN	1/8	3.0 TPG (s)		U A
5339	COMPOSITE	3/8	10.0 TTG		U A	4636	COMPOSITE	5/32	4.0 TPG (m)		U A
5340	COMPOSITE	1/2	12.0 TTG		U A	3955	COMP+CAN	3/16	5.0 TPG (s)		U A
7580	COMPOSITE	5/8	16.0 TTG		U A	3948	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Trulite Glass and Aluminum Solutions ; Tulsa, OK:</b>						4197	COMPOSITE	5/32	4.0 TTG		U A
5688	COMPOSITE	1/8	3.0 TPG (s)		U A	3949	COMP+CAN	3/16	5.0 TTG (MC)		U A
5448	COMPOSITE	5/32	4.0 TPG (d)		U A	3950	COMP+CAN	1/4	6.0 TTG (MC)		U A
5449	COMPOSITE	3/16	5.0 TPG (m)		U A	3951	COMP+CAN	3/8	10.0 TTG		U A
5451	COMPOSITE	3/8	10.0 TPG (s)		U A	3952	COMP+CAN	1/2	12.0 TTG		U A
5687	COMPOSITE	1/8	3.0 TTG (MC)		U A	<b>United Plate Glass of Maryland LLC ; Frederick, MD:</b>					
5443	COMPOSITE	5/32	4.0 TTG (MC)		U A	7889	COMP+CAN	3/16	5.0 TTG		U A
5444	COMPOSITE	3/16	5.0 TTG (MC)		U A	7890	COMP+CAN	1/4	6.0 TTG		U A
5445	COMPOSITE	1/4	6.0 TTG (MC)		U A	7891	COMP+CAN	3/8	10.0 TTG		U A
5446	COMPOSITE	3/8	10.0 TTG		U A	7892	COMP+CAN	1/2	12.0 TTG		U A
5447	COMPOSITE	1/2	12.0 TTG		U A	9183	COMP+CAN	5/8	16.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario:</b>						9184	COMP+CAN	3/4	19.0 TTG		U A
5507	COMP+CAN	5/32	4.0 TTG (MC)		U A	<b>Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:</b>					
5508	COMP+CAN	3/16	5.0 TTG (MC)		U A	5462	COMP+CAN	1/8	3.0 TTG		U A
5509	COMP+CAN	1/4	6.0 TTG (MC)		U A	5463	COMP+CAN	5/32	4.0 TTG		U A
5510	COMP+CAN	5/16	8.0 TTG (MC)		U A	5407	COMP+CAN	3/16	5.0 TTG		U A
5511	COMP+CAN	3/8	10.0 TTG (MC)		U A	5408	COMP+CAN	1/4	6.0 TTG		U A
5782	COMP+CAN	1/2	12.0 TTG (MC)		U A	6519	COMP+CAN	5/16	8.0 TTG		U A
<b>Trulite Glass and Aluminum Solutions ; Youngsville, NC:</b>						5414	COMP+CAN	3/8	10.0 TTG		U A
5279	COMPOSITE	3/16	5.0 TPG (m)		U A	6520	COMP+CAN	1/2	12.0 TTG		U A
8961	COMPOSITE	3/8	10.0 TPG (s)		U A	<b>Upstate Glass Tempering Inc. ; Middletown, NY:</b>					
9228	COMP+CAN	1/8	3.0 TTG		U A	5157	COMPOSITE	1/4	6.0 TTG		U A
5517	COMPOSITE	5/32	4.0 TTG		U A	4927	COMPOSITE	3/8	10.0 TTG		U A
5273	COMPOSITE	3/16	5.0 TTG (MC)		U A	5158	COMPOSITE	1/2	12.0 TTG		U A
5274	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>US Glass Depot LLC ; Plainview, NY:</b>					
5518	COMPOSITE	5/16	8.0 TTG		U A	9153	COMP+CAN	3/16	5.0 TTG (MC)		U A
5275	COMPOSITE	3/8	10.0 TTG		U A	9154	COMP+CAN	1/4	6.0 TTG (MC)		U A
5276	COMPOSITE	1/2	12.0 TTG		U A	9155	COMP+CAN	3/8	10.0 TTG		U A
6009	COMPOSITE	5/8	16.0 TTG		U A	9156	COMP+CAN	1/2	12.0 TTG		U A
5277	COMPOSITE	3/4	19.0 TTG		U A						

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
<b>US Glass Tempering Inc. ; San Leandro, CA:</b>						<b>Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon:</b>					
7996	COMPOSITE	3/8	10.0 TPG (s)		U A	4966	COMP+CAN	1/4	6.0 TTG		U A
7156	COMPOSITE	1/8	3.0 TTG		U A	4967	COMP+CAN	3/8	10.0 TTG		U A
7159	COMPOSITE	3/16	5.0 TTG		U A	<b>Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon:</b>					
7157	COMPOSITE	1/4	6.0 TTG		U A	5840	COMP+CAN	1/4	6.0 TTG (MC)		U A
7160	COMPOSITE	3/8	10.0 TTG		U A	5781	COMP+CAN	3/8	10.0 TTG		U A
7161	COMPOSITE	1/2	12.0 TTG		U A	<b>Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon:</b>					
<b>US Tempering LLC ; Maspeth, NY:</b>						7735	COMP+CAN	1/8	3.0 TTG (MC)		U A
4900	COMP+CAN	3/16	5.0 TTG (MC)		U A	8381	COMP+CAN	5/32	4.0 TTG		U A
4901	COMP+CAN	1/4	6.0 TTG (MC)		U A	8382	COMP+CAN	3/16	5.0 TTG		U A
4902	COMP+CAN	3/8	10.0 TTG		U A	8383	COMP+CAN	1/4	6.0 TTG (MC)		U A
4903	COMP+CAN	1/2	12.0 TTG		U A	<b>View Inc. ; Olive Branch, MS:</b>					
<b>VA Glass, LLC. ; Ridgeway, VA:</b>						7961	COMP+CAN	3/16	5.0 TTG		U A
12 IN	COMPOSITE	3/16	5.0 TTG (IN)		U A	4728	COMP+CAN	1/4	6.0 TTG (MC)		U A
14	COMPOSITE	1/4	6.0 TTG		U A	7107	COMP+CAN	5/16	8.0 TTG (MC)		U A
8116	COMPOSITE	5/16	8.0 TTG		U A	7108	COMP+CAN	3/8	10.0 TTG (MC)		U A
93	COMPOSITE	3/8	10.0 TTG		U A	<b>Viewrail ; Goshen, IN Eisenhower Dr. North:</b>					
94	COMPOSITE	1/2	12.0 TTG		U A	9676	COMP+CAN	3/8	10.0 TTG		U A
2182	COMPOSITE	5/8	16.0 TTG		U A	9769	COMP+CAN	1/2	12.0 TTG		U A
95	COMPOSITE	3/4	19.0 TTG		U A	<b>Viracon Inc. ; Owatonna, MN:</b>					
<b>Valentini Glass &amp; Components srl ; Calcinato, Province of Brescia:</b>						4354	COMP+CAN	5/32	4.0 TTG		U A
4246	COMPOSITE	5/32	4.0 TBG (MC)		U A	1403	COMP+CAN	3/16	5.0 TTG (MC)		U A
7826	COMPOSITE	3/16	5.0 TBG (MC)		U A	1404	COMP+CAN	1/4	6.0 TTG (MC)		U A
2898	COMPOSITE	1/4	6.0 TBG (MC)		U A	3689	COMP+CAN	5/16	8.0 TTG		U A
2423	COMPOSITE	5/32	4.0 TTG (MC)		U A	1508	COMP+CAN	3/8	10.0 TTG (MC)		U A
7825	COMPOSITE	3/16	5.0 TTG (MC)		U A	1509	COMP+CAN	1/2	12.0 TTG		U A
6816	COMPOSITE	*	12.0 TTG (3)		U A	<b>Vision En Cristal Y Aluminio SA DE CV ; Santa Catarina, Nuevo Leon:</b>					
<b>Vandaglas Eckelt GmbH ; Steyr, Austria:</b>						8692	COMP+CAN	5/32	4.0 TTG (MC)		U A
2850	COMPOSITE	1/4	6.0 TTG		U A	8693	COMP+CAN	1/4	6.0 TTG (MC)		U A
2851	COMPOSITE	5/16	8.0 TTG		U A	8694	COMP+CAN	3/8	10.0 TTG		U A
2852	COMPOSITE	3/8	10.0 TTG		U A	<b>Vista Glass Corporation ; Vaughan, Ontario:</b>					
2853	COMPOSITE	*	12.0 TTG (4)		U A	8444	COMP+CAN	3/16	5.0 TTG		U A
2854	COMPOSITE	*	15.0 TTG (4)(IN)		U A	8445	COMP+CAN	1/4	6.0 TTG (MC)		U A
IN						8446	COMP+CAN	5/16	8.0 TTG		U A
2855	COMPOSITE	3/4	19.0 TTG (IN)		U A	8447	COMP+CAN	3/8	10.0 TTG		U A
IN						8448	COMP+CAN	1/2	12.0 TTG		U A
<b>Verre Select Inc. ; Terrebonne, Quebec:</b>						9792	COMP+CAN	5/8	16.0 TTG		U A
9277	COMP+CAN	1/8	3.0 TPG (s)		U A	<b>Vistamatic, LLC ; Coral Springs, FL:</b>					
9282	COMP+CAN	1/8	3.0 TTG (MC)		U A	6535	COMPOSITE	5/32	4.0 TTG		U A
9281	COMP+CAN	3/16	5.0 TTG (MC)		U A	6536	COMPOSITE	3/16	5.0 TTG		U A
9280	COMP+CAN	(*)	6.0 TTG (3)		U A	6537	COMPOSITE	1/4	6.0 TTG		U A
9279	COMP+CAN	3/8	10.0 TTG		U A	6538	COMPOSITE	3/8	10.0 TTG		U A
9278	COMP+CAN	1/2	12.0 TTG		U A	6539	COMPOSITE	1/2	12.0 TTG		U A
<b>Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza:</b>						<b>Vitelsa Mosquera ; Bogota, Cundinamarca:</b>					
8105	COMPOSITE	1/4	6.0 TTG		U A	7719	COMPOSITE	3/8	10.0 TTG		U A
7855	COMPOSITE	5/16	8.0 TTG		U A	7401	COMPOSITE	1/2	12.0 TTG		U A
7856	COMPOSITE	3/8	10.0 TTG		U A	<b>Vitalum Glass Solutions Inc. ; Altamonte Springs, FL:</b>					
7857	COMPOSITE	1/2	12.0 TTG		U A	7853	COMPOSITE	3/8	10.0 TTG		U A
<b>Vetriko S.A. ; Duran, Guayas:</b>						8107	COMPOSITE	1/2	12.0 TTG		U A
8769	COMPOSITE	1/4	6.0 TTG		U A	<b>Vitre-Art C.A.B. (1988) Inc. ; Montreal Nord, Quebec:</b>					
8770	COMPOSITE	5/16	8.0 TTG		U A	9065	COMP+CAN	1/8	3.0 TTG		U A
8771	COMPOSITE	3/8	10.0 TTG		U A	9066	COMP+CAN	5/32	4.0 TTG		U A
<b>Vetrodomus SpA ; Brescia, Province of Brescia:</b>						9067	COMP+CAN	3/16	5.0 TTG		U A
7492	COMPOSITE	1/4	6.0 TTG (MC)		U A	<b>Vitro Architectural Glass ; Barrie, Ontario:</b>					
7493	COMPOSITE	5/16	8.0 TTG (MC)		U A	7083	COMP+CAN	5/32	4.0 TPG (m)		U A
7494	COMPOSITE	3/8	10.0 TTG (MC)		U A	5207	COMP+CAN	1/8	3.0 TTG (MC)		U A
<b>Vidplex Universal S.A.S ; Bogota, Bogota DC:</b>						5204	COMP+CAN	5/32	4.0 TTG (MC)		U A
8994	COMP+CAN	3/16	5.0 TTG (MC)		U A	5205	COMP+CAN	3/16	5.0 TTG (MC)		U A
8995	COMP+CAN	1/4	6.0 TTG (MC)		U A	5206	COMP+CAN	1/4	6.0 TTG		U A
8996	COMP+CAN	3/8	10.0 TTG		U A						

