

PDH NOW

Florida Law and Rules

This edition to be taken during the 2023 – 2025 Biennium in preparation for February 28, 2025 renewal deadline

PDH Now, LLC.
www.PDHNow.com

Florida Approved Provider 0006408
Florida Approved Course 0009804

PDHNow Florida Law and Rules for Professional Engineers
2023-2025 Renewal Cycle

Couse Description

The Florida Laws and Rules course satisfies the Florida continuing education requirement of 1 hour of Florida Laws.

The course is designed as a distance learning interactive course that enables the practicing professional engineer to keep up to date on the legal aspects that govern the practice of engineering in the state of Florida.

Objectives

The primary objective of this course is to familiarize the student with the recent changes to the laws and rules regulating the practice of engineering in the state of Florida. The course will focus on changes to the laws and rules that have been implemented during the previous biennium.

Upon successful completion of the course, the student will be well versed in all these changes and will have a better understanding of the disciplinary process.

How to Read this Course

This course is divided into several sections. Only the recently revised sections of the codes have been included in this cycle's version of the PDHNow Florida Laws and Rules Course. Since the purpose of the course is to learn about the changes to the code the student is not expected to read every section, but to focus on the revised rules. Certainly, some of the information on statute or rule changes or Board process may change between the time the course was submitted for approval to the end of the biennium. See References for sources available should you want to update your files.

In order to complete the course, the student must pass the quiz in the final chapter of the course. It is recommended that the student keep these questions in mind as the course is read.

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Topics Covered

- 1 – Brief overview of the of the Florida Administrative Code and Florida Statutes applicable to professional engineers; the role of the Board; and the Florida Engineering Management Corporation (FEMC).
- 2 – Changes to Chapter 471, F.S., The Florida Engineer Licensure Law made between January 1, 2018 and May 15, 2020
- 3 - Changes to Chapter 61G-15, F.A.C., The Rules of the Florida Board of Professional Engineers made between January 1, 2018 and May 15, 2020
- 4 – Changes to Chapter 455, F.S., Relating to the Department of Business and Professional Regulation made between January 1, 2018 and May 15, 2020
- 5 - Examples of disciplinary cases

Grading

Students must achieve a minimum score of 70% on the online quiz to pass this course.

The quiz may be taken three times.

The student will be asked at the end of the quiz to attest that he or she has personally and successfully completed all chapters of instruction.

The quiz may be viewed in the final chapter of this course.

Couse Inquiry

This course is designed to be interactive. The student is encouraged to contact us to discuss any questions that arise while taking this course. All inquiries will be answered within two days or less. The reader can contact PDHNow as follows:

By Email: RM@pdhnow.com

By Phone: 1-833-PDHNOW9 (1-833-734-6699)

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Florida Rules: 61G15 Changes

Florida Rules: 61G15: Board of Professional Engineers (61G15-18 to 61G15-37) – rules adopted, amended, or repealed during the immediately preceding biennium

Table 1: List of Rule changes that have been adopted in their final form on or after January 1, 2021 and before May 1, 2023.

Florida Rule	Description	Date Effective
61G15-18.011	Definitions	06/29/2021
61G15-19.001	Grounds for Disciplinary Proceedings	04/19/2023
61G15-19.004	Disciplinary Guidelines; Ranges of Penalties, Aggravating and Mitigating Circumstances	08/22/2021
61G15-19.0051	Notice of Noncompliance	08/22/2021
61G15-19.0071	Citations	08/15/2022
61G15-19.008	Confidentiality of Investigations	03/23/2022
61G15-20.008	Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Technology Degrees	12/29/2019
61G15-20.0011	Structural Engineering Recognition Program For PE	08/21/2022
61G15-20.0015	Application for Certification as Engineering Intern	08/15/2022
61G15-20.0017	Application for Retired Status	07/18/2022
61G15-20.008	Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Degrees	01/18/2023
61G15-22.0002	Licensure Change of Status, Reactivation; Reinstatement of Void Licenses	12/27/2021
61G15-22.008	Record Keeping (Repealed)	04/04/2021
61G15-22.009	Exemptions from Continuing Education Requirements	02/01/2023
61G15-23.001	Signature, Date and Seal Shall Be Affixed	11/15/2021
61G15-26.001	Standards for Supervision of Governmental Employees by PE	10/30/2022
61G15-31.003	Design of Structures Utilizing Prefabricated Wood Trusses	10/25/2021
61G15-31.006	Design of Structural Systems Utilizing Open Web Steel Joists and Joist Girders	08/22/2021
61G15-32.004	Design of Water Based Fire Protection Systems	03/23/2022
61G15-32.008	Design of Fire Alarms, Signaling Systems, and Control Systems	03/23/2022
61G15-33.003	Design of Power Systems	11/15/2021
61G15-34.002	Definitions	08/29/2021
61G15-34.003	Design of HVAC and Refrigeration Systems	08/04/2022
61G15-34.004	Design of Process and Fluid Flow Systems	11/24/2021

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61G15-34.005	Design of Heat and Energy Transfer Systems	04/25/2021
61G15-34.006	Design of Material Transfer Systems	04/25/2021
61G15-34.007	Design of Plumbing Systems	11/24/2021
61G15-34.008	Design of Mechanical Machines and Motion Systems	04/25/2021
61G15-34.009	Design of Instrumentation and Control Systems	04/25/2021
61G15-34.010	Design of Fuel Gas Systems	04/25/2021
61G15-35.0021	Definitions	04/05/2022
61G15-35.003	Qualification Program for Special Inspectors of Threshold Buildings	04/05/2022

Florida Statutes: Chapter 455 F.S. Changes

Chapter 455 F.S.: Business and Professional Regulation: General Provisions – statutes adopted, amended, or repealed during the immediately preceding biennium

Table 2: List of statute changes that have been adopted in their final form on or after January 1, 2021 and before May 1, 2023.

Florida Statute	Description	Date Effective
455.02	Licensure of Members of the Armed Forces	2022
455.116	Regulation Trust Funds	2022
455.219	Fees, Receipts, Disposition, Periodic Management Reports	2021

Florida Statutes: Chapter 471 F.S. Changes

Chapter 471 F.S.: Engineering – statutes adopted, amended, or repealed during the immediately preceding biennium

Table 3: List of statute changes that have been adopted in their final form on or after January 1, 2021 and before May 1, 2023.

