

61G20-3.005 Product Evaluation and Quality Assurance for State Approval.

(1) Method 1. Products specifically addressed in the Code through performance criteria and standard test methods or standard comparative or rational analysis methods, which cannot be approved through the plan review and inspection process, shall demonstrate compliance with the Code through one of the following:

(a) A certification mark or listing from an approved certification agency indicating that the product is in compliance with the Code. Indication of compliance shall be by certification to standards adopted by the Code.

(b) A test report from an approved testing laboratory, which identifies which products are covered by the test report and provides verifiable documentation indicating the product tested complies with the Code.

(c) An evaluation report from an approved product evaluation entity that covers the subject product and, based upon standard tests or standard comparative or rational analysis, or a combination thereof, indicates that the product was evaluated to be in compliance with the Code and that the product is, for the purpose intended, at least equivalent to that required by the Code.

(d) An evaluation report from a Florida Registered Architect or a licensed Florida Professional Engineer developed and signed and sealed, based upon standard tests or standard comparative or rational analysis, or a combination thereof and indicates that the product was evaluated to be in compliance with the Code and that the product is, for the purpose intended, at least equivalent to that required by the Code.

(e) Rational engineering analysis cannot be used in lieu of a standard test required by the Code for approval of products within the scope of the standard, except that project specific approval by the local authorities having jurisdiction in accordance with alternate methods and materials authorized in the Code.

(f) A legacy report from a nationally recognized model code organization may be used if the report demonstrates compliance with the Code.

(g) Products required to demonstrate compliance using referenced testing standard(s) and also requiring rational analysis that falls outside the scope of the agency certificate designating product certification, must demonstrate compliance using an evaluation report from an approved evaluation entity.

(2) Method 2. Products for which there are no specific standardized tests or comparative or rational analysis methods of evaluation established as required by the Code shall demonstrate compliance with the intent of the Code through one of the following:

(a) An evaluation report from an approved product evaluation entity and provides verifiable documentation indicating the product complies with the intent of the Code.

(b) An evaluation report from a Florida Registered Architect or a licensed Florida Professional Engineer based on testing or comparative or rational analysis or combination thereof, which provides verifiable documentation indicating the product complies with the intent of the Code.

(c) Rational engineering analysis cannot be used in lieu of a standard test required by the Code for approval of products within the scope of the standard, except that project specific approval by the local authorities having jurisdiction in accordance with alternate methods and materials authorized in the Code.

(d) A legacy report from a nationally recognized model Code organization may be used if the report demonstrates compliance with the code.

(3) Products listed in Rule 61G20-3.001, F.A.C., shall be manufactured under a quality assurance program audited by an approved quality assurance entity.

→ (4) Evaluation Report and Test Report Documentation Requirements. All reports and documentation required in subsections 61G20-3.005(1) and (2), F.A.C., shall contain the information listed below. Design drawings submitted for permitting purposes are not to be construed to be an evaluation report and do not require this information. When the Code requires a standard test as a component of a product approval using the evaluation methods, the test lab must be accredited by an approved accreditation body for the test performed. The entity issuing the evaluation report or certification is responsible to ensure that the test lab is accredited.

(a) Name and address of the manufacturer, evaluation entity, engineer or architect or testing laboratory.

(b) Statement of compliance with the appropriate section or standard of the Code.

(c) Complete description of the product, including all drawings, manufacturer's product designations and materials, except materials specifications identified as proprietary.

(d) Technical documentation, including all substantiating data, supporting the compliance statement. Substantiating data shall include all test reports and calculations which may be referenced within the evaluation report.

- (b) Listing of the sources and basis of information used in the preparation of the Documents.
- (c) Statement that the Documents are believed to be correct to the best of the engineer's knowledge, and that the accuracy of the information cannot be guaranteed.

Specific Authority 471.033(2), 471.008 FS. Law Implemented 471.033(1), 471.023, 471.025 FS. History—New 1-26-93, Formerly 21H-30.002, Amended 11-13-08.

61G15-30.003 Minimum Requirements for Engineering Documents.

(1) Engineering Documents are prepared in the course of performing engineering services. When prepared for inclusion with an application for a general building permit, the Documents shall meet all Engineer's Responsibility Rules, set forth in Chapters 61G15-31, 61G15-32, 61G15-33, and 61G15-34, F.A.C., and be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that the proposed work will conform to all applicable standards, codes, laws, ordinances, rules and regulations in effect at the time the Documents are sealed, signed and dated, as determined by the AHJ. The Documents shall include:

(a) Information that provides material specifications required for the safe operation of the system that is a result of engineering calculations, knowledge and experience.

(b) If the Engineering Documents are intended to comply with requirements of any edition of federal, state, municipal, or county standards, codes, ordinances, laws, or rules, other than those currently in effect, the Engineering Documents must clearly state the edition and effective dates the Documents are intended to conform to.

(c) Information, as determined by the Engineer of Record, needed for the safe and efficient operation of the system.

(d) List engineering design criteria; reference project specific studies, reports, and delegated Engineering Documents.

(e) Identify clearly elements of the design that vary from the governing standards and depict/identify the alternate method used to ensure compliance with the stated purpose of these Responsibility Rules.

(2) Engineers shall legibly indicate their name and business address on Engineering Documents. Engineering Documents which are issued for preliminary or conceptual use shall clearly note the intended purpose of such Documents.

(3) When elements of the project are shown on an Engineering Document only for information or clarification and the Engineer does not intend to accept responsibility for the elements, the engineer shall clearly note on the Documents the extent of his responsibility.

(4) Engineering Documents shall be legible and clearly define and delineate the work in the project. They must also comply with the requirements of Chapter 61G15-23, F.A.C., Seals.

(5) Engineers shall clearly note on any preliminary Engineering Documents that such Documents are not in final form, but are being transmitted to the AHJ to receive agency reviews, comments and interpretations. The Documents may subsequently be revised by the engineer to reflect resolution of issues with the AHJ prior to final action by the AHJ. Changes, revisions and modifications to a project may prompt additional Document submittal for AHJ approval action on the same project.

Rulemaking Authority 471.033(2), 471.008 FS. Law Implemented 471.033(1)(g), 471.025(3) FS. History—New 1-26-93, Formerly 21H-30.003, Amended 11-13-08, 12-11-16.

61G15-30.005 Delegation of Engineering Documents: Obligations of the Engineer of Record.

(1) An engineer of record who delegates a portion of his responsibility to a delegated engineer is obligated to communicate in writing his engineering requirements to the delegated engineer.

(2) An engineer of record who delegates a portion of his design responsibility to a delegated engineer shall require submission of delegated engineering documents prepared by the delegated engineer and shall