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<b>Vitro Flat Glass, LLC ; Wichita Falls, TX:</b>						8690	COMP+CAN	3/16	5.0 TTG (MC)		U A
1110	COMP+CAN	1/8	3.0 TTG		U A	8691	COMP+CAN	1/4	6.0 TTG (MC)		U A
1111	COMP+CAN	5/32	4.0 TTG		U A	9670	COMP+CAN	3/8	10.0 TTG (MC)		U A
1112	COMP+CAN	3/16	5.0 TTG		U A	9671	COMP+CAN	1/2	12.0 TTG (MC)		U A
1113	COMP+CAN	1/4	6.0 TTG		U A	<b>Wexford Viking Glass Limited ; Wexford, Leinster:</b>					
3577	COMP+CAN	5/16	8.0 TTG		U A	8287	COMP+CAN	1/4	6.0 TTG		U A
3578	COMP+CAN	3/8	10.0 TTG		U A	<b>Whalley Glass Co ; Derby, CT:</b>					
<b>Vitrum Industries Ltd. ; Langley, British Columbia:</b>						8808	COMPOSITE	1/8	3.0 TTG		U A
7720	COMP+CAN	1/8	3.0 TPG (s)		U A	6227	COMPOSITE	3/16	5.0 TTG		U A
7721	COMP+CAN	5/32	4.0 TPG (m)		U A	6228	COMPOSITE	1/4	6.0 TTG		U A
7722	COMP+CAN	3/16	5.0 TPG (m)		U A		COMPOSITE	3/8	10.0 TTG		U A
7790	COMP+CAN	1/4	6.0 TPG (m)		U A	<b>White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates:</b>					
7723	COMP+CAN	1/8	3.0 TTG (MC)		U A	7085	COMP+CAN	5/32	4.0 TTG MC		U A
7118	COMP+CAN	5/32	4.0 TTG (MC)		U A	4598	COMP+CAN	1/4	6.0 TTG (MC)		U A
7119	COMP+CAN	3/16	5.0 TTG (MC)		U A	4597	COMP+CAN	5/16	8.0 TTG (MC)		U A
7117	COMP+CAN	1/4	6.0 TTG (MC)		U A	7477	COMP+CAN	3/8	10.0 TTG (MC)		U A
7120	COMP+CAN	5/16	8.0 TTG (MC)		U A	<b>Wholesale Glass Dist. ; Memphis, TN:</b>					
8291	COMP+CAN	3/8	10.0 TTG (MC)		U A	7703	COMPOSITE	1/8	3.0 TTG (MC)		U A
7122	COMP+CAN	1/2	12.0 TTG		U A	4379	COMPOSITE	3/16	5.0 TTG		U A
8292	COMP+CAN	5/8	16.0 TTG		U A	4380	COMPOSITE	1/4	6.0 TTG		U A
7381	COMP+CAN	3/4	19.0 TTG		U A	4381	COMPOSITE	3/8	10.0 TTG		U A
<b>Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:</b>						4382	COMPOSITE	1/2	12.0 TTG		U A
9134	COMP+CAN	3/16	5.0 TPG (m)		U A	<b>WHTB Glass, LLC ; Shirley, NY:</b>					
9135	COMP+CAN	1/4	6.0 TPG (m)		U A	7741	COMP+CAN	3/16	5.0 TTG (MC)		U A
7530	COMP+CAN	5/32	4.0 TTG (MC)		U A	7742	COMP+CAN	1/4	6.0 TTG (MC)		U A
7531	COMP+CAN	3/16	5.0 TTG (MC)		U A	7743	COMP+CAN	5/16	8.0 TTG		U A
7532	COMP+CAN	1/4	6.0 TTG		U A	7744	COMP+CAN	3/8	10.0 TTG		U A
7533	COMP+CAN	5/16	8.0 TTG		U A	7745	COMP+CAN	1/2	12.0 TTG		U A
7534	COMP+CAN	3/8	10.0 TTG		U A	<b>Window Creations, LLC ; Fort Jennings, OH:</b>					
7535	COMP+CAN	1/2	12.0 TTG		U A	8127	COMP+CAN	3/16	5.0 TTG		U A
<b>Viwinco, Inc. ; Morgantown, PA:</b>						8128	COMP+CAN	1/4	6.0 TTG		U A
6803	COMPOSITE	1/8	3.0 TPG (s)		U A	8129	COMP+CAN	3/8	10.0 TTG		U A
3074	COMPOSITE	1/8	3.0 TTG (MC)		U A	8130	COMP+CAN	1/2	12.0 TTG (IN)		U A
3405	COMPOSITE	3/16	5.0 TTG (MC)		U A	IN					
<b>W. A. Wilson Inc. ; Wheeling, WV:</b>						<b>WinTech ; Monett, MO:</b>					
5173	COMPOSITE	1/8	3.0 TPG (d)		U A	6433	COMP+CAN	1/8	3.0 TTG (MC)		U A
4169	COMPOSITE	1/8	3.0 TTG		U A	6434	COMP+CAN	1/4	6.0 TTG (MC)		U A
4170	COMPOSITE	3/16	5.0 TTG		U A	<b>Wisconsin Shower Door &amp; Supply Corp ; Menomonee Falls, WI:</b>					
4171	COMPOSITE	1/4	6.0 TTG (MC)		U A	5592	COMPOSITE	1/8	3.0 TPG (s)		U A
4172	COMPOSITE	3/8	10.0 TTG		U A	5594	COMPOSITE	3/16	5.0 TPG (s)		U A
4173	COMPOSITE	1/2	12.0 TTG		U A	5595	COMPOSITE	1/4	6.0 TPG (m)		U A
<b>W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA:</b>						5596	COMPOSITE	3/8	10.0 TPG (m)		U A
6088	COMP+CAN	1/8	3.0 TPG (s)		U A	5597	COMPOSITE	1/2	12.0 TPG (m)		U A
6089	COMP+CAN	5/32	4.0 TPG (m)		U A	5585	COMPOSITE	1/8	3.0 TTG (MC)		U A
6090	COMP+CAN	3/16	5.0 TPG (d)		U A	5587	COMPOSITE	3/16	5.0 TTG (MC)		U A
6084	COMP+CAN	1/8	3.0 TTG (MC)		U A	5588	COMPOSITE	1/4	6.0 TTG		U A
6085	COMP+CAN	5/32	4.0 TTG (MC)		U A	5589	COMPOSITE	3/8	10.0 TTG		U A
6086	COMP+CAN	3/16	5.0 TTG (MC)		U A	5590	COMPOSITE	1/2	12.0 TTG		U A
6087	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>W-M Glass sp. zo.o. ; Bartoszyce, Poland:</b>					
8181	COMP+CAN	5/16	8.0 TTG (MC)		U A	9745	COMP+CAN	1/4	6.0 TTG		U A
7075	COMP+CAN	3/8	10.0 TTG (MC)		U A	9746	COMP+CAN	5/16	8.0 TTG		U A
7076	COMP+CAN	1/2	12.0 TTG		U A	<b>Wolverine Glass Products, Inc. ; Wyoming, MI:</b>					
<b>Washington Glass Fabrication LLC. ; Manassas, VA:</b>						7986	COMP+CAN	1/8	3.0 TPG (m)		U A
8536	COMPOSITE	1/4	6.0 TTG		U A	7987	COMP+CAN	5/32	4.0 TPG (d)		U A
8537	COMPOSITE	3/8	10.0 TTG		U A	8036	COMP+CAN	1/8	3.0 TTG (MC)		U A
8538	COMPOSITE	1/2	12.0 TTG		U A	7981	COMP+CAN	5/32	4.0 TTG		U A
9284	COMPOSITE	5/8	16.0 TTG		U A	7982	COMP+CAN	3/16	5.0 TTG		U A
9285	COMPOSITE	3/4	19.0 TTG		U A	8037	COMP+CAN	1/4	6.0 TTG (MC)		U A
<b>Werkman (Shandong) Vacuum Glass Technology Co., Ltd. ; Jinan, Shandong Province:</b>						7983	COMP+CAN	5/16	8.0 TTG		U A
9229	COMPOSITE	3/8	10.0 VIGT (MC)		U A	7984	COMP+CAN	3/8	10.0 TTG		U A
<b>West Seal Ltd.(AWG Northern Dist.) ; Prince George, British Columbia:</b>						7985	COMP+CAN	1/2	12.0 TTG		U A
8689	COMP+CAN	5/32	4.0 TTG (MC)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
