



Architectural Testing

**Program Guidelines
for
Security Fenestration Rating
and
Certification Program**

*Administered by
Architectural Testing*



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Discussion:

In response to security threats and the likelihood of more threats in the future, many agencies, both public and private, are mandating testing and rating of building components for their ability to mitigate the effects of threats from ballistic, forced entry attack and blast events. Test criteria and levels of protection are being developed for generic and project-specific use. Many government agencies, private building owners, consultants, and engineering firms require documentation of the protection level and test criteria of both building components and systems.

Test procedures and performance criteria are being reviewed and honed to produce reliable, realistic data that can be applied to specific design criteria in an effort to provide design professionals with the tools necessary to address threat mitigation issues.

This Certification Program is a voluntary program developed to apply the on-going work related to test method and specification development at the manufacturing plant and the job site in a practical manner. This Certification Program is intended to provide government agencies, building owners, and the professionals that represent them the assurance that fenestration products and installation methods intended to mitigate the effects of ballistic, forced entry, and blast threats will not only meet the project requirements in the laboratory, but also perform when they are delivered to, and installed on, the job site.

This Certification Program uses a combination of testing, quality assurance, manufacturing audits, and site assessments to verify that installed products meet all of the specified threat mitigation performance criteria.

Additional security elements may be added to this program as they are identified and prioritized by program users and participants.

This voluntary Certification Program is administered by Architectural Testing and is endorsed by the American Architectural Manufacturer's Association (AAMA).

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1.0 Forward

- 1.1 These guidelines are part of a third-party Certification Program administered by Architectural Testing for fenestration products.
 - 1.1.1 These guidelines provide the operating principles for the certification program, and
 - 1.1.2 Constitute part of the agreement between manufacturers of security hazard mitigating fenestration products and Architectural Testing (the Administrator of the program).
- 1.2 As part of this program, the participating manufacturer (Licensee) may certify that designated security hazard mitigating fenestration products meet or exceed specific threat mitigation performance levels, and that they are continuously manufactured under an approved quality assurance process. The Licensee's certification is validated by Architectural Testing through one or both of the following: 1) quality control program review, manufacturing process audits and periodic testing; and 2) on-site verification of construction and installation.
- 1.3 This Certification Program is designed to operate in general compliance with criteria outlined in ISO/IEC Guide 65, *Guidelines for Third-party Certification and Accreditation*.
- 1.4 Manufacturing plant and on-site audits performed in conjunction with this program are designed to comply with criteria outlined in ISO/IEC Standard 17020, *General Criteria for the Operation of Various Type of Bodies Performing Audits*.
- 1.5 Under the Program Guidelines, Licensees are required to implement a quality control program meeting the requirements of AC10, *Acceptance Criteria for Quality Documentation*, published by the International Code Council Evaluation Service (ICC-ES). Supplemental to AC10, the program participant is also required to meet additional applicable requirements as stipulated in *Architectural Testing, Inc. Minimum Quality Control Requirements for Quality Assurance and Certification Programs*, ATI-MQCR. The depth and complexity of the quality control program may vary as necessary to address the operation of the Licensee's specific facility.

2.0 General

- 2.1 **Overview:** The primary features of this Certification Program include the following:
 - 2.1.1 The participating manufacturer enters into a license agreement with Architectural Testing. Once the license agreement is executed, the participating manufacturer becomes a "Licensee" of the program.