471.055	Structural Engineering Recognition Program for Professional Engineers	2022
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Florida Laws and Rules

Chapter 1: Introduction to Florida Laws and Rules

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In this section, we will introduce the Florida Statutes, the Florida Administrative Code (FAC), the Florida Board of Professional Engineers (FBPE), and the Florida Engineers Management Corporation (FEMC) and discuss how they relate to the practice of engineering.

The Florida Statutes

The Florida Statutes are a permanent collection of state laws organized by subject area into a code made up of titles, chapters, parts, and sections. The Florida Statutes are updated annually by laws that create, amend, or repeal statutory material.

Florida Statutes are the codified, statutory laws of the state; it currently has 48 titles. Title XXXII provides the laws concerning the regulation of professions and occupations. Chapter 455 under title XXXII, provides the general provisions for the regulation of businesses and professions

455.201 - Professions and occupations regulated by department; legislative intent; requirements.

(2) The Legislature further believes that such professions shall be regulated only for the preservation of the health, safety, and welfare of the public under the police powers of the state. Such professions shall be regulated when:

(a) Their unregulated practice can harm or endanger the health, safety, and welfare of the public, and when the potential for such harm is recognizable and clearly outweighs any anticompetitive impact which may result from regulation.

(b) The public is not effectively protected by other means, including, but not limited to, other state statutes, local ordinances, or federal legislation.

(c) Less restrictive means of regulation are not available.

Chapter 471 of the Florida Statutes (Engineering) is a collection of laws specifically regulating the practice of engineering.

471.001 Purpose.--The Legislature deems it necessary in the interest of public health and safety to regulate the practice of engineering in this state.

Chapter 471 established the authority of the Florida Board of Professional Engineers. It also regulates how engineers are licensed, licensing fees, license renewal, seals, prohibitions and penalties, business certifications, disciplinary procedures, etc...

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Florida Board of Professional Engineers (FBPE)

471.07 Board of Professional Engineers.--There is created in the department the Board of Professional Engineers. The board shall consist of 11 members, nine of whom shall be licensed engineers and two of whom shall be laypersons who are not and have never been engineers or members of any closely related profession or occupation. Of the members who are licensed engineers, three shall be civil engineers, one shall be a structural engineer, one shall be either an electrical or electronic engineer, one shall be a mechanical engineer, one shall be an industrial engineer, one shall be an engineering educator, and one shall be from any discipline of engineering other than civil engineering. Members shall be appointed by the Governor for terms of 4 years each.

471.008 Rulemaking authority.--The board has authority to adopt rules pursuant to ss.120.536(1) and 120.54 to implement provisions of this chapter or chapter 455 conferring duties upon it.

Under this law the Florida Board of Professional Engineers is responsible for reviewing applications, administering examinations, licensing qualified applicants, and regulating the practice of engineering throughout the state.

Florida Engineers Management Corporation (FEMC)

The Florida Engineers Management Corporation was created to provide administrative, investigative, and prosecutorial services to the Florida Board of Professional Engineers in accordance with the provisions of chapter 455 and 471 of the Florida Statutes. It has a seven-member board of directors, five of whom are to be appointed by FBPE and must be registrants regulated by the FBPE and two of whom are to be appointed by the secretary and must be laypersons not regulated by the FBPE. Florida Statute 471.038, the Florida Engineers Management Corporation Act, establishes the laws concerning the FEMC. 61G15-37.001 of the Florida Administrative code also contains rules concerning the FEMC. The FEMC also issues the certificate of authorization for engineering businesses every two years.

Florida Administrative Code (FAC) – Section 61G15

The Florida Administrative Code is the official compilation of the rules and regulations of Florida regulatory agencies such as the Florida Board of Professional Engineers. Its counterpart in the federal system is the Code of Federal Regulations. The Florida Administrative Code is organized by titles with each title number representing a department, commission, board or other agency. The FAC states the rule followed by statutory authority, implementation and a history of the rule. The set is annotated with decisions of the Federal courts, State appellate courts, State Attorney General opinions, final and recommended orders of the Division of Administrative Hearings and final agency orders construing the rules. Citations for the Florida Bar Journal and the law reviews of Florida State, the University of Florida, the University of Miami, Stetson and Nova are also included. Updates to the Florida Administrative Code are published at <http://www.flrules.org/default.asp>.

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Section 61G15 of the Florida Administrative Code applies to the FBPE and the FEMC. It established more specific rules governing licensure, examinations, seals, fees, engineering responsibilities, threshold building inspections, etc...

In Chapter Two is a partial copy of FAC section 61G15 and documents the changes that have occurred during the last biennium. Sections that were revised during the previous biennium show the revisions that were made to them. New text underlined while deleted text is crossed out.

Chapter Three documents the changes made during the last biennium to sections 455 and 471 of the Florida Statutes. In this chapter we have printed only the sections that have been changed and we have printed the most recent version of those sections.

Chapter Four is application of the provisions of Chapter 471, F.S. to individual disciplinary cases and unlicensed practice cases

Chapter Five is a list of resources that were used to develop this course.

Chapter Six contains the online quiz that you will have to complete at pdhnow.com when you are ready to complete and then pay for the course.

Florida Laws and Rules

Chapter 2: Rules adopted, amended, or
repealed during the immediately
preceding biennium

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NOTICE: 24641800

EFFECTIVE DATE: 06/29/2021

RULE NO.: 61G15-18.011

PURPOSE AND EFFECT: The purpose of the amendment is to update to the rule language to include the current edition of the Florida Building Code and Florida Fire Prevention Code.

SUMMARY: Update to current edition of the Florida Building Code and Florida Fire Prevention Code.

61G15-18.011 Definitions.

(1) through (6) No change.

(7) The term “Florida Fire Prevention Code” shall mean the Florida Fire Prevention Code, 7th Edition, (2020), adopted by the Division of State Fire Marshal through Rule Chapter 69A-60, The Florida Fire Prevention Code, ~~61G15-34, F.A.C., effective 12-3-2011-13-08~~, which rule chapter is incorporated herein by reference and which may be obtained at <https://www.flrules.org/Gateway/reference.asp?No=Ref->.

(8) No change.