<b>Woodbridge Glass Distribution Inc. ; Concord, Ontario:</b>						3055	COMP+CAN	*	12.0 TTG (4)(MC)		U A
7903	COMP+CAN	5/32	4.0 TPG (m)		U A	4179	COMP+CAN	*	15.0 TTG (4)(MC)		U A
7904	COMP+CAN	3/16	5.0 TPG (s)		U A	<b>Xuancheng Mingyang Glass Technology Co., Ltd. ; Xuancheng, Anhui:</b>					
7905	COMP+CAN	3/8	10.0 TPG (s)		U A	9953	COMP+CAN	1/4	6.0 TBG		U A
7896	COMP+CAN	1/8	3.0 TTG (MC)		U A	9954	COMP+CAN	5/32	4.0 TPG (s)		U A
7897	COMP+CAN	5/32	4.0 TTG (MC)		U A	9955	COMP+CAN	3/16	5.0 TPG (s)		U A
7898	COMP+CAN	3/16	5.0 TTG (MC)		U A	9956	COMP+CAN	1/4	6.0 TPG (s)		U A
7899	COMP+CAN	1/4	6.0 TTG (MC)		U A	9947	COMP+CAN	1/8	3.0 TTG		U A
7900	COMP+CAN	5/16	8.0 TTG		U A	9948	COMP+CAN	5/32	4.0 TTG		U A
7901	COMP+CAN	3/8	10.0 TTG (MC)		U A	9949	COMP+CAN	3/16	5.0 TTG		U A
7902	COMP+CAN	1/2	12.0 TTG		U A	9950	COMP+CAN	1/4	6.0 TTG		U A
<b>Woon-Tech Inc. ; Whitinsville, MA:</b>						9951	COMP+CAN	5/16	8.0 TTG		U A
6364	COMP+CAN	1/8	3.0 TTG		U A	9952	COMP+CAN	3/8	10.0 TTG		U A
6365	COMP+CAN	5/32	4.0 TTG		U A	<b>Yakut Cam A.S ; Sancaktepe, Istanbul:</b>					
6366	COMP+CAN	3/16	5.0 TTG		U A	7957	COMP+CAN	1/4	6.0 TTG		U A
6367	COMP+CAN	1/4	6.0 TTG		U A	7958	COMP+CAN	5/16	8.0 TTG		U A
6368	COMP+CAN	3/8	10.0 TTG		U A	7959	COMP+CAN	3/8	10.0 TTG		U A
6369	COMP+CAN	1/2	12.0 TTG		U A	7960	COMP+CAN	1/2	12.0 TTG		U A
<b>WSD Glass, Inc. ; Winston-Salem, NC:</b>						<b>Yantai Bluesky Glass Co., Ltd ; Yantai, Shandong Province:</b>					
4048	COMPOSITE	3/16	5.0 TTG		U A	8288	COMPOSITE	5/32	4.0 TTG		U A
4049	COMPOSITE	1/4	6.0 TTG		U A	8289	COMPOSITE	1/4	6.0 TTG		U A
4052	COMPOSITE	3/8	10.0 TTG		U A	8290	COMPOSITE	3/8	10.0 TTG		U A
4050	COMPOSITE	1/2	12.0 TTG		U A	<b>Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong Province:</b>					
<b>Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu:</b>						8234	COMP+CAN	3/16	5.0 TTG		U A
6784	COMPOSITE	3/16	5.0 TTG		U A	8235	COMP+CAN	1/4	6.0 TTG		U A
6785	COMPOSITE	1/4	6.0 TTG		U A	8236	COMP+CAN	3/8	10.0 TTG		U A
6786	COMPOSITE	5/16	8.0 TTG		U A	<b>Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong Province:</b>					
6787	COMPOSITE	3/8	10.0 TTG		U A	3742	COMP+CAN	3/16	5.0 TBG		U A
6788	COMPOSITE	1/2	12.0 TTG		U A	3743	COMP+CAN	1/4	6.0 TBG		U A
6789	COMPOSITE	*	15.0 TTG (4)		U A	3736	COMP+CAN	5/32	4.0 TTG		U A
<b>Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian:</b>						3737	COMP+CAN	3/16	5.0 TTG		U A
8484	COMP+CAN	1/8	3.0 TTG		U A	3738	COMP+CAN	1/4	6.0 TTG		U A
8348	COMP+CAN	5/32	4.0 TTG		U A	3739	COMP+CAN	5/16	8.0 TTG		U A
7948	COMP+CAN	3/16	5.0 TTG		U A	3740	COMP+CAN	3/8	10.0 TTG		U A
7949	COMP+CAN	1/4	6.0 TTG		U A	3741	COMP+CAN	*	12.0 TTG (3)		U A
8485	COMP+CAN	5/16	8.0 TTG		U A	<b>Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli:</b>					
7950	COMP+CAN	3/8	10.0 TTG		U A	8677	COMP+CAN	1/4	6.0 TTG (MC)		U A
8682	COMP+CAN	1/2	12.0 TTG		U A	8678	COMP+CAN	5/16	8.0 TTG (MC)		U A
<b>Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei:</b>						7923	COMP+CAN	3/8	10.0 TTG (MC)		U A
5979	COMP+CAN	3/16	5.0 TTG		U A	7924	COMP+CAN	1/2	12.0 TTG (3)		U A
6004	COMP+CAN	1/4	6.0 TTG		U A	8680	COMP+CAN	*	15.0 TTG (4)		U A
6005	COMP+CAN	5/16	8.0 TTG		U A	<b>Yin Fu (Dong Guan) Glass Co., Ltd. ; Dongguan, Guangdong Province:</b>					
5980	COMP+CAN	3/8	10.0 TTG		U A	9027	COMP+CAN	3/16	5.0 TBG		U A
5981	COMP+CAN	1/2	12.0 TTG		U A	9028	COMP+CAN	1/4	6.0 TBG		U A
5982	COMP+CAN	*	15.0 TTG (4)		U A	9029	COMP+CAN	5/16	8.0 TBG		U A
5983	COMP+CAN	3/4	19.0 TTG		U A	9025	COMP+CAN	5/32	4.0 TPG (m)		U A
<b>Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin:</b>						9026	COMP+CAN	1/4	6.0 TPG (s)		U A
5532	COMP+CAN	3/16	5.0 TTG (MC)		U A	9112	COMP+CAN	3/8	10.0 TPG (s)		U A
5533	COMP+CAN	1/4	6.0 TTG (MC)		U A	9018	COMP+CAN	1/8	3.0 TTG		U A
5534	COMP+CAN	5/16	8.0 TTG (MC)		U A	9019	COMP+CAN	5/32	4.0 TTG		U A
5535	COMP+CAN	3/8	10.0 TTG (MC)		U A	9020	COMP+CAN	3/16	5.0 TTG		U A
5536	COMP+CAN	1/2	12.0 TTG (MC)		U A	9021	COMP+CAN	1/4	6.0 TTG		U A
6329	COMP+CAN	*	15.0 TTG (4)(MC)		U A	9022	COMP+CAN	5/16	8.0 TTG		U A
<b>Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning:</b>						9023	COMP+CAN	3/8	10.0 TTG		U A
6848	COMP+CAN	1/4	6.0 TTG (MC)		U A	9024	COMP+CAN	*	12.0 TTG (3)		U A
6849	COMP+CAN	5/16	8.0 TTG (MC)		U A	<b>Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province:</b>					
6850	COMP+CAN	3/8	10.0 TTG (MC)		U A	6453	COMP+CAN	1/4	6.0 TTG		U A
6851	COMP+CAN	1/2	12.0 TTG (MC)		U A	6454	COMP+CAN	5/16	8.0 TTG		U A
<b>Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province:</b>						6455	COMP+CAN	3/8	10.0 TTG		U A
3085	COMP+CAN	3/16	5.0 TTG (MC)		U A	8528	COMP+CAN	*	12.0 TTG (3)		U A
3053	COMP+CAN	1/4	6.0 TTG (MC)		U A	<b>Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong Province:</b>					
4648	COMP+CAN	5/16	8.0 TTG (MC)		U A	7066	COMP+CAN	3/16	5.0 TBG		U A
3054	COMP+CAN	3/8	10.0 TTG (MC)		U A						