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- 2.1.2 The Licensee's security hazard mitigating fenestration products are evaluated for program participation using the "product-specific" or "project-specific" qualification provisions of the program as outlined in Sections 6.1 and 6.2. Products may qualify for participation using one or both of the provisions therein.
- 2.1.3 A product for which the Licensee desires to enter into the program is tested in accordance with the applicable performance specifications to determine compliance. Once a product achieves certification, variations of that certified product may be verified through component evaluation, or submitted engineering calculations sealed by a registered professional engineer and granted approval by the Administrator.
- 2.1.4 For Licensees participating under the product-specific provision, Architectural Testing periodically audits the place of manufacture to determine continued compliance with the ICC-ES AC10 and ATI-MQCR quality control requirements of this program, and to verify that certified products are consistently manufactured in the identical manner in which the product was tested and approved for participation in the program.
- 2.1.5 For Licensees participating under the project-specific provision, Architectural Testing periodically audits the manufacturing plant and the project site during the manufacturing and installation process to verify that each certified product and actual installation details of that product comply with the referenced project requirements and approved shop drawings.
- 2.1.5.1 Manufacturing plant audit frequency shall depend upon the length of time the project requires for manufacturing completion of each product certified. Projects requiring one month or less manufacturing time to complete shall require one plant audit. Projects requiring between one and three months manufacturing time shall require one plant audit per month. Projects requiring more than three months manufacturing time shall require a plant audit at or near the 5%, 50%, and 90% project completion points.
- 2.1.5.2 Unless otherwise specified and accepted by the Administrator, project site audits shall be conducted at or near the 5%, 50%, and 90% project completion points. Each audit shall consist of inspections of three installed products.
- 2.1.6 All Licensees must demonstrate compliance with the minimum manufacturing plant quality control requirements for participation in the program regardless of their method of compliance.



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- 2.1.7 All Licensees meeting the requirements of this program are issued Certificates of Compliance, are authorized to use the Program Label, and are to be included in the Security Fenestration Rating and Certification Products web site listing at "www.archtest.com".
- 2.1.8 Licensees participating under the product-specific provision may continue participating in the program as long as they satisfy all program requirements and pay all applicable fees.
- 2.1.9 Licensees participating only under the project-specific provision will remain active in the program until the referenced project is completed.

3.0 Referenced Documents

- 3.1 AAMA 510-06, *Voluntary Guide Specification for Blast Hazard Mitigation for Fenestration Systems*
- 3.2 ASTM F1233-98 (Re-approved 2004), *Standard Test Method for Security Glazing Materials And Systems*
- 3.3 ASTM F1642-04, *Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings*
- 3.4 GSA-TS01-2003, *United States General Services Administration "Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings"*
- 3.5 ISO/IEC Guide 65, *Guidelines for Third-party Certification and Accreditation*
- 3.6 ISO/IEC Standard 17020, *General Criteria for the Operation of Various Types of Bodies Performing Audits*
- 3.7 ISO/IEC Standard 17025, *General Requirements for the Competence of Testing and Calibration Laboratories*
- 3.8 Unified Facilities Criteria UFC 4-010-01, *DoD Minimum Antiterrorism Standards for Buildings, 8 October 2003, Tables 2-1 and 2-2 for the applicable explosive weight in Table B-1*
- 3.9 Unified Facilities Criteria UFC 4-010-01, *DoD Minimum Antiterrorism Standards for Buildings – Standard 10. Windows, Skylights, and Glazed Doors, 8 October 2003*