Rulemaking Authority 471.008, 471.013(1)(a)1., 2. FS. Law Implemented 471.003(2)(f), 471.005(7), 471.005(6), 471.013(1)(a)1., 2., 471.023(1), 471.025(3), 471.033(1)(j) FS. History–New 6-23-80, Amended 12-19-82, 11-22-83, Formerly 21H-18.11, Amended 1-16-91, 4-4-93, Formerly 21H-18.011, Amended 12-22-99, 4-19-01, 10-16-02, 9-15-04, 6-5-08, 6-2-09, 2-2-12, 6-12-16, 2-22-17, 3-4-18, 5-27-20, 6-29-21.

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NOTICE:	27013547
EFFECTIVE DATE:	04/19/2023
RULE NO.:	61G15-19.001
PURPOSE AND EFFECT:	The Board proposed the rule amendment to update and clarify the rule language regarding grounds for disciplinary proceedings.
SUMMARY:	The proposed rule amendment clarifies and updates the rule language regarding grounds for disciplinary proceedings.

61G15-19.001 Grounds for Disciplinary Proceedings.

(1) through (5) No Change.

(6) A professional engineer shall not commit misconduct in the practice of engineering. Misconduct in the practice of engineering as set forth in Section 471.033(1)(g), F.S., shall include, but not be limited to:

~~(a) Expressing an opinion publicly on an engineering subject without being informed as to the facts relating thereto and being competent to form a sound opinion thereupon;~~

(b) through (s) renumbered (a) through (r) No change.

(7) through (8) No Change.

Rulemaking Authority 471.033(2) FS. Law Implemented 471.025(1), 471.033(1)(f), (g), (2) FS. History—New 1-8-80, Amended 6-23-80, 3-23-81, 6-4-85, Formerly 21H-19.01, Amended 5-14-86, 4-23-87, 11-8-88, 1-11-89, 7-3-90, 11-9-92, Formerly 21H-19.001, Amended 11-27-94, 5-20-02, 9-5-16, 12-29-19, 4-19-23.

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NOTICE: 24862281

EFFECTIVE DATE: 08/22/2021

RULE NO.: 61G15-19.004

PURPOSE AND EFFECT: The purpose of the amendment is to clarify the rule text.

SUMMARY: Substantial rewrite of rule text.

61G15-19.004 Disciplinary Guidelines; Range of Penalties; Aggravating and Mitigating Circumstances.

(1) No change.

(2) The following disciplinary guidelines shall be followed by the Board in imposing disciplinary penalties upon licensees for violation of the below mentioned statutes and rules. For the purposes of this rule, the descriptions of the violations are abbreviated and the full statute or rule cited should be consulted to determine the prohibited conduct.

VIOLATION	PENALTY RANGE		
	FIRST VIOLATION	SECOND VIOLATION	THIRD OR SUBSEQUENT VIOLATIONS
(a) No change.			
(b) Attempting to procure a license by bribery, fraudulent misrepresentation, or error of the Board or Department. (Sections 471.033(1)(b) and 455.227(1)(h), F.S.)	\$5,000 fine and permanent revocation or denial of license (minimum and maximum same); in the case of fraud, the fine is \$10,000.		
(c) through (e) No change.			
(f) Fraudulent, false, deceptive or misleading advertising. (Sections 471.033(1)(f),	Reprimand, completion of Basic Engineering Ethics Course, \$1,000 fine and one (1) year probation to \$2,500	Reprimand, completion of Intermediate Engineering Ethics course, \$2,500 fine, two	\$5,000 fine and Revocation. In the case of fraud, the fine is \$10,000.

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F.S., and subsection 61G15-19.001(2), F.A.C.)	fine and one (1) year suspension followed by one (1) year probation. In the case of fraud, the fine is \$10,000.	(2) years' suspension followed by two (2) years' probation to \$5,000 fine and five (5) years' suspension followed by five (5) years' probation. In the case of fraud, the fine is \$10,000.	
(g) Fraud, deceit, negligence, incompetence or misconduct. (Sections 471.033(1)(g) and 455.227(1)(a), (m), F.S.)			
1. Fraud or deceit.	Reprimand, completion of Basic Engineering Ethics Course, \$1,000 fine and two (2) years' probation to one (1) year suspension followed by one (1) year probation and \$5,000.00 fine. In the case of fraud, the fine is \$10,000.	Reprimand, completion of Intermediate Engineering Ethics Course, one (1) year suspension followed by one (1) year probation and \$2,500 fine to five (5) years' suspension followed by five (5) years' probation and a \$5,000 fine. In the case of fraud, the fine is \$10,000.	\$5,000 fine and Revocation. In the case of fraud, the fine is \$10,000.
2.a. through 4.i. No change.			
(h) through (m) No change.			

(3) through (6) No change.

Rulemaking Authority 455.227, 455.2273, 471.008, 471.031, 471.033 FS. Law Implemented 455.227, 455.2273, 455.2277, 471.031, 471.033 FS. History—New 1-7-87, Formerly 21H-19.004, Amended 11-27-94, 5-22-01, 11-15-01, 5-20-02, 11-21-06, 2-21-10, 9-5-16, 12-29-19, 8-22-21.

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NOTICE:	24862378
EFFECTIVE DATE:	08/22/2021
RULE NO.:	61G15-19.0051
PURPOSE AND EFFECT:	The purpose of the amendment is to clarify, update and add to the rule text.
SUMMARY:	Update rule text.

61G15-19.0051 Notice of Noncompliance.

(1) As specified in paragraph 120.695(2)(b), F.S., minor violations of rules are violations that do not result in economic or physical harm to a person or adversely affect the public health, safety, or welfare or create a significant threat of such harm. Accordingly, as provided in paragraph 120.695(2)(a), as an alternative to investigation and prosecution, when a complaint is received, FEMC shall provide a licensee with a notice of noncompliance for an initial offense for the following violations:

(a) through (b) No change.

~~(c) Licensee practicing through a business organization that is not properly qualified with the Board for less than one month.~~

(d) through (j) renumbered as (c) through (i) No change.

~~(k) Licensee's first time failure to properly register OR qualify a business entity as required by section 471.023, F.S.~~

~~(l)(j) From June 29, 2021 the effective date of the rule amendment until December 31, 2022, a first time failure to properly sign and seal an Electronic Multidimensional Model submitted as Final Work Product – subsection 61G15-23.001(5)(4), F.A.C.~~

(2) through (3) No change.

Rulemaking Authority 455.225 FS. Law Implemented 120.695, 455.225(3)(a) 455.224 FS. History—New 4-2-00, Amended 5-5-10, 8-26-13, 12-31-17, 5-8-18, 12-29-19, 5-17-20, 8-22-21.