*Certified Products-Alphabetical By Plant-Tempered/Other*

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
5894	COMP+CAN	1/4	6.0 TBG		U A						
6879	COMP+CAN	5/16	8.0 TBG		U A						
6877	COMP+CAN	5/32	4.0 TTG		U A						
5890	COMP+CAN	3/16	5.0 TTG		U A						
5891	COMP+CAN	1/4	6.0 TTG		U A						
5892	COMP+CAN	5/16	8.0 TTG		U A						
5893	COMP+CAN	3/8	10.0 TTG		U A						
8789	COMP+CAN	1/2	12.0 TTG		U A						
<b>Yorglass Cam Sanayi Ve Ticaret A.S. ; Yunusemre, Manisa:</b>											
8408	COMP+CAN	1/8	3.0 TTG		U A						
8409	COMP+CAN	5/32	4.0 TTG		U A						
<b>Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu:</b>											
5465	COMP+CAN	3/8	10.0 TTG		U A						
5466	COMP+CAN	1/2	12.0 TTG		U A						
<b>Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Suzhou, Jiangsu:</b>											
5737	COMP+CAN	1/8	3.0 TTG		U A						
5738	COMP+CAN	5/32	4.0 TTG		U A						
<b>Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province:</b>											
8563	COMP+CAN	1/4	6.0 TTG		U A						
8564	COMP+CAN	5/16	8.0 TTG		U A						
8565	COMP+CAN	3/8	10.0 TTG		U A						
8566	COMP+CAN	*	12.0 TTG (4)		U A						
<b>Zhejiang Jinchen Glass Co., Ltd. ; Huzhou, Zhejiang:</b>											
8205	COMP+CAN	5/32	4.0 TBG		U A						
8206	COMP+CAN	3/16	5.0 TBG		U A						
6676	COMP+CAN	1/8	3.0 TTG		U A						
8209	COMP+CAN	5/32	4.0 TTG		U A						
<b>Zhejiang Pusaisi Intelligent Glass Co., LTD ; Shaoxing City, Zhejiang:</b>											
8669	COMP+CAN	1/4	6.0 TPG (s)		U A						
8666	COMP+CAN	5/32	4.0 TTG		U A						
8667	COMP+CAN	1/4	6.0 TTG		U A						
9123	COMP+CAN	5/16	8.0 TTG		U A						
8668	COMP+CAN	3/8	10.0 TTG		U A						
<b>Zhongli Glass Co., Ltd ; Huzhou, Zhejiang:</b>											
8495	COMP+CAN	3/16	5.0 TTG (MC)		U A						
8496	COMP+CAN	1/4	6.0 TTG (MC)		U A						
8497	COMP+CAN	5/16	8.0 TTG (MC)		U A						
8498	COMP+CAN	3/8	10.0 TTG (MC)		U A						
<b>Zhongshan Shengchang Glass Product Ltd. ; Zhongshan, Guangdong Province:</b>											
9696	COMPOSITE	1/4	6.0 TTG		U A						
9697	COMPOSITE	5/16	8.0 TTG		U A						
9698	COMPOSITE	3/8	10.0 TTG		U A						
<b>Zhongshan Walle Glass Product Co., Ltd ; Zhongshan, Guangdong Province:</b>											
8142	COMPOSITE	1/4	6.0 TTG		U A						
8143	COMPOSITE	5/16	8.0 TTG		U A						
8144	COMPOSITE	3/8	10.0 TTG		U A						
<b>Zhongshan Xinghe Glass Co., Ltd. ; Zhongshan, Guangdong Province:</b>											
9294	COMP+CAN	1/4	6.0 TTG		U A						
9295	COMP+CAN	5/16	8.0 TTG		U A						
9296	COMP+CAN	3/8	10.0 TTG		U A						
<b>Zibo YuRu Glass Factory ; Zibo City, Shandong Province:</b>											
7125	COMP+CAN	1/8	3.0 TTG		U A						
7110	COMP+CAN	5/32	4.0 TTG		U A						
8063	COMP+CAN	1/4	6.0 TTG		U A						
8019	COMP+CAN	5/16	8.0 TTG		U A						
7126	COMP+CAN	3/8	10.0 TTG		U A						
8020	COMP+CAN	1/2	12.0 TTG		U A						

## CERTIFIED PRODUCTS KEY

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### Glass Kind Codes

(AN)	ANNEALED
(HS)	HEAT STRENGTHENED
(FT)	FULLY TEMPERED
(CS)	CHEMICALLY STRENGTHENED

### Glass Product Type Codes

TTG	TEMPERED TRANSPARENT GLASS
TPG	TEMPERED PATTERNED GLASS
TBG	TEMPERED BENT GLASS
TBP	TEMPERED BENT PATTERNED GLASS
LSG	LAMINATED SAFETY GLASS
OCG	ORGANIC COATED GLASS
OCH	ORGANIC COATED GLASS HYBRID
SPS	SAFETY PLASTIC SHEET
VIGT	VACUUM INSULATING GLASS TEMPERED
VIGL	VACUUM INSULATING GLASS LAMINATED
VITL	VACUUM INSULATING GLASS TEMPERED LAMINATED
CSSG	CHEMICALLY STRENGTHENED SAFETY GLASS

### Pattern Glass Attribute Codes

(s)	SHALLOW PATTERN
(m)	MEDIUM PATTERN
(d)	DEEP PATTERN

### Miscellaneous Codes

(IN)	INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing for this certification period due to inactive production)
MC	METALIZED COATED

### Glass Standard Attribute Codes

U	UNLIMITED SIZE CATEGORY
A	ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP
B	ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP
(2)	CONFORMS TO EN 572-7 THICKNESS TOLERANCES FOR BENT/CHANNEL GLASS
(3)	CONFORMS TO EN 572-2 THICKNESS TOLERANCES FOR TEMPERED GLASS
(4)	CONFORMS TO EN 12150 THICKNESS TOLERANCES FOR TEMPERED GLASS
(5)	CONFORMS TO EN 572-5 THICKNESS TOLERANCES FOR PATTERNED GLASS
(6)	INDOOR USE ONLY
(7)	CONFORMS TO JIS 3202:2011 THICKNESS TOLERANCES FOR TEMPERED GLASS
(c1)	CPSC CAT 1 ONLY
(*)	INDICATES EN STANDARD THICKNESS TOLERANCE

### Laminated - Interlayer Generic Codes

(b)	POLY VINYL BUTRAL INTERLAYER
(el)	EPOXY LIQUID CRYSTAL POLYMER
(ip)	IONOMER
(lc)	LIQUID RESIN - MULTI COMPONENT
(lu)	LIQUID RESIN - UV CURE
(p)	POLYETHYLENE TEREPHTHALATE
(f)	FLUORINATED ETHYLENE PROPYLENE INTERLAYER
(u)	POLYURETHANE
(ev)	ETHYLENE-VINYL ACETATE
(PRO)	PROPRIETARY (CONTACT SGCC MANUFACTURER)



## Classified Tempered Glass Patterns Key (SD-100)

S (Shallow)

M (Medium)

D (Deep)

X (Pattern available but pattern depth not yet classified.)

\*Indicates EN Standard Thickness Tolerance

Pattern Name	Manufacturer	Thickness & Pattern Depth												
		inches	1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2	5/8	3/4
		mm	3	4	5	0.21	5.5	6	7	8	10	12	16	19
Abstracto	Saint Gobain			D										
Altdeutsch F	Saint Gobain			S										
Altdeutsch K	Saint Gobain			S										
Antique	Saint Gobain			S										
Aqua	AGC	S	S	S				S						
Aqualite	Qingdao Jinjing			S				S						
Aquatex	AGC	S	S	S	S	S	S	S						
Aqui	AGC	S	S	S				S			S			
Arctic*	Pilkington			D										
Arena C/SR Arena	Saint Gobain	S	S	S				S						
Austral*	Pilkington			D										
Autumn	Saint Gobain							S						
Autumn*	Pilkington			M				X						
Bamboo	AGC				D									
Bamboo	Guardian										S			
Bamboo	Shixing				M			S						
Bamboo	Kibing			D										
Bubble	Guardian	S	S	S			S	S			S			
Cascade	AGC					S	S							
Cast	Saint Gobain										S			
Chantilly*	Pilkington			S										
Charcoal Sticks*	Pilkington			S										
Chinchilla	AGC				S	S	S							
Citrus	AGC	S	S	S										
Contora*	Pilkington			S										
Cotswold*	Pilkington			M				X						
Convex Squares 3"	Nathan Allan										D			
Cross Reeded	AGC			D				M						
Delta	AGC			D				M						
Digital*	Pilkington													
Esto	Guardian							M			M	M		
Estrizado/SR Estr	Saint Gobain			M				M						
Etre	Guardian			S				S			S	S		
Everglade*	Pilkington			M				X						
Flax	AGC	M	M, S	S	S	S	S							
Flemish*	Pilkington			S				M						
Floralite	Guardian			M										
Florex	AGC	M	M											
Florielle*	Pilkington			S										
Fluted	Shandong Jinjing							D		M	S			
Fluted	Qingdao Jinjing				D			M						
Flutes	AGC			M	D			D						
Flutex	AGC				D						M			
Glacier	AGC	M	M	D				D			M			
Gluechip	Guardian	M	M	M			M	M			S			
Ground Glass	AGC	S	S	S				S						
Hammered	AGC	S	S	S				S						
Illusions	AGC	S	S	S				S						
Ima	Guardian							M			M	M		
Industrex	AGC	S	S	S	S	S	S	S						
Kathedral Klein	AGC	S	S	S				S						
Kathedral Max	Saint Gobain			S	S				S					
Kathedral Min	Saint Gobain			S										
Konfeta	AGC			M										
Krystal Flutes	AGC				D									
Krystal Illusions	AGC	S	S	S				S						
Krystal Industrex	AGC	S	S	S				S			S			
Krystal Serenity	AGC	S	S	S				S						
Krystal Storm	AGC			S	S			S			S			
Laliva weiss	Saint Gobain			S										
Leaf	AGC	M												
Listral A	Saint Gobain			S										