4.0 Definition of Terms as used herein:

- 4.1 **AAMA-Endorsed Certification Program:** The Security Fenestration Rating and Certification Program has been endorsed by the American Architectural Manufacturers Association, and Architectural Testing is the Administrator of the program.
- 4.2 **Accredited Independent Testing Laboratory:** A testing laboratory accredited to perform the referenced testing procedures by a national accrediting agency in accordance with ISO Standard 17025. Accredited Independent Testing Laboratories are not permitted to have a financial interest in, or otherwise be affiliated with, companies or individuals for whom they perform testing.
- 4.3 **Architectural Testing:** The Certification Program Administrator. Architectural Testing is an accredited independent laboratory and quality assurance audit agency (www.archtest.com).
- 4.4 **Certified Products Listing:** A list of products qualifying for program participation which is maintained by the Program Administrator, and is available to the public on Architectural Testing's web site at www.archtest.com. The Certified Products Listing shall contain all information included on the Certificate of Compliance for qualifying products.
- 4.5 **Certification Program Administrator (Program Administrator):** The person designated by Architectural Testing to oversee and direct the Program in accordance with these guidelines. The Program Administrator shall have the responsibility to assure that Licensees of the Program satisfy the criteria for participation, including initial product qualification and on-going quality control requirements.
- 4.6 **Certification Program:** A program by which participating manufacturers can certify that a product meets designated specifications and/or standards. Verification of the manufacturer's certification is done by the Program Administrator (Architectural Testing) through in-plant and on-site audits and periodic testing.
- 4.7 **Licensee:** A participating manufacturer that has entered into a license agreement with Architectural Testing for participation in the Program.
- 4.8 **Product-Specific Certificate of Compliance:** A certificate issued by the Program Administrator to the Licensee who uses the product-specific qualification method which serves to validate qualification of a security fenestration product for participation in this Certification Program. The certificate establishes the product's place of manufacture, identification, test size, and performance levels.



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- 4.9 **Product-Specific Performance Qualification:** The method of qualifying for program participation by demonstrating compliance with a referenced generic performance specification.
- 4.9.1 **Generic Performance Specification:** Any specification for security hazard mitigation fenestration products that is not project-specific.
- 4.10 **Project Authority:** A person, company, or organization with the responsibility of determining the acceptability of fenestration products for a referenced project.
- 4.11 **Project-Specific Compliance Report:** Product evaluation report for use by the program Licensee to demonstrate third-party verification of compliance with project-specific requirements.
- 4.12 **Project Specifications:** Individual specifications unique to a specific project relative to threat mitigation requirements. Project specifications may be developed by the project owner or one of the project consultants, such as the consulting engineering or architectural firm.
- 4.13 **Project-Specific Performance Qualification:** The method of qualifying for program participation by demonstrating compliance with a proprietary project specification relative to threat mitigation requirements.
- 4.14 **Security Hazard Mitigating Fenestration Product:** A **fenestration product** or **fenestration system** certified by the manufacturer to comply with these Security Fenestration Rating Product Guidelines.
- 4.14.1 **Fenestration Product:** A window, door, storefront, curtain wall, or other component of a fenestration system. Other components may include, but are not limited to, anchors, glazing materials, and flashing or panning systems.
- 4.14.2 **Fenestration System:** A fully assembled window, door, storefront, or curtain wall, including all installation components and hardware necessary to satisfy the requirements for bomb-blast resistance as required by a reference specification.
- 4.15 **Waiver of Retest:** A method by which a Licensee may make minor changes to a certified product without retesting. A request for a waiver of retest must be submitted to the Program Administrator with supporting documentation that the proposed change(s) will result in equivalent or better performance.
- 5.0 **Eligibility:** Any manufacturer of security hazard mitigating fenestration products who complies with the program requirements and enters into a license agreement with Architectural Testing is eligible. For manufacturers with more than one manufacturing facility, each facility producing certified products or systems must participate in the



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program independently. Each facility will be subject to audit as outlined in these guidelines.

6.0 Security Fenestration Product Qualification: Security hazard mitigating fenestration products may qualify for participation in the Program using one or both of the following procedures:

6.1 Product-Specific Performance Qualification:

6.1.1 To be considered for inclusion in this program under the product-specific performance qualification provision, fenestration products must first be tested by an independent laboratory accredited in accordance with one or more of the following test methods. The accredited laboratory must be accredited to perform the appropriate test methods in accordance with ISO Standard 17025.

6.1.1.1 ASTM F1642-04, *Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings*

6.1.1.2 GSA-TS01-2003, *United States General Services Administration "Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings"*

6.1.1.3 ASTM F1233-98 (Re-approved 2004), *Standard Test Method for Security Glazing Materials And Systems*

6.1.1.4 Other test methods may be used to qualify products under this provision only as approved by the Program Administrator.