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NOTICE:	26129295
EFFECTIVE DATE:	08/15/2022
RULE NO.:	61G15-19.0071
PURPOSE AND EFFECT:	The purpose of the amendments is to remove unnecessary or confusing text from rule.
SUMMARY:	To remove text regarding Notice of Compliance in paragraph

61G15-19.0071 Citations.

(1) through (2) No Change.

(3) The following violations with accompanying fines may be disposed of by citation:

(a) through (b) No Change.

(c) Business organization practicing without being properly qualified with the board more than one monther ~~if a Notice of Noncompliance has previously been issued for the same offense.~~ The fine shall be \$100 for each month or fraction thereof. (See Section 471.023, F.S.)

(d) through (n) No Change.

(4) through (8) No Change.

Rulemaking Authority 455.224, 455.225, 455.228(3)(a) FS. Law Implemented 455.224, 455.227, 455.228(3)(a), 471.023, 471.033 FS. History—New 4-2-00, Amended 9-26-05, 8-26-13, 12-29-19, 5-17-20, 11-2-20, 8-22-21, 8-15-22.

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NOTICE:	25641676
EFFECTIVE DATE:	03/23/2022
RULE NO.:	61G15-19.008
PURPOSE AND EFFECT:	The purpose of the amendment is to clarify other types of structures
SUMMARY:	Update Rule Text

61G15-19.008 Confidentiality of Investigations.

The following violations have been deemed to involve the potential for substantial physical or financial harm to the public:

(1) Negligence, as defined in subsection 61G15-19.001(4), F.A.C., or misconduct, as defined in subsection 61G15-19.001(6), F.A.C., involving either threshold buildings as defined in Section 553.71(12), F.S.; or the collapse or major damage to any structure; or leading to death or serious physical injury of any person.

(2) No later than 90 days prior to December 31, 2022, the Board shall review and amend, modify, or sunset this rule if it determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2022.

Rulemaking Authority 471.038(7) FS. Law Implemented 471.038(7) FS. History--New 5-20-02, Amended 6-5-12, 3-23-22.

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NOTICE:	26673853
EFFECTIVE DATE:	01/18/2023
RULE NO.:	61G15-20.008
PURPOSE and EFFECT	The Board proposes to update the rule language and incorporate material to expand the types of “course credit equivalencies” that may be used to resolve educational deficiencies.
SUMMARY:	The proposed rule amendment clarifies the rule language and incorporate material for “course credit equivalencies” that may be used to resolve educational deficiencies.

61G15-20.007 Educational Requirements for Applicants without EAC/ABET Accredited Engineering Degrees

- (1) No Change.
- (2) Credit By Examination and College Courses.

(a) Deficiencies in Mathematics and Basic Sciences and/or General Education required by paragraphs (1)(a) and (1)(b), above, may be satisfied by passage of an examination identified on the “Articulation Coordinating Committee Credit-By-Examination Equivalencies” (Rev 09/2022) list incorporated by reference in State Board of Education Rule 6A-10.024(8)(a), F.A.C., ~~Articulation Between And Among Universities, Florida Colleges, and School Districts (09/22)~~, which is hereby incorporated by reference herein and which may be obtained at <https://www.flrules.org/Gateway/reference.asp?No=Ref->

1. Credit will only be given for exams in courses that meet the requirements of paragraphs (1)(a) or (1)(b), above.

2. For credit to be given, the applicant shall achieve a passing score as identified on the list.

3. Three (3) credit hours shall be granted for each exam, unless the applicant provides evidence that a college or university with an EAC/ABET-accredited engineering program will grant more credit.

- (b) No Change.

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(3) through (6) No Change.

Rulemaking Authority 471.008, 471.013 FS. Law Implemented 471.013, 471.015 FS. History—New 7-20-95, Amended 6-5-96, 4-16-98, 1-17-99, 7-28-99, 1-6-02, 6-13-02, 6-30-02, 10-2-03, 6-16-04, 3-13-05, 5-1-05, 6-11-06, 1-29-07, 4-9-07, 1-31-08, 10-15-09, 11-27-11, 2-4-13, 3-17-16, 4-19-18, 12-29-19, 5-27-20, 1-18-23.

61G15-20.008 Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Technology Degrees

(1) No Change.

(2) Credit By Examination and College Courses.

(a) Deficiencies in Mathematics and Basic Sciences and/or General Education required by paragraphs (1)(a) and (1)(b), above, may be satisfied by passage of an examination identified on the “Articulation Coordinating Committee Credit-By-Examination Equivalencies” (Rev 09/2022) list incorporated by reference in State Board of Education Rule 6A-10.024(8)(a), F.A.C., ~~Articulation Between And Among Universities, Florida Colleges, and School Districts (09/22), which is hereby incorporated by reference herein and which may be obtained at~~ <https://www.flrules.org/Gateway/reference.asp?No=Ref->

1. Credit will only be given for exams in courses that meet the requirements of paragraphs (1)(a) or (1)(b), above.

2. For credit to be given, the applicant shall achieve a passing score as identified on the list.

3. Three (3) credit hours shall be granted for each exam, unless the applicant provides evidence that a college or university with an EAC/ABET-accredited engineering program will grant more credit.

(b) No Change.

(3) through (6) No Change.

Rulemaking Authority 471.008, 471.013(1) FS. Law Implemented 471.013(1) FS. History—New 12-29-19, 1-18-23.

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NOTICE:	26715854
EFFECTIVE DATE:	01/13/2023
RULE NO.:	61G15-20.0011
PURPOSE AND EFFECT:	The Board proposes the rule amendments to address JAPC concerns and public comments received regarding Structural Engineering Recognition Program for Professional Engineers.
SUMMARY:	The proposed rule amendment clarifies and updates the rule language for Structural Engineering Recognition Program for Professional Engineers.

61G15-20.0011 Structural Engineering Recognition Program For Professional Engineers.

Pursuant to Section 471.055, F.S., the Board establishes the following minimum requirements for Florida licensed professional engineers who specialize in structural engineering and who have exceeded required minimum professional engineer licensing standards in that specialty area to receive recognition through the Structural Engineering Recognition Program for Professional Engineers.