Pattern Name	Manufacturer	Thickness & Pattern Depth												
		inches	1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2	5/8	3/4
		mm	3	4	5	0.21	5.5	6	7	8	10	12	16	19
Listral D	Saint Gobain		M											
Listral F	Saint Gobain		M											
Listral K	Saint Gobain		S											
Listral M	Saint Gobain		D											
Lozenge	Pilkington			D										
Madera	Saint Gobain		D											
Maris	Saint Gobain		M											
Master-Carre	Saint Gobain		M											
Master-Carre	Saint Gobain		M				M		M	M				
Master-Lens w	Saint Gobain		D				D		D					
Master-Ligne	Saint Gobain		M				M		M					
Master-Point	Saint Gobain		M				M		M					
Master-Ray	Saint Gobain		D				D		D					
Master-Shine	Saint Gobain		M				M		M	M				
Mayflower*	Pilkington		S											
Minster*	Pilkington		S											
Mistlite	Qingdao Jinjing		S	S			S							
Monumental M	Saint Gobain		D											
Monumental S	Saint Gobain		M											
Morisco*	Pilkington		M											
Niagara	Guardian	D	M	M		M	M			S	M			
Niagara Rain	Qingdao Jinjing			M										
Oak*	Pilkington		S											
Oceanic	Qingdao Jinjing		D											
Optica	Saint Gobain		M											
P-516	Guardian	S	S	S	S	S	S			S	S			
Pattern 62	AGC	S	S	S	S	S	S							
Pattern 73	AGC	M	M											
Pear	Qingdao Jinjing						S							
Pebbles	AGC		M				M			M				
Pelérine*	Pilkington		S											
Pinhead	Taiwan Glass	S		S						S				
Pixels	AGC		M											
Rain	AGC	M	M	M			M		S	S				
Rattan*	Pilkington	M												
Rayado*	Pilkington			S										
Reed	Saint Gobain						M							
Reeded*	Pilkington		D	M			M							
Sahara	Saint Gobain		S											
Sateen	Skyline Design		S				S		S	S	S	S	S	
Seashell	AGC			M		M								
Serenity	AGC	S	S	S			S							
Silvit	Saint Gobain		D						D	D				
Skytex	AGC				S									
Solatex	AGC	S	S	S										
Solite	AGC	S	S	S										
Sparkel*	Pilkington		D											
Spotlyte	Saint Gobain		D											
Spraylite	Guardian	S	S	S	S	S	S			S				
SR Listral L	Saint Gobain						S		S	S				
Stippolite*	Pilkington		S				X			X				
Storm	AGC		S	S			S			S				
Sunadex	AGC			S										
Sycamore*	Pilkington		S				X							
Taffeta*	Pilkington		S											
Tetra	Guardian		M											
Wired 1/2"	Saint Gobain						S							
Wired 1/2"	Saint Gobain							S						
Wired Abstract	Saint Gobain							M						
Visio Sun Glass	Saint Gobain						S							
Wired Listral	Saint Gobain						S							
Wired Waterdrop	Saint Gobain							M						
Waterdrop	Saint Gobain		M											
Yacare*	Pilkington		M											
Zefiro Weiss	Saint Gobain		M											

**SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)**

*In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data.*

*L.1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L.1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).*

*All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data. **All Indoor use only products must submit Indoor Use Only Weathering requirements to ANSI Z97.1-2015 by 12/31/2016 to maintain approval on this list. Interlayer suppliers not providing weathering data to SGCC by 12/31/16, will no longer be available for manufacturers to use in SGCC certified products. (7/1/16)***

Generic Code & Description							
	(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(u) Polyurethane	(ev) Ethylene-Vinyl Acetate	
	(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(p) Polyethylene Terephthalate	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	Min. Interlayer Thickness (mm)	Weathering Data on file
(b)	Polyvinyl Butyral	Eastman Chemical Company	Saflex III/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex Specialty	Saflex Q, AG, DB/DS	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex Composite	Saflex V, K series	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex FlySafe 3D		(0.060)	(1.52)	✓
		Kuraray	Trosifol Clear & Decorative	Clear (B200&B500), UltraClear, XT UltraClear, HR (HR100), UV ExtraProtect (EP), Natural UV(NUV), BirdSecure Pro, Brilliant Colors/Tints	(0.015)	(0.38)	✓
		Kuraray	Trosifol Specialties	SentryGlas Expressions, Extra Stiff (ES), SC Monolayer, Solar R40 (B900)	(0.030)	(0.76)	✓
		Chang Chun	Winlite		(0.015)	(0.38)	✓
		Sekisui S-Lec	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film		(0.030)	(0.76)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™	NC0, LAM50, LCM50	(0.015)	(0.38)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™ SUPER TOUGH	LAM72T	(0.030)	(0.76)	✓
		Kingboard (FO Gang) Specialty Resins Ltd.	Kingboard		(0.015)	(0.38)	✓
		Anhui Wanwei Bisheng Co., Ltd.	Bisn©		(0.030)	(0.76)	✓
		Gutmann PVB Plastic Sheets Manufacturing LLC	Gutmann PVB	Clear	(0.030)	(0.76)	✓
Zhejiang Decent New Material Co., Ltd.	Architectural PVB		(0.030)	(0.76)	✓		
(u)	Polyurethane	SWM International	ArgoBond®	ST-6050	(0.050)	(1.27)	✓
		Satinal S.p.a	Strato®		(0.015)	(0.38)	✓
(ip)	Ionoplast	Kuraray	Trosifol SentryGlas®, SentryGlas® BirdSecure Pro		(0.035)	(0.89)	✓
		Kuraray	Trosifol SentryGlas® Xtra™		(0.035)	(0.89)	✓
		China E&N Film Technology	ENsafe-MG		(0.030)	(0.76)	✓
		Fujian Meidi Plastic Technology Co., Ltd.	R-SGP		(0.060)	(1.52)	✓
(lu)	Liquid Resin - UV Cure	Bestroom Co. Ltd.	UVLAM		(0.040)	(1.02)	✓
		H.B. Fuller- Kommerling	Kodilan GS-LED		(0.040)	(1.02)	✓
		ALLNEX	UVEKOL		(0.040)	(1.02)	✓
(ev)	Ethylene-Vinyl Acetate	Interlayer Solutions, inc.	EVALAYER		(0.015)	(0.38)	✓
		Folienwerk Wolfen GmbH	Evguard® - UV380, Polar White, Milky White		(0.015)	(0.38)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Crystal		(0.015)	(0.38)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Visual		(0.015)	(0.38)	✓
		RCN Solution SRL	REVA BF		(0.015)	(0.38)	✓

Generic Code & Description							
	(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(u) Polyurethane	(ev) Ethylene-Vinyl Acetate	
	(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(p) Polyethylene Terephthalate	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	Min. Interlayer Thickness (mm)	Weathering Data on file
(ev)	(Continued)	IGE Supply Solutions, Inc.	Shenzhen Gaoren Electronic New Material Co.,Ltd - ASQ1X Extra Clear EVA Film		(0.015)	(0.38)	✓
		SWM International	ArgoBond®	SE-381TF	(0.030)	(0.76)	✓
		TPI All Seasons Company Ltd.	Vistasafe- VS103		(0.015)	(0.38)	✓
		Satinal S.p.a.	Strato®		(0.015)	(0.38)	✓
		Shanghai HIUV New Materials Co., Ltd.	HIUV-PVE		(0.015)	(0.38)	✓
(ev)(p)	Ethylene-Vinyl Acetate / Polyethylene Terephthalate	Folienwerk Wolfen GmbH	Evguard®+ MPE		(0.015)(0.008) (0.015)	(0.38)(0.20) (0.38)	✓
		Satinal S.p.a.	Strato® EVA + Strato® Rigido		(0.015)(0.020) (0.015)	(0.38)(0.51) (0.38)	✓
(el)(p)	Epoxy-Liquid Crystal Polymer / Polyethylene Terephthalate	Polytronix, Inc.	Polyvision Film		(0.075)	(1.905)	✓
(su)	Solid resin UV cure	Seory Materials Corp	Seory Interlayer		(0.030)	(0.76)	✓

**SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN  
THE ANSI AND CAN/CGSB CERTIFICATION PROGRAMS (SD-101)**

The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory. **Please note:** For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.