6.1.2 Blast-resistant fenestration products may also be certified as compliant to the following specifications:

6.1.2.1 AAMA 510-06, *Voluntary Guide Specification for Blast Hazard Mitigation for Fenestration Systems*

6.1.2.2 Unified Facilities Criteria UFC 4-010-01, *DoD Minimum Antiterrorism Standards for Buildings, 8 October 2003, Tables 2-1 and 2-2 for the applicable explosive weight in Table B-1*

6.1.2.3 Unified Facilities Criteria UFC 4-010-01, *DoD Minimum Antiterrorism Standards for Buildings – Standard 10. Windows, Skylights, and Glazed Doors, 8 October 2003*

6.1.2.4 Other standards or specifications may be used to qualify products under this provision only as approved by the Program Administrator



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- 6.1.3 Acceptability of test reports from laboratories not accredited in accordance with ISO Standard 17025 at the time of the test shall be evaluated on an individual basis. The laboratory shall provide the following:
- 6.1.3.1 Evidence of equipment calibration for all equipment used to produce the test data associated with the submitted test reports; and
 - 6.1.3.2 Evidence of experience and expertise in the area of the testing performed; and
 - 6.1.3.3 A signed and dated statement from the owner or an executive officer of the testing laboratory indicating their independence status relative to the report holder.
- 6.1.4 Participating Licensees using the product-specific performance qualification provision must also demonstrate that their quality control program meets the requirements as outlined in ICC-ES AC10, *Acceptance Criteria for Quality Documentation*. They must submit to an initial plant audit to verify that the quality assurance program accurately reflects actual practice at the manufacturing location. Supplemental to AC10, the program participant is also required to meet additional requirements as stipulated in *Architectural Testing, Inc. Minimum Quality Control Requirements for Quality Assurance and Certification Programs*, ATI-MQCR.
- 6.1.5 When the Licensee successfully demonstrates conformance with one or more of the reference specifications, and the quality control requirements per ICC-ES AC10 and ATI-MQCR are satisfied, a certificate of compliance shall be issued for qualifying fenestration product(s).
- 6.1.6 Any modification to a certified fenestration product shall void the Certificate of Compliance unless a waiver of retest is approved in writing by the Program Administrator.
- 6.1.6.1 A request for waiver of retest form must be submitted to the Program Administrator for any change to a certified product along with documentation to support that the proposed change does not negatively affect the performance of the certified product relative to the Certification Program acceptance criteria. Responsibility for the accuracy and correctness of the supporting documentation rests entirely upon the Licensee.
 - 6.1.6.2 The waiver of retest shall be approved if, in the judgment of the Program Administrator and Architectural Testing engineering staff, the supporting documentation is sufficient to demonstrate that the proposed change will result in equal or better threat mitigation performance.



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6.2 Project-Specific Performance Qualification:

6.2.1 To be considered for inclusion in this program under the project-specific performance qualification provision, the participating manufacturer must demonstrate that his product complies with the specific project requirements to the satisfaction of the Architectural Testing Certification Program Administrator.

6.2.2 A Project-Specific Compliance Report shall be issued by Architectural Testing after conducting a detailed review of submittals from the participating manufacturer. Submittals may include physical test results from an accredited independent testing laboratory, component evaluations, engineering calculations or a combination thereof.

6.2.2.1 The burden of the correctness, applicability, and accuracy of testing, component evaluations, and engineering calculations rests upon the Licensee.

6.2.2.2 If the submittals from the participating manufacturer do not, in the opinion of the Program Administrator, sufficiently demonstrate compliance with the project specifications, the participating manufacturer will be given the opportunity to submit additional supporting data to verify compliance.

6.2.3 A Project-Specific Compliance Report shall apply only to the project for which it was issued, and is not transferable to another project. The data used to substantiate a project-specific certificate may be used for other projects provided the product for the additional project and the installation details are identical (as determined by the Architectural Testing Certification Program Administrator).

