



SECURITY FENESTRATION RATING and CERTIFICATION PROGRAM EXECUTIVE SUMMARY

In response to the increased frequency of terrorist acts and the threat of more in the future, many public and private agencies are mandating testing and rating of building components for their ability to mitigate the effects of a blast event. 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 building components and systems.

To address the needs of building owners and the fenestration industry, the American Architectural Manufacturers Association (AAMA) has licensed the use of AAMA 510-06, "*Guide Specification for Blast Hazard Mitigation for Fenestration Systems*" for use as part of the first certification program for blast resistant fenestration products. To facilitate understanding of this ground breaking program without having to read the entire Procedural Guide, the concepts have been summarized herein:

1. The program provides two certification options:
 - a. **Product-specific** certification allows the manufacturer to certify that a specific product meets the requirements of one of the referenced standards on an on-going basis, much like traditional structural and thermal certification programs.
 - b. **Project-specific** certification provides the manufacturer a means of demonstrating compliance with a specific project both for fabrication of the product and installation on the project site.
2. Laboratories performing tests for certification must be accredited by a qualified agency in accordance with ISO Standard 17025. Test reports from laboratories not accredited at the time the tests were performed shall be considered on an individual basis, based upon the requirements of ISO Standard 17025. Therefore, reports from qualified laboratories are permissible for use with the program provided they satisfactorily demonstrate compliance.
3. Product-specific certification details:
 - a. Certified product variations may be approved through component evaluation or engineering calculations as reviewed by the Administrator.
 - b. Product-specific certification is valid for a period of 8 years unless there are changes to the certified product or the referenced standards.
 - c. Products, literature, and shipping documents are permitted to bear the certification program label.
4. Project-specific certification details:
 - a. Manufacturing plant and project site inspections are performed as necessary to validate the manufacturer's certification.
 - b. The certification process ends following satisfactory completion of the final inspection.
 - c. Verification of compliance is demonstrated through project-specific compliance reports published by the Administrator.
5. All participating products are published in a Certification Program Directory maintained on the Architectural Testing (Program Administrator) web site at www.archtest.com.