California	Georgia
<p><b>125 - Architectural Testing Inc. (an Intertek Company)</b>                      Architectural Testing Inc. (an Intertek Company), 2524 East Jensen Ave.; Fresno, CA 93706                      Attn: Kenny White, Mr. Joshua Lannum, Mr. Tyler Westerling, Ms. Marisela Saavedra, Ms. Shannon Stein                      Phone: (559) 233-8705 Fax: (559) 233-8360                      Email: <a href="mailto:kenny.white@intertek.com">kenny.white@intertek.com</a>,  <a href="mailto:joshua.lannum@intertek.com">joshua.lannum@intertek.com</a>,  <a href="mailto:Tyler.Westerling@Intertek.com">Tyler.Westerling@Intertek.com</a>,  <a href="mailto:Marisela.Saavedra@Intertek.com">Marisela.Saavedra@Intertek.com</a>,  <a href="mailto:Shannon.Stein@Intertek.com">Shannon.Stein@Intertek.com</a></p>	<p><b>165 - Architectural Testing Inc. (an Intertek Company)</b>                      Architectural Testing Inc. (an Intertek Company), 1701 Westfork Dr., Suite 106; Lithia Springs, GA 30122                      Attn: Mr. Ryan Ignacio, Daniel Carroll, Mr. Niles Curry, Ms. Andrea Torrey                      Phone: (770) 941-6916 Fax: (770) 941-2930                      Email: <a href="mailto:Ryan.Ignacio@intertek.com">Ryan.Ignacio@intertek.com</a>,  <a href="mailto:daniel.carroll@intertek.com">daniel.carroll@intertek.com</a>, <a href="mailto:Niles.Curry@intertek.com">Niles.Curry@intertek.com</a>,  <a href="mailto:andrea.torrey@intertek.com">andrea.torrey@intertek.com</a></p>
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<p><b>75 - Blackwater Technical Services, Inc.</b>                      Blackwater Technical Services, Inc., 7341 Westport Place, Suite 1A; West Palm Beach, FL                      Attn: Mr. Michael Caldwell, Mr. Wyatt Sherman                      Phone: (561) 508-2830 Fax: (888) 704-4084                      Email: <a href="mailto:mikecaldwell@blackwatertesting.com">mikecaldwell@blackwatertesting.com</a>,  <a href="mailto:wsherman@blackwatertesting.com">wsherman@blackwatertesting.com</a></p>	<p><b>500 - Element Materials Technology Des Moines</b>                      Element Materials Technology Des Moines, 3922 Delaware Avenue; Des Moines, IA 50313                      Attn: Austin Heiselman, Adam Scarlett, Brian Escherich, Ms. Amy Suedmeier                      Phone: (515) 266-5101 Fax: (505) 262-1910                      Email: <a href="mailto:austin.heiselman@element.com">austin.heiselman@element.com</a>,  <a href="mailto:adam.scarlett@element.com">adam.scarlett@element.com</a>, <a href="mailto:brian.escherich@element.com">brian.escherich@element.com</a>,  <a href="mailto:amy.suedmeier@element.com">amy.suedmeier@element.com</a></p>
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**SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN  
THE ANSI AND CAN/CGSB CERTIFICATION PROGRAMS (SD-101)**

The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory. **Please note:** For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.

Ohio	Texas	
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Pennsylvania	Washington	
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# Appendix A

*Guidance for the SGCC Certification of  
Laminated Glass (SD-210)*



safety glazing certification council

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**Guidance for the SGCC Certification of Laminated Glass**

(Approved 09/13/2023)

**Summary**

The concept for the SGCC Certification of laminated glass is that initial testing must be performed on two sets of laminated glass units comprised of 1.) thinnest nominal overall thickness constructed from two lites of the thinnest nominal glass thickness to be used in a laminated glass construction for which certification is desired and 2.) thickest nominal overall thickness constructed from two lites of the thickest nominal glass thickness to be used in a laminated glass construction for which certification is desired. Certification of a laminate with a nominal overall thickness of 16 mm or greater (containing two lites of minimum 8 mm glass) will automatically qualify laminates constructed with thicker glass. Glass thickness is defined by ASTM C1036. The glass Kind for each set must be the same based on the glass Kind for which certification is required. The interlayer in each of those sets shall be the thinnest for which certification is desired and shall be one of the interlayers listed on the SGCC Approved Interlayer list. Ongoing certification shall be conducted through testing of the thinnest nominal laminate thickness certified from that set with the same glass Kind and the same thickness and type of interlayer used in the original certification.

Despite thickness or generic class of interlayer, a product can only be certified to the performance requirements that it will consistently meet. Therefore, as an example, product AAAA (6mm LTG (b) (0.38) (CI) (B)) which will only pass Category I of CPSC and impact class B of ANSI, will need to be certified separately from product BBBB (6mm LTG (b) (0.76) (CII)(A)) which will pass Category II of CPSC and impact class A of ANSI. A laminate meeting the higher impact class (Cat II or Class A) automatically qualifies to meet the requirements of the lower impact class (Cat I or Class B) without further testing. But not vice versa, i.e if you test/certify initially to Impact class B of ANSI, you will need to certify products from impact class A of ANSI separately.

**Definitions**

**Inserts:** Layers of sheeting or materials, continuous or non-continuous, within an encapsulated system. *See diagram below for further guidance.*

**Interlayer:** A layer or multiple layers of material acting as an adhesive between lites of glass and/or plastic which add(s) additional performance to the finished product, for example, penetration resistance, glass or plastic shard retention, solar control, acoustical insulation, color, design, or combinations thereof.

**Laminate:** an assembly consisting of two or more lites of glass and/or plastic that are bonded together by interlayer material.

**Lite:** a panel or sheet of glass or a panel or sheet of laminated glass.

**Ply:** an individual layer of glass or plastic in a laminate.

**Kind:** A classification of flat glass based on strengthening. Kinds are: Annealed (AN), Heat-strengthened (HS), Fully tempered (FT) or chemically strengthened (CS).

**SGCC List of Accepted Interlayers**

SGCC shall maintain a list of accepted interlayers per generic code (please see the SGCC website <https://www.sgcc.org/laminated-glass>). Testing of an interlayer covers all thicker and colored interlayers of the same type. Impact certification of laminated glass containing one brand of accepted interlayer will allow use of other SGCC accepted interlayer brands within the same generic code.

See Appendix A for *How to get on the SGCC Accepted Interlayer List*.

**Generic Interlayer/Film Categories**

Table 1: Table of Accepted Interlayer Generic Codes.



Generic Code	Description
(b)	Polyvinyl Butyral (PVB)
(ip)	Ionoplast
(lc)	Liquid Resin-Multi Component
(lu)	Liquid Resin – UV Cure
(p)	Polyethylene Terephthalate (PET)
(f)	Fluorinated Ethylene Propylene
(u)	Polyurethane (PU/TPU)
(el)	Epoxy-Liquid Crystal Polymer
(ev)	Ethylene-vinyl Acetate (EVA)
(su)	Solid Resin UV Cure

**Nominal Thickness**

Nominal laminate thickness is not an exact or minimum thickness. It is a summation of the nominal thicknesses of the individual glass lites in the laminate; therefore, deviation around these values is expected. Using metric glass thicknesses, the convention of “glass 1 + glass 2 (mm), Interlayer thickness mm) and SGCC interlayer designation” gives tremendous flexibility and allows for rapid understanding and summation of overall thickness, thus leading to quick understanding of approvals based on thicknesses of components. Some examples follow in Table 2.

Table 2: Examples of laminated glass abbreviated nomenclature.

Detailed Configuration	Summary Nomenclature mm
3 mm (1/8 inch) glass   0.76 mm (0.030 inch) PVB interlayer   3 mm (1/8 inch) glass	3,3-0.76b
6 mm (1/4 inch) glass   1.52 mm (0.060 inch) TPU interlayer   6 mm (1/4 inch) glass	6,6-1.52u
4 mm (5/32 inch) glass   1.52 mm (0.060 inch) IP interlayer   6 mm (1/4 inch) glass	4,6-1.52ip

Testing of 16 mm (5/8 in.) laminated glass (i.e., 8,8-0.76b) or thicker covers all thicker laminated glasses with the same generic interlayer type. This guideline is in recognition that 1) such products are typically used for applications which require strength characteristics beyond normal human impact safety glazing and 2) SGCC testing has historically shown consistent compliance of such products.

Table 3: Typical Interlayer Nominal Thickness

Metric (mm)	Traditional (in)
0.38	0.015
0.51	0.020
0.64	0.025
0.76	0.030
0.89	0.035
1.14	0.045
1.27	0.050
1.52	0.060
1.905	0.075
2.286	0.090

Note: (Formerly L.6) Thickness of the interlayer shall be measured by the SGCC® standard method.

Testing of the thinnest interlayer of a type covers all thicker interlayers in laminates for that Class (Cat II or Class A; Cat I or Class B). This guideline is in recognition that 1) increase in interlayer thickness increases impact capability and 2) SGCC testing has historically shown consistent compliance of such products.