7.0 **Audit and Verification for the Product-Specific Method:** Audits for Licensees qualifying using the product-specific method shall be conducted at the manufacturing facility and shall include verification that participating products being produced are the same as those approved for participation, and verification that the quality system is being conducted in accordance with the approved quality control system.

7.1 Semi-annual unannounced manufacturing plant audits shall be conducted by the Program Administrator to validate the Licensee's certification of participating products and the manufacturing facility's quality control system.

7.2 Prior to the initial plant audit, the Program Administrator shall perform a detailed review of the Licensee's Quality Manual for compliance with the ICC-ES AC10 quality control requirements and ATI-MQCR. A comprehensive, written report of findings will be submitted to the Licensee. Any deficiencies in the Quality Manual shall be addressed prior to the initial audit.



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- 7.3 During the initial audit, the Program Administrator shall verify that the quality control program in use is the same as the approved Quality Manual.
- 7.3.1 The initial audit shall be announced to allow the Licensee the opportunity to have all desired personnel present for the audit.
- 7.3.2 Subsequent audits shall be unannounced.
- 7.4 During each subsequent audit, the Program Administrator may select representative products, or sections of participating products, for independent verification of conformance with the approved product details.
- 7.4.1 The Licensee is required to provide an annual schedule of plant closings to the Program Administrator to avoid having an auditor arrive when the plant is not operating.
- 7.4.2 In the case that the Licensee fails to notify the Program Administrator of a plant closing, and an auditor is prevented from performing an audit as a result, the Licensee will be billed for the auditor's time and expenses, and the audit will be rescheduled.
- 7.5 The Program Administrator shall require a retest of a participating product if there is a substantive change in the product or referenced performance specification that cannot be addressed through a waiver of retest. If retesting is not required after eight years, the Licensee shall fabricate at least one sample of each participating fenestration product under the direction of the Program Administrator to be used for independent Quality Control testing in accordance with the following procedure.
- 7.5.1 The Administrator shall communicate with the Licensee to determine when participating products are scheduled for production.
- 7.5.2 The Administrator shall choose a test sample from upcoming production and inform the Licensee to produce at least one additional product for testing during the normal production run.
- 7.5.3 The Administrator shall randomly select one sample from the production run and mark it in a tamper-proof manner for independent quality control testing.
- 7.5.4 The Licensee shall package the selected sample(s) in a manner acceptable to the Administrator, and ship it to Architectural Testing within five (5) working days of the selection date. Architectural Testing shall test the selected sample(s) in accordance with the procedures used for initial qualification.



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- 7.5.5 The Program Administrator shall review the test results for compliance with the published performance ratings as posted on the certified products listing.
- 7.5.6 If the results of the quality control test(s) indicate equal or better performance as compared to the qualification test, no further action is required.
- 7.5.7 If the results of the quality control test(s) indicate performance below the level of the qualification test, the test sample(s) shall be investigated to determine the cause for the difference as follows:
 - 7.5.7.1 If the cause for the difference is determined to be workmanship, an additional test sample shall be fabricated using the procedure outlined in Section 7.1.5. If the additional test sample results are below the level of the qualification test, the product shall be de-certified until such time as the Licensee demonstrates that production consistently demonstrates compliance with the listed performance levels to the Administrator's satisfaction.
 - 7.5.7.2 If the cause for the difference is determined to be a result of deficient materials, the Licensee shall be required to review his procedures for acceptance of purchased materials and submit a corrective action plan to avoid similar deficiencies in the future.
 - 7.5.7.3 If the cause for the difference is determined to be intentional (meaning that the Licensee knew, based on quality assurance data or evaluations that the product in question was not the same as the one evaluated for qualification), the product shall be de-certified and the Licensee removed from the Certification Program. Licensees who are removed from the Certification Program for intentionally producing product out of conformance with these Program Guidelines may not be re-instated until the Program Administrator is satisfied that sufficient safeguards have been put in place to prevent future intentional non-compliance.
 - 7.5.7.4 Results of the audit shall be reported to the Licensee. Any required action as a result of the audit shall be completed within the time frame stipulated in the audit report in order to maintain certification status.