(1) Any professional engineer currently licensed in good standing in the state of Florida who desires Recognition as a Structural Engineer in Florida shall submit a request ~~an online form~~ to the Board. A printable online request may be found ~~The form is located~~ on the board's website at www.FBPE.org/FBRSE. The Board shall Recognize only those applicants who have completed the online request ~~form~~, including submission of required documentation, and who have demonstrated to the Board that they have:

(a) through (d) No Change.

(e) Held active license(s) or registration(s) (as applicable) in any single or combination of US Jurisdictions and:

1. Has at least five (5) years of experience after licensure as a Professional Engineer in any jurisdiction(s) designing significant structural engineering projects. For purposes of this rule, "significant structural engineering projects" is defined as the design of structural components and structural systems of any of the following:

a. Buildings three or more stories or greater.

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~~b. Buildings with an occupancy greater than 250 persons.~~

bc. Risk Category III or IV buildings, as defined by Table 1604.5 RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES in the current Florida Building Code in effect at the time of application or equivalent classification in another jurisdiction.

cd. Vehicular Bridges designed to the standards of the Federal Highway Administration or a state equivalent.

2. through 3. No Change.

(f) No Change.

(2) through (3) No Change.

(4) Upon submission of the request~~online form~~, the Board will timely notify an applicant of any documentation and/or information that is required to complete the request.

(a) through (b) No Change.

(5) No Change.

Rulemaking Authority 471.055 FS. Law Implemented 471.055 FS. History—New 8-25-22, 1-13-23

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NOTICE:	26129392
EFFECTIVE DATE:	08/15/2022
RULE NO.:	61G15-20.0015
PURPOSE AND EFFECT:	The purpose of the amendments is to update the rules to revise language, including proper incorporation of applications to address JAPC comments.
SUMMARY:	Update and revise rule text with correct address, application, and update referenced materials.

61G15-20.0015 Application for Certification as Engineering Intern.

(1) Any person desiring to be certified as an engineering intern in this state shall submit an application to the Board. The application FBPE/003 (09/19), entitled "Application For Engineer Intern Certification," is hereby incorporated by reference and may be obtained from the Board office at 2400 Mahan Drive, Tallahassee, Florida 32308; the Board's website at <http://www.fbpe.org/licensure/application-process> or at <http://www.flrules.org/Gateway/reference.asp?No=Ref-11408>. The Board shall certify applicants who have completed the application form, remitted the application fee(s) required by Chapter 61G15-24, F.A.C., achieved a passing score on the Fundamentals of Engineering (FE) Examination and Florida Study Guide, and have graduated from, "a Board approved engineering program" as defined by subsection 61G15-20.001(2), F.A.C.

(2) Upon submission of an application, the Board will timely notify an applicant of any apparent errors or omissions, or any additional information which is required to complete the application. All errors and omissions, and any additional information, must be submitted before the application can be presented to the Board for review, unless the applicant notifies the Board to process the application as submitted. If an applicant fails to correct any errors or omissions, or supply any requested information, within one (1) year of notification, the application will be presented to the Board for review and decision on the application as submitted.

Rulemaking Authority 471.008, 471.013 FS. Law Implemented 471.013 FS. History—New 9-27-01, Amended 4-9-07, 10-15-09, 11-16-10, 9-14-14, 7-7-15, 11-2-15, 3-19-17, 6-24-18, 12-18-18, 12-29-19, 8-15-22.

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NOTICE:	26028318
EFFECTIVE DATE:	07/18/2022
RULE NO.:	61G15-20.0017
PURPOSE AND EFFECT	The purpose of the amendments are to update the rules to revise language, including proper incorporation of applications.
SUMMARY:	Update and revise rule text with correct address and application.

61G15-20.0017 Application for Retired Status.

(1) A person wishing to apply for Retired Status shall submit a completed application to the Board. The instructions and application Form FBPE/005(Rev. 04/2022), entitled "Application For Retired Status," which is incorporated by reference at <https://www.flrules.org/Gateway/reference.asp?No=Ref-14536>, copies of which may be obtained from the Board office at 2400 Mahan Drive, Tallahassee, Florida 32308 or from the Board's website at <http://www.fbpe.org/licensure/application-process>. The Board shall certify as eligible for Retired Status any applicant who has completed the application form and who has chosen to relinquish or not to renew his or her license, unless disciplinary proceedings are pending against the applicant at the time of application for retired status.

(2) Engineers who have been approved for Retired Status shall be carried on the records of the Board as "P.E., Retired."

(3) Engineers on Retired Status may use the term "Professional Engineer, Retired" or "P.E., Retired;" however, such engineer shall refrain from the active practice of engineering and the use of his or her seal. Any engineer in Retired Status who wishes to become active shall make application for licensure and meet the licensure criteria in effect at the time of application.

(4) No later than 90 days prior to December 31, 2026, the Board shall review and amend, modify, or sunset this rule if it determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.

Rulemaking Authority 471.008 FS. Law Implemented 471.005(10), 471.017(3) FS. History—New 9-27-01, Amended 7-18-22.

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NOTICE: 26673853

EFFECTIVE DATE: 01/18/2023

RULE NO.: 61G15-20.008

PURPOSE AND
EFFECT:

The Board proposes to update the rule language and incorporate material to expand the types of “course credit equivalencies” that may be used to resolve educational deficiencies.

SUMMARY:

The proposed rule amendment clarifies the rule language and incorporate material for “course credit equivalencies” that may be used to resolve educational deficiencies.

61G15-20.008 Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Technology Degrees.

(1) Applicants having a baccalaureate degree in engineering technology from programs that are not accredited by ETAC/ABET must demonstrate:

(a) A minimum of 24 college semester credit hours of higher mathematics and basic sciences. Credit hours may be substituted with engineering science courses that are not used to satisfy the requirements of paragraph (1)(c).

1. A minimum of 9 semester hours of mathematics which must be beyond algebra and trigonometry and must emphasize mathematical concepts and principles rather than computation. Courses in differential calculus and integral calculus are required. Additional courses may include differential equations, linear algebra, numerical analysis, probability and statistics, and advanced calculus. Computer skills and/or programming courses cannot be used to satisfy mathematics requirements.