When two sets of laminated glass are tested, all nominal laminate thicknesses between and inclusive of the nominal thicknesses tested will be included in the certification. These laminates may have symmetrical or asymmetrical construction provided the overall nominal

laminated glass thickness is not below or above those configurations used to gain certification. The nominal thickness of the individual glass lites cannot be less than the nominal thickness of the glass plies used in initial testing of the thinnest nominal laminated glass thickness and cannot be greater than the nominal thickness of the glass plies used in initial testing of the thickest nominal laminated glass thickness unless units with 2 lites of 8 mm or greater have been used in the initial testing. For example: initial testing with 4mm | interlayer | 4mm does not certify 3mm | interlayer | 5 mm, AND initial testing with 3mm | interlayer | 5mm does not certify 4mm | interlayer | 4mm

The interlayer must be of the same type and the minimum thickness for which certification was achieved. For example, two sets of laminates are submitted and passed with 4,4-0.76b and 8,8-0.76b, laminated glass thicknesses with any combination of 4,5,6, and 8 mm glasses and a minimum thickness of 0.76 mm PVB are covered under the current certification. And, since the example above is certified for a nominal laminated glass thickness of 16 mm, a laminate with any glass lite at or thicker than 8 mm is also certified.

**Initial Testing**

Initial testing for certification of laminated glass at each fabrication facility will require two laminated glass sets to be submitted with the same glass Kind, and the same type and thickness of interlayer. The first set of laminates shall be constructed with the thinnest nominal glass thickness and the thinnest interlayer of each generic category of interlayer for which certification is desired (i.e., 2.7 mm glass | 0.76 mm interlayer | 2.7 mm glass). The second set of laminates shall be constructed with the thickest nominal glass thickness and the thinnest interlayer of each generic category of interlayer for which certification is desired (i.e., 8 mm glass | 0.76 mm interlayer | 8 mm glass). This is graphically described in Figure 1. A single set of laminates may be submitted for initial testing. Unless these laminates are made of 8 mm or greater lites of glass, their certification would be limited to that single nominal laminated glass thickness as tested and must use the same nominal glass thickness as what was tested. If testing was conducted with glass lites 8 mm or greater, certification would cover the laminate construction as tested plus any laminate having glass thicker than what was tested, but not anything thinner.

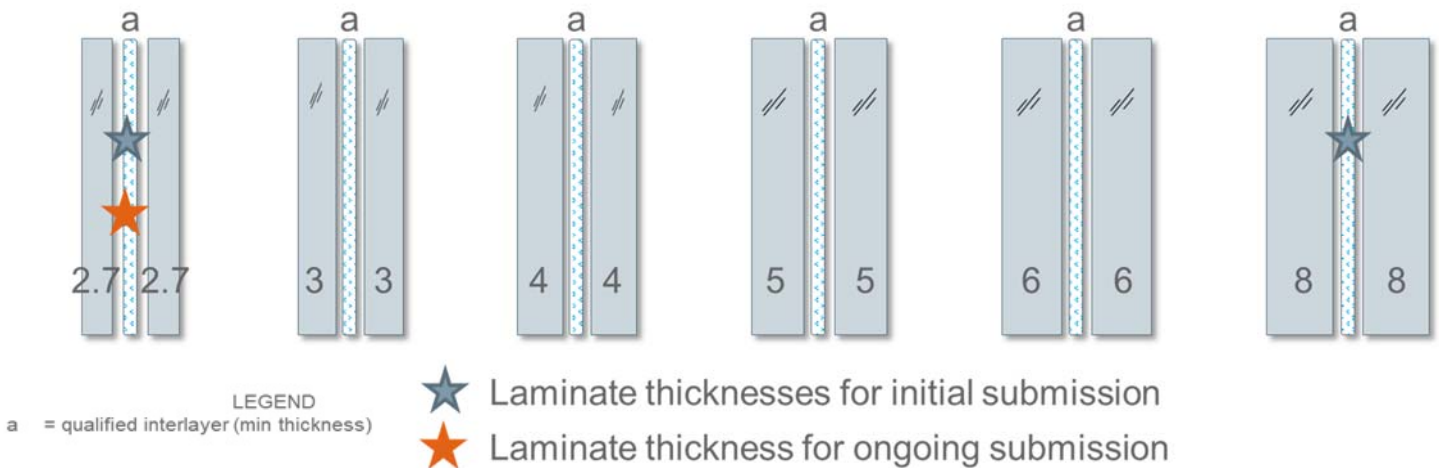


Figure 1 – Example of initial and ongoing laminated glass thickness submissions for certification (symmetrical glasses)

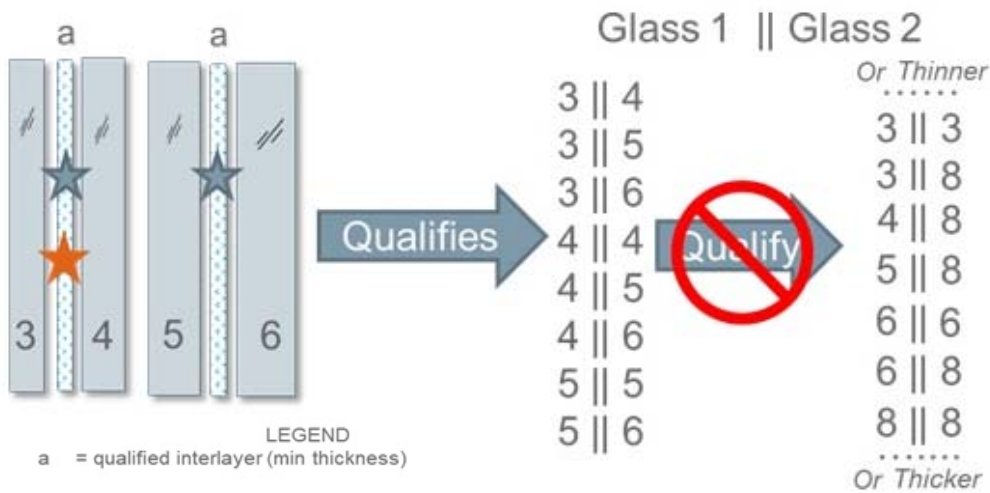


Figure 2 – Example of initial and ongoing laminated glass thickness submission with asymmetrical glasses

A product can only be certified to the performance requirements it will consistently meet, for example, an 0.38 mm (0.015 inch) interlayer meeting ANSI Class B will need to be certified separately from 0.76 mm (0.030 inch) and greater interlayer meeting ANSI Class A for each nominal thickness and each generic category of interlayer for which certification is desired.

**Ongoing Certification**

Ongoing certification testing shall be performed with the thinnest nominal laminate thickness certified from that set with the same glass Kind and the same thickness and type of interlayer used in the original certification.

Regular audit sample selection procedures shall apply for laminated glass. For “Participant” selected samples, ongoing testing shall be with the thinnest interlayer and the thinnest product certified for each generic interlayer category. For “Auditor” selected samples, ongoing testing shall be with any thickness product of the same glass Kind and generic interlayer category, at the discretion of the SGCC auditor.

**Glass Modifications to Existing Certified Laminates**

Glass Kind: Laminated glass is also certified by its base glass Kind (strength) or heat treatment (AN= annealed, HS= heat-strengthened, FT= tempered, CS= chemical strengthened). Certification with annealed (AN) glass will cover heat-strengthened (HS), fully tempered (FT), and chemical strengthened (CS). Testing to HS will only cover HS and FT. Testing to FT will only cover FT. Testing to CS will only cover CS. Figure 3 and Table 5 are provided to help visualize and quickly determine if a change in glass Kind requires testing.

Table 4 – Reference table for testing requirements for a change in glass Kind.

From	To	Acceptance
AN	HS	Automatic
AN	FT	Automatic
AN	CS	Automatic
HS	AN	TEST
HS	FT	Automatic
HS	CS	TEST
FT	AN	TEST
FT	HS	TEST
FT	CS	TEST
CS	FT	TEST
CS	HS	TEST
CS	AN	TEST

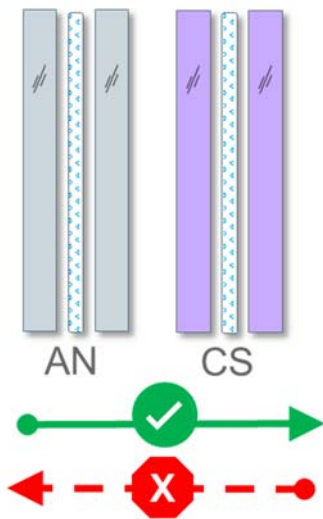


Figure 3: Diagram showing testing needs to change glass Kind for CS glass

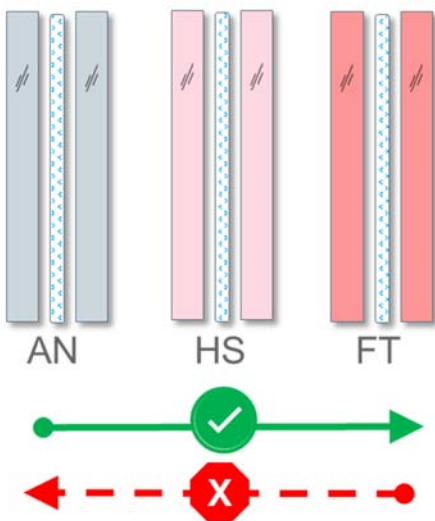


Figure 4 Diagram showing testing needs to change glass Kind for AN, HS and FT.

Glass changes other than glass Kind can also be modified without the need to test, provided a base configuration has been tested and meets the initial requirements. Figure 5 illustrates the configurations that are acceptable without additional weathering and impact testing.