8.0 **Audit and Validations for the Project-Specific Method:** Validations for Licensees qualifying using the project-specific method shall include three phases. A report of the results of each phase shall be submitted to the Licensee. Copies of reports may be forwarded to other entities only through written authorization from the Licensee. It shall be the responsibility of the project authority to determine appropriate action if the reports generated through the certification process indicate that project specifications are not being met to their satisfaction.



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- 8.1 Phase I shall be a review of the project specifications relating to the Licensee's product(s). Fabrication and installation details shall be documented and a checklist shall be developed for use in verifying fabrication and installation details during Phase II and III.
 - 8.2 Phase II shall focus on the manufacturing process to assure that the program quality control requirements are satisfied relative to the specified project, and that fabrication details and components of security hazard mitigating fenestration products are in accordance with the project specifications and qualification tests. The checklist developed in Section 8.1 shall be used during Phase II.
 - 8.3 Phase III shall focus on the project site to verify that installation details comply with those used during product qualification as depicted in the project specifications. The balance of the checklist developed in Section 8.1 shall be used during Phase III.
- 9.0 **Architectural Testing Responsibilities:** Architectural Testing is the Program Administrator (Program Administrator) of this Certification Program for security hazard mitigating fenestration products. As Program Administrator, Architectural Testing has the following duties and responsibilities:
- 9.1 Execute a license agreement with Licensees allowing them to use the Architectural Testing Logo and approved labels as long as the Licensee demonstrates compliance with the Certification Program Guidelines.
 - 9.2 Review Licensee's quality control program to verify that it satisfies the ICC-ES AC10 and ATI-MQCR quality control requirements of the Certification Program.
 - 9.3 Review project-specific requirements to determine if a designated product demonstrates compliance with the requirements, and issue Project-Specific Compliance Reports as appropriate.
 - 9.4 Conduct all required audits to validate Licensees' certifications.
 - 9.5 Notify Licensees in writing concerning audit results and required corrective actions.
 - 9.6 Control use of Certification Labels, marks, and Project-Specific Compliance Reports.
 - 9.7 Maintain and publish a list of products participating in this Certification Program as appropriate.
- 10.0 **Licensee Responsibilities:** The participating Licensee is a manufacturer of security hazard mitigation fenestration products who certifies that products included in the Certification Program comply with these Certification Program Guidelines. The Licensee has the following duties and responsibilities:



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- 10.1 Conduct independent laboratory performance testing of security hazard mitigation fenestration products participating in the Certification Program as required to satisfy the requirements of Section 6.1, or
- 10.2 Verify conformance to prescriptive project specifications as required to satisfy the requirements of Section 6.2.
- 10.3 Continuously manufacture certified products in such a manner as to duplicate those approved for participation in the Certification Program.
- 10.4 Maintain an adequate quality control system to assure continued production of security hazard mitigation fenestration products in accordance with the Certification Program. A copy of ICC-ES AC10 quality control documentation requirements may be downloaded from the website: www.icc-es.org. ATI-MQCR is available from Architectural Testing, Program Administrator.
- 10.5 Permit free access during normal business hours for the Program Administrator or his representative to the manufacturing facility's manufacturing area, warehouse areas, and quality control records for the purpose of validating the certification process.
- 10.6 Arrange for access by the Program Administrator or his representative to the project site for which Project-Specific Compliance Reports are issued for the purpose of verifying that the project installation matches the details of the Compliance Report as outlined in Section 2.1.5.
- 10.7 Provide a contact at each manufacturing location for the Program Administrator or his representative. The contact must accompany the auditor throughout the audit and sign the appropriate auditor's report.
- 10.8 Promptly correct any deficiencies found during the audit process and document the corrections in writing to the Program Administrator.
- 10.9 Notify the Program Administrator of any proposed changes to certified products.
- 10.10 Use certification labels and marks only with prior written approval from the Program Administrator.
- 10.11 Provide the Program Administrator with an annual schedule of plant closings.
- 10.12 Notify the Program Administrator of any proposed change(s) to certified products.
- 10.13 Notify the Program Administrator immediately of any change in location, addition, or deletion of facilities which manufacture certified products.
- 10.14 Pay all applicable fees.