2. A minimum of 12 semester hours in basic sciences, which must include at least three courses. These courses must be in general chemistry, calculus-based physics, biological sciences, or earth sciences (geology, ecology, or oceanography), but no more than two of the three courses may be in the same area. For an applicant who has earned both a baccalaureate degree in engineering technology and a graduate degree in engineering, only two courses are required. Additional courses towards the requisite 24 semester hours of mathematics and basic sciences may include physical science, natural science, and/or an advanced science. Computer skills and/or programming courses cannot be used to satisfy basic science requirements.

(b) A minimum of 9 college semester credit hours in general education. Examples of

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acceptable courses include philosophy, religion, history, literature, fine arts, sociology, psychology, political science, anthropology, economics (micro and macro), professional ethics, and social responsibility. Examples of other general education courses deemed acceptable include management (such as organizational behavior), accounting, written and oral communications, business, and law. No more than 6 credit hours can come from courses in management, accounting, business, or law. Courses in engineering economics, engineering management, construction management, systems engineering/analysis, production, or industrial engineering/management will not be counted. Up to 6 credit hours of languages other than the applicant's native language are acceptable for credit. English and foreign language courses in literature and civilization may be considered in this area. Courses that instill cultural values are acceptable. Other means towards satisfying the general education requirement are as follows: Earning a doctoral degree is equivalent to 10 credit hours if the degree is from a college or university in the U.S. that has an EAC/ABET-accredited engineering or ETAC/ABET engineering technology program in a related discipline at the baccalaureate level.

(c) A minimum of 40 college semester credit hours of engineering technology, engineering science, or engineering design taught within the college or by the faculty of engineering. Examples of approved engineering technology courses are mechanics, thermodynamics, heat transfer, electrical and electronic circuits, materials science, transport phenomena, engineering economics, and computer science (other than computer programming skills). Courses in engineering design stress the establishment of objectives and criteria, synthesis, analysis, construction, testing, and evaluation. All engineering course work should incorporate hands-on laboratory work as described in ETAC/ABET criteria, and shall contain a sufficiently designed engineering technology program to provide minimal competency in the use of engineering algorithms and procedures. Graduate-level engineering courses may be included to fulfill curricular requirements in this area. A maximum of six credit hours will be granted for thesis, dissertation, special topics and independent study at any level. Graphics or surveying courses will not be considered to meet engineering technology, science and design requirements. Cooperative training, practicums, internships, and continuing education activities will not receive credit.

(2) Credit By Examination and College Courses.

(a) Deficiencies in Mathematics and Basic Sciences and/or General Education required by paragraphs (1)(a) and (1)(b), above, may be satisfied by passage of an examination identified on the "Articulation Coordinating Committee Credit-By-Examination Equivalencies" (Rev 09/2022) list incorporated by reference in State Board of Education paragraph 6A-10.024(8)(a), F.A.C., and which may be obtained at <https://www.flrules.org/Gateway/reference.asp?No=Ref-15006>.

1. Credit will only be given for exams in courses that meet the requirements of paragraph (1)(a) or (1)(b), above.

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2. For credit to be given, the applicant shall achieve a passing score as identified on the list.

3. Three (3) credit hours shall be granted for each exam, unless the applicant provides evidence that a college or university with an EAC/ABET or ETAC/ABET accredited engineering program will grant more credit.

(b) College- or university-level courses can also be taken to satisfy deficiencies. Credit shall not be given for a college or university course or credit-by-examination exam if credit in a similar course or exam has already been earned.

(3) An applicant with an engineering technology degree from a non-ETAC/ABET-accredited degree program must request an evaluation of his or her credentials through Josef Silny & Associates, Inc., International Education Consultants, 7101 SW 102 Avenue, Miami, FL 33173.

(4) The FBPE education committee shall make the final decision regarding equivalency of education credentials and shall make recommendations to the Board as to whether an applicant shall be approved for admittance to the examination or for licensure by endorsement. The applicant requesting an equivalency determination by the Board bears the burden of presenting evidence regarding equivalency to the Board.

(5) Credit toward meeting the education requirements will only be given for coursework with a Grade of 'C' or better.

(6) This rule shall be reviewed, and if necessary, repealed, modified, or renewed through the rulemaking process five years from the effective date.

Rulemaking Authority 471.008, 471.013(1) FS. Law Implemented 471.013(1) FS. History—New 12-29-19, Amended 5-27-20, 1-18-23.

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NOTICE:	25350094
EFFECTIVE DATE:	12/27/2021
RULE NO.:	61G15-22.0002
PURPOSE AND EFFECT:	Update
SUMMARY:	Update

61G15-22.0002 Licensure Change of Status, Reactivation; Reinstatement of Void Licenses.

(1) Active to Inactive Licensure Status Change. Licensees may inactivate their license and change their licensure status from active to inactive by remitting to FEMC a completed Change of Status Application, Form FBPE/023, 09/19, and the fee specified by Rule 61G15-24.001, F.A.C. The application form FBPE/023 is incorporated by reference herein and may be obtained from www.fbpe.org/index.php/licensure/other-forms or at <https://www.flrules.org/Gateway/reference.asp?No=Ref-11355>.

(2) Reactivation of Inactive Licenses. Licensees may reinstate an inactive license and change their licensure status from inactive to active by remitting to FEMC a completed Change of Status Application, referenced in subsection (1), the fee specified by Rule 61G15-24.001, F.A.C., and proof of completion of eighteen (18) hours of continuing education obtained within the two (2) years immediately prior to application and in compliance with subsection 61G15-22.001(1), F.A.C.

(3) Reinstatement of Void Licenses. Persons previously licensed as professional engineers in Florida may not re-apply for licensure by examination or by endorsement pursuant to Section 471.013 or 471.015, F.S. Rather, pursuant to Sections 455.271(6) and 471.019, F.S., any person previously licensed as a professional engineer in Florida whose Florida license has become void must apply for reinstatement of the previous license. Application for reinstatement shall be made on form FBPE/023, Change of Status Application, referenced in subsection (1). In addition to a completed application form, all applications for reinstatement shall be accompanied by the following.