Acceptable Modifications to Glass are the following: *See diagram below for further guidance.*

- Glass Metalized Coating: any change from uncoated to Low-e, reflective, sputtered (soft coat), pyrolytic (hard coat). The coatings are either toward the interlayer or on the exterior surfaces of the laminate.
- Decorative Coatings: Decorative coatings and prints which are inorganic and chemically bonded (fused) to glass (ceramic enamels) and within a laminated glass product, do not need additional testing and are included in certification if the base testing passes. Decorative coatings and prints which are organic or not chemically bonded (fused) to glass (elastomeric coatings, surface applied films or tapes) within a laminated glass product will require weathering and impact testing.
- Glass Color change
- Glass texture change (external to interlayer orientation only). This must be towards the exterior of the laminate and not in contact with the interlayer.

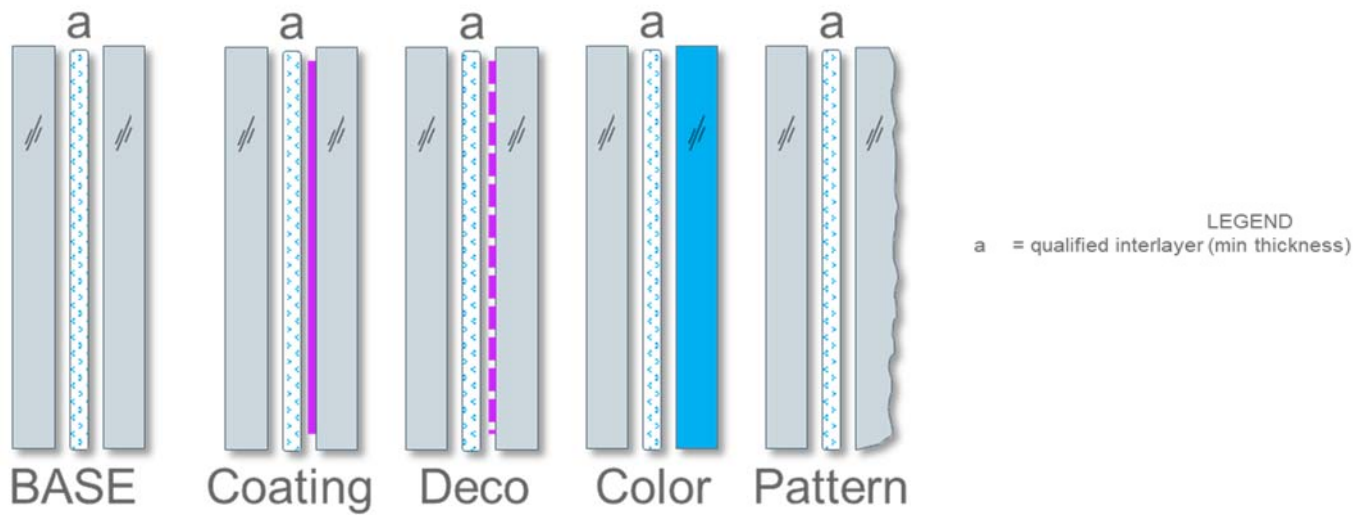


Figure 5: Allowable changes in or on glass without the need for additional weathering or additional impact testing.

A summary of the interlayer or insert changes which either qualify for automatic acceptance, or require weathering and/or impact testing are outlined and detailed in Figure 6.

Test Type	Base	Thickness	Color	Coating Print	Encap 1	Encap 2	Insert
Description	Qualified base product	Increase in interlayer thickness	Glass or interlayer color change	Coating or print applied to glass toward interlayer	Insert between qualified interlayers	Insert between qualified and <b>unqualified</b> interlayer	Insert between glass and interlayer
Weathering	Required	Not Required	Not Required	See note	Not Required	<b>Required</b>	<b>Required</b>
Impact	Required	Not Required	Not Required	See note	Not Required	<b>Required</b>	<b>Required</b>

**NOTE:** For inorganic coatings, weathering and impact testing **is not** required. For organic coatings, weathering and impact testing **is** required.

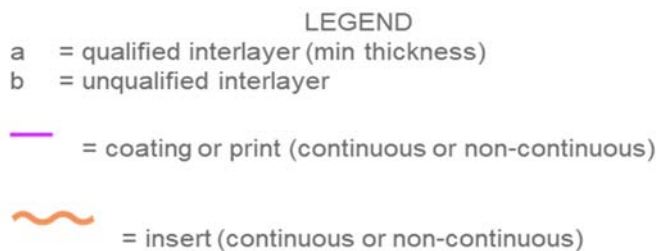


Figure 6: Changes to laminates with regard to interlayer contact to glazing or inserts

In summary, color changes, decorative or metalized coatings on glass such as pyrolytic (hard coat), sputtered (soft coat), ceramic enamels; and acid etch or sandblast (thinnest section no less than thickness qualified), in contact with the interlayer, or inserts are automatically accepted without the need for further testing if the interlayer is already on the SGCC accepted interlayer list with the following exceptions:

- a.) The interlayer on either side of an insert is not the same or greater thickness than the interlayer qualified as a single layer with regard to the performance class tested (Class A (Cat II) or Class B (Cat I)).
- b.) The insert material is placed between an interlayer and the glass. In this case weathering and impact testing must be done (even if the interlayer is already accepted).

If an interlayer is not already accepted by SGCC, then weathering and impact testing must be done.

The fabricator maintains sole responsibility for establishing compatibility, durability, and retention of impact properties for all materials used in any laminated composite or encapsulated interlayer system.

**Sample Certified Products Directory (CPD) Listing**

SGCC#	TEST STD	MIN CONFIGURATION	MAX CONFIGURATION	TYPE	KIND	MAX SIZE	ANSI CLASS
AAAA	Composite	3,3-0.38(b)	8,8-0.38(b)	LSG	AN	U	B
BBBB	Composite	3,3-0.76 (b)	6,6-0.76(b)	LSG	HS	U	A
CCCC	Composite	5,5-0.89(ip)	8,8-0.89(ip)	LSG	FT	U	A

The configuration columns shall indicate the range of the overall nominal thickness of the laminate and any limitations. For example, SGCC BBBB above is certified for all nominal thickness laminates from 6 mm to 12 mm.

**SGCC Labeling Requirements**

SGCC labeling guidelines shall apply with the addition of the nominal laminate thickness.

**Sample Labels:** (Minimum Requirements)

Federal Code (CPSC) designation 16 CFR 1201 – Performance Category (I or II)  
 The words “American National Standard Z97.1-2015” or the characters “ANSI Z97.1-2015”  
 SGCC number–ANSI Z97 test size classification (U or L) – drop height class (A or B)

Examples of labels:

ABC Glass	ABC Glass	ABC Glass
16 CFR 1201 I	Laminated	Plant Code
ANSI Z97.1 – 2015	16 CFR 1201 II	16 CFR 1201 II
SGCC AAAA UB	ANSI Z97.1 – 2015	ANSI Z97.1 – 2015
	SGCC BBBB UA	SGCC CCCC UA1

Optional label content: Supplier’s Name, distinctive mark, plant location code, glass type as defined in ANSI Z97-15 section 5.1.4 (Type 1,2,3, or 4) or spelled out (Laminated, Tempered, Organic Coated or Plastic), and date of manufacture.

**Indoor Use Only Label Requirement (example)**

ABC Glass  
 16 CFR 1201 I  
 ANSI Z97.1-2015  
 SGCC AAAA UB  
 INDOOR USE ONLY

# Appendix A

## How to get on the SGCC Accepted Interlayer List

SGCC shall maintain a list of accepted interlayers per generic category. For a specific model of interlayer to be placed on the accepted list, weathering, and impact data to the applicable reference standard (ANSI Z97.1, CPSC 16CFR 1201, or ASTM C1900) must be submitted to SGCC for review and acceptance.

(Formally Laminated Guideline L.10) For certification to ANSI Z97.1 section 5.4, weathering tests on laminated glasses shall be performed on the thinnest construction of all components in clear glass with clear interlayer. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. interlayer manufacturer. Since SGCC's acceptance of weathering data is a "one-time" event, no formal weathering lab approval will be required. However, at time of weathering data submittal, the weathering test facility shall submit an explanation why they are competent to perform such tests. Justification of competence shall be judged on any facility's history and experience. (Revised 1/30/2012)

Weathering data is accepted from interlayer manufacturers with a signed affidavit stating the weathering was carried out in accordance with either ANSI Z97.1 and/or ASTM C1900. The data showing zero-time values and delta values for visible light transmittance, yellowness, haze, and color (Delta E) must also be provided. All weathered laminates must be below 7.24 mm overall thickness. Testing of an interlayer covers all thicker and colored interlayers of the same type. Weathering data may also be submitted by independent third parties. Impact test reports must be provided by an SGCC licensee or by an interlayer supplier. Impact testing must be done at an SGCC Approved Testing Laboratory. A list of accepted interlayer brands per generic category shall be maintained and published by SGCC. Impact certification of laminated glass containing one brand of accepted interlayer will allow use of other SGCC accepted interlayer brands within the same generic category.

Once passing test results have been achieved, the report(s) should be forwarded to SGCC for review and an Approval Letter for Interlayer Acceptance will be issued to the supplier. Once approved, the *SGCC List of Accepted Interlayers (SD-99)* list will be updated and published to the SGCC public website.