11.0 Program Labels

- 11.1 Certification Program Labels may be applied to products, literature, letters, and notices, shipping documents or other media only with the advanced written approval of the Program Administrator. Certification Program Labels applied to certified products shall be applied at the time and place of manufacture. Certification Program Labels may not be applied to previously stored or shipped products or systems without the express written consent of the Administrator.
- 11.2 By applying Certification Program Labels, or listing products on the Architectural Testing web site, the Licensee is certifying that his products comply with the Certification Program Guidelines and have been manufactured as exact reproductions of products validated for approval in performance, design, construction and fabrication.
- 11.3 Certification Program Labels may only be applied to products or used in literature for products which are certified. The Licensee shall immediately discontinue application of labels to products and literature for which certification has been revoked for any reason.

12.0 Certified Products Listing

- 12.1 A comprehensive list of all certified security hazard mitigation fenestration products shall be maintained on Architectural Testing's web site. Updates shall be made as changes occur so the listing will remain current.
- 12.2 The Certified Product Listing shall contain the following:
 - 12.2.1 Each Licensee's name, address, program code and contact information.
 - 12.2.2 A list of all certified products manufactured by each Licensee complete with series/model identification, description and pertinent test and performance levels.
 - 12.2.3 Optional hyperlinks to the licensee's web site for the listed product.

13.0 Waiver of Retest

- 13.1 A Licensee may apply for a waiver of retest if they deem the change to be minor in that it will result in equal or better performance as compared to the certified product.
- 13.2 A waiver of retest shall be accompanied by supportive documentation developed by a qualified professional that clearly indicates equal or improved performance.
- 13.3 Supportive documentation may include, but is not limited to, engineering evaluations, small scale testing, comparative analysis, or material properties data.



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- 13.4 The Program Administrator, supported by Architectural Testing's professional engineering staff, shall be the sole judge of the waiver request's acceptability.
- 13.5 The Administrator may require additional supportive documentation or testing at any time during the waiver review process.
- 14.0 **Manufacturer's Literature:** Any reference to participation in this Certification Program in the Licensee's sales or promotional literature shall be approved in writing by Architectural Testing prior to publication.
- 15.0 **Challenge Procedure:** Complaints of non-compliance of a certified product with the Certification Program requirements shall be investigated promptly by the Program Administrator provided:
- 15.1 The complaint is submitted in writing, accompanied by supportive evidence of non-compliance; and
- 15.2 The complaint is accompanied by a surety deposit of \$10,000 to finance the Administrator's investigation. If the product is determined to be non-compliant as indicated by the complainant, the surety deposit will be returned to the complainant and the Licensee will be liable for all expenses relative to the investigation. If the product is determined to be in compliance with the Certification Program requirements, expenses incurred shall be paid from the surety deposit. Any balance shall be returned to the complainant. Charges in excess of the surety deposit shall be approved by the complainant prior to continuing the investigation.
- 16.0 **Renewal**
- 16.1 Certification for Licensees using the product-specific method shall be renewed automatically as long as the Licensee maintains compliance with the Certification Program Guidelines and pays all applicable fees.
- 16.2 Certification for Licensees using the project-specific method shall remain in effect as long as the Licensee maintains compliance with the Certification Program Guidelines and until such time as the project is completed.
- 16.3 The Licensee or the Program Administrator may terminate participation in the Certification Program upon thirty (30) days written notice without cause.