(a) The fees specified by Rule 61G15-24.001, F.A.C.;

(b) Documentation of satisfaction of any disciplinary obligations imposed against the void license;

(c) Passage of the Board's Laws and Rules Study Guide as detailed in Rule 61G15-20.0016, F.A.C.; and

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(d) Documentation of one of the following:

1. Current active practice as a professional engineer in another U.S state or territory. Such documentation shall include verification of active licensure in good standing and compliance with such state or territory's continuing education requirements; or

2. Applicants not currently in active practice as a professional engineer must provide proof of completion of thirty-six (36) hours of Board approved continuing education, including two (2) hours of professional ethics and a one (1) hour course in Florida Laws and Rules. With the exception of the one (1) hour Florida Laws and Rules course, which can be taken online, the remaining thirty-five (35) hours must be either in-person or synchronous live streaming/videoconference/interactive webinar OR obtained through distance learning CE courses provided by a national or Florida statewide engineering society or association pursuant to Rule 61G15-22.011, F.A.C.; other online or distance learning courses will not be accepted.

(4) No later than 90 days prior to December 31, 2026, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration in this rule December 31, 2016.

Rulemaking Authority 455.271, 471.008, 471.019 FS. Law Implemented 455.271, 471.019 FS. History—New 8-1-02, Amended 2-27-17, 12-29-19, 12-27-21.

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NOTICE: 24336056

EFFECTIVE DATE: 04/04/2021

RULE NO.: 61G15-22.008

PURPOSE AND EFFECT: The purpose of the amendment is to repeal the rule, the subject matter is contained in 61G15-22.006(3), F.A.C.

SUMMARY: To repeal the rule

61G15-22.008 Record Keeping.

Rulemaking Authority 471.008, 471.017(3) FS. Law Implemented 471.017(3) FS. History—New 9-16-01, Amended 2-18-16, Repealed 4-4-21.

NOTICE: 26720122

EFFECTIVE DATE: 02/01/2023

RULE NO.: 61G15-22.009

PURPOSE AND EFFECT: The Board proposed the rule amendment to amend the rule and clarify that all new licensees are exempt from renewal requirements in the first biennium after Florida licensure.

SUMMARY: The proposed rule amendment clarifies and updates the rule language for Exemptions from Continuing Education Requirements.

61G15-22.009 Exemptions from Continuing Education Requirements.

(1) Licensees who have become licensed in Florida during the current biennium shall be exempt from continuing education requirements except for the requirement of Section 471.0195, F.S., regarding Advanced Building Code training and the Florida-approved Laws and Rules and Professional Ethics hours required by paragraphs 61G15-22.001(1)(a) and (b), F.A.C.

(2) Any licensee whose license is placed in retired status shall be exempt thereafter.

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(3) Any licensee whose license is placed in inactive status, for so long as it remains inactive.

(4) Any licensee who is a member of the United States Armed Forces and maintains Florida licensure pursuant to Section 455.02, F.S.

(5) This rule shall be reviewed, and if necessary, repealed, modified, or renewed through the rulemaking process five years from the effective date.

Rulemaking Authority 455.213(7), 471.017(3), 471.019 FS. Law Implemented 455.213(6), 455.2179, 471.017(3) FS. History--New 9-16-01, Amended 12-29-19, 11-16-20, 2-1-23.

NOTICE:	25211772
EFFECTIVE DATE:	11/15/2021
RULE NO.:	61G15-23.001
PURPOSE AND EFFECT:	The purpose of the amendment is to update the requirements to conform with the individual rules.
SUMMARY:	Conform the requirements regarding signing and sealing as to the individual rules.

61G15-23.001 Signature, Date and Seal Shall Be Affixed.

(1) through (3) No change.

(4) Additional Requirements for Plans or Prints, Engineering Specifications and Calculations, and Engineering Reports or Other Documents. When an engineer signs, dates and seals any of the following types of documents plans or prints under the provisions of Section 471.025, F.S., and subsection (1) of this rule, the following additional information must be included:

(a) No change.

(b) Engineering Specifications and Calculations. An index sheet shall be used and shall be signed, dated and sealed by each professional engineer who is in responsible charge of any portion of the engineering specifications or calculations.

1. No change.

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2. The index sheet shall include at a minimum:

a. through c. No change.

d. ~~Identification of the applicable building code and chapter(s) and Florida Fire Prevention Code, when applicable, that the design is intended to meet.~~

e. Identification of any computer program used for engineering the specifications or calculations.

(c) through (d) No change.

(5) No change.

(6) As detailed in Rule 61G15-30.003(1)(b), F.A.C., signed and sealed documents are presumed to comply with all applicable codes and standards in effect at the time of sealing. Unless the documents are amendments to documents previously signed and sealed by the engineer, and that fact is clearly noted at the time of submission, the licensee must affirmatively indicate on the documents any other edition of a code or standard, other than those currently in effect, with which the licensee intends the documents to comply.

Rulemaking Authority 471.008, 471.025 FS. Law Implemented 471.025, 471.033(1)(a), (e), (j) FS. History—New 1-8-80, Amended 6-23-80, Formerly 21H-23.01, 21H-23.001, Amended 4-1-97, 2-5-04, 8-8-05, 11-16-09, 2-2-12, 11-3-15, 10-26-16, 12-29-19, 6-29-21, 11-15-21.

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NOTICE:	26439889
EFFECTIVE DATE:	10/30/2022
RULE NO.:	61G15-26.001
PURPOSE AND EFFECT:	The purpose of the amendments is to revise and update the rule in regards of public comment made regarding current rule restrictions.
SUMMARY:	Update language and incorporate new application.

61G15-26.001 Standards for Supervision of Governmental Employees by Professional Engineers.

(1) No Change.

(2) This rule shall be reviewed, and if necessary, repealed, modified, or renewed through the rulemaking process five years from the effective date~~No later than 90 days prior to December 31, 2026, the Board shall review and amend, modify, or sunset this rule if it determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.~~

Rulemaking Authority 471.003(2)(b)2. FS. Law Implemented 471.003(1), (2)(b)2., (e), 471.005(7)(6), 471.025(1), 471.023(1), 471.031(1)(b) FS. History—New 4-2-87, Formerly 21H-26.001, 10-30-2022

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NOTICE:	25129516
EFFECTIVE DATE:	10/25/2021
RULE NO.:	61G15-31.003
PURPOSE AND EFFECT:	The purpose of the amendment is to update the incorporated reference
SUMMARY:	Update rule text regarding standards from new copywrite material for reference

61G15-31.003 Design of Structures Utilizing Prefabricated Wood Trusses

(1) When a Structural Engineer of Record and a Delegated Engineer exist as may be determined by applicable Florida law, the apportionment of responsibilities between the Structural Engineer of Record and a Delegated Engineer shall be as set forth in Chapter 2 of ANSI/TPI 1-2014, National Design Standard for Metal Plate Connected Wood Truss Construction, which standard is incorporated herein by reference, wherein the Structural Engineer of Record is the Building Designer and the Delegated Engineer is the Truss Designer as those terms are defined in said standard. The material incorporated is copyrighted material and may be ordered from the Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf MD 20601; it is also ~~that is~~ available for public inspection and examination, but may not be copied, at the Department of State, Administrative Code and Register Section, Room 701, The Capitol, Tallahassee, Florida 32399-0250, and at the Board office, 2400 Mahan Drive ~~2639 North Monroe Street, Suite B-112~~, Tallahassee, FL 32303.

