Field Testing Policy

Project specifications often require that newly installed fenestration products be field air and water tested. Winco’s acceptance of field testing (including any liability) is contingent on the testing being conducted in proper accordance with FGIA specification AAMA 502 and this policy. Some key product manufacturer provisions of AAMA 502 (with respective sections noted) include the following items.

1. **Prior notice of testing**: Winco shall be notified of the testing schedule a minimum of two weeks prior to testing to allow a Winco representative to be present for testing. (Section 6.3.1)
2. **Project Specifications**: Testing shall be conducted as required in the project specifications per the field quality control section with quantities to be tested noted and followed.
3. **Testing agency requirements:** The agency performing the field testing shall be AAMA LAP-3 accredited (Section 2.4). Additionally, the testing agency shall be able to produce calibration paperwork for their test equipment, if requested, which includes information such as spray rack setback distance and gauge pressures used during the calibration process. (Section 8.3.4)
4. **Pretest Inspection-Testing Agency**: A cursory inspection of the test specimen is to be performed by the testing agency to verify that the unit is plumb, level, and square, and operating properly. (Section 6.4.4)
5. **Pretest Inspection-Manufacturer/Installation Contractor**: Winco’s representative, as well as the installer, shall also be allowed to inspect and agree to the windows selected to be tested and correct deficiencies which are inconsistent with an optimal installation. Some examples of disqualifying deficiencies (but not limited to) would include operable sashes which are binding, sealant joint defects, or an installation which is noticeably out of square, plumb, or level. If a definition is needed for what qualifies as being out of square, plumb, or level, ASTM E2112 tolerances shall govern. If it is not possible to correct these deficiencies prior to testing, a new unit is to be selected for testing. (Section 6.4.4)
6. **2/3 Derating of Lab Water Pressure**: Unless otherwise explicitly stated in the project specifications (typically section 08 51 13), the field water test pressure differential shall not exceed 2/3 of the project specified performance requirements. If project specifications do not specify either a lab or field water test pressure differential, 2/3 of the water test pressure differential required for the AAMA performance class and grade of the product in question shall be used. (Section 7.5.3)
7. **Failure Criteria**:
   1. Testing of window quantities which exceed project specifications or deviate from test failure protocols as stated in the contract documents and all associated costs for doing so shall be the responsibility of the party ordering the tests.
   2. If leaks are reported on a project where Winco was not informed of testing, which deprived Winco of its right to screen the windows to be tested as well as the right to witness testing, Winco shall be compensated for personnel time and travel charges associated with the site visit. If leaks are determined not to be the result of factory deficiencies but rather out of specification testing, field damage, or improper installation, Winco will not accept back charges for additional out of specification testing, remediation, or any associated costs.
   3. If the path of water intrusion cannot be readily observed, AAMA 511 protocols must be followed to diagnose the source of water intrusion. (Sections 7.5.8 and 7.5.8.1).
   4. If test failures are attributable to a factory deficient product, while correctly following project specifications and test protocols, Winco will honor the warranty provided with the project.

Required Information

The following information is required to be provided to Winco at least two weeks prior to testing.

Name of the party responsible for costs associated with standard (non-failure) project specified field testing:

<Insert editable PDF field>

Approximate date(s) of testing:

<Insert editable PDF field>

From the project specifications, please state the section(s) number and title which will be governing the requirements for field testing:

<Insert editable PDF field>

Returned by:

Date:

Company:

<Insert editable PDF field> <Insert editable PDF field> <Insert editable PDF field>