(2) through (5) No change.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033(1)(g) FS. History—New 1-26-93, Formerly 21H-31.003, Amended 6-16-99, 3-21-01, 4-30-03, 10-25-21.

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NOTICE:	Pending
EFFECTIVE DATE:	08/22/2021
RULE NO.:	61G15-31.006
PURPOSE AND EFFECT:	Update
SUMMARY:	Update

61G15-31.006 Design of Structural Systems Utilizing Open Web Steel Joists and Joist Girders.

(1) The Engineer of Record shall indicate on the Structural Engineering Documents the steel joist and joist girder designations as required in Section 2207 of the Florida Building Code, Building, which is incorporated by reference in subsection 61G15-18.011(6), F.A.C., and shall indicate the appropriate standards for joist and joist girder design, layout, end supports, anchorage, bridging requirements, etc., including connections to walls. These documents shall indicate special requirements for concentrated loads, non-uniform loads, openings, extended ends, and resistance to uplift loads.

(2) The Engineer of Record is responsible for reviewing the steel joist and joist girder manufacturer's designs, as required in subsection (1), above, per the Engineer of Record's specified joist and joist girder designations and/or special loading diagrams, as set forth in Structural Engineering Documents. The Engineer of Record may require the submission of the steel joist and joist girder design calculations as an indication of compliance. When required to submit the steel joist and joist girder calculations, the Engineer of Record shall require the steel joist and joist girder manufacturer to submit a cover letter along with the steel joist and joist girder design calculations. The cover letter shall bear the seal and signature of a Florida registered professional engineer responsible for design of the steel joist and joist girders.

(3) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Authority 471.033(2), 471.008 FS. Law Implemented 471.033(1)(g), (j) FS. History--New 1-26-93, Formerly 21H-31.006, Amended 10-19-97, 1-4-16, 8-22-21.

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NOTICE: 27007048

EFFECTIVE DATE: 03/31/2023

RULE NO.: 61G15-32.004

PURPOSE AND EFFECT: The Board proposed the rule amendment to update and clarify the rule language regarding the design of various fire systems.

SUMMARY: The proposed rule amendment clarifies and updates the rule language regarding the design of various fire systems.

61G15-32.004 Design of Water Based Fire Protection Systems.

(1) through (6) No Change.

(7) This rule shall be reviewed, and if necessary, repealed, modified, or renewed through the rulemaking process five years from the effective date~~No later than 90 days prior to December 31, 2026, the Board shall review and amend, modify, or sunset this rule if it determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.~~

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033(2) FS. History—New 5-19-93, Formerly 21H-32.004, Amended 4-2-00, 6-26-01, 6-15-15, 8-24-16, 7-25-19, 3-23-22.

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NOTICE:	25641870
EFFECTIVE DATE:	03/23/2022
RULE NO.:	61G15-32.008
PURPOSE AND EFFECT:	The purpose of the amendment is to update rules regarding responsibility.
SUMMARY:	Update rule text to match other rules in Chapter 32.

61G15-32.008 Design of Fire Alarms, Signaling Systems, and Control Systems.

(1) through (2) No change.

(3) For Engineering Documents pertaining to Fire Protection Systems exempted by the threshold requirements for mandatory use of professional engineering services, the Engineer of Record shall determine the level of detail shown on plans for a Fire Protection system. All such plans shall include a disclaimer stating the Fire Protection system is exempt from professional engineering services and shall provide a clear understanding of the minimum system requirements expected to be installed by the contractor and permitted by the authority having jurisdiction (AHJ). In the event the Engineer of Record provides more information and direction than is minimally required, he or she shall be held responsible for the technical accuracy of the work in accordance with applicable codes, standards, and sound engineering principles. For systems below the threshold requirements for mandatory use of professional engineering services, the Engineer of Record may specify the minimum system requirements only.

(4) through (7) No change.

(8) No later than 90 days prior to December 31, 2026, the Board shall review and amend, modify, or sunset this rule if it determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 5-19-93, Formerly 21H-32.008, Amended 3-26-09, 3-28-17, 7-25-19, 3-23-22.

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NOTICE: 25211869

EFFECTIVE DATE: 11/15/2021

RULE NO.: 61G15-33.003

PURPOSE AND EFFECT: The purpose of the amendments is to update the required responsibility rules.

SUMMARY: Update the rule to correct some errors, omissions and inconsistencies.

61G15-33.003 Design of Power Systems.

(1) No change.

(2) For Engineering Documents pertaining to Electrical Systems exempted by the threshold requirements for mandatory use of professional engineering services established by paragraph 471.003(2)(h), F.S., the Engineer of Record shall determine the level of detail shown on plans for an Electrical system. All such plans shall include a disclaimer stating the Electrical systems are exempt from professional engineering services and shall provide a clear understanding of the minimum system requirements expected to be installed by the contractor and permitted by the authority having jurisdiction (AHJ). In the event the Engineer of Record provides more information and direction than its minimally required, he or she shall be held responsible for the technical accuracy of the work in accordance with applicable codes, standards, and sound engineering principles. Electrical Engineering Documents for power systems must include the following information, if applicable to the particular project:

(3) Electrical Engineering Documents for power systems that exceed the threshold requirements for mandatory use of professional engineering services must include the following information, if applicable to the particular project:

(a) through (l) No change.

(4) No later than December 31, 2026, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete,

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overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 5-19-93, Formerly 21H-33.003, Amended 11-13-08, 12-4-17, 11-15-21.

NOTICE:	24890605
EFFECTIVE DATE:	08/29/21
RULE NO.:	61G15-34.002
PURPOSE AND EFFECT:	The purpose of the amendment is to remove old text in reference.
SUMMARY:	Update rule text.

61G15-34.002 Definitions

(1) No Change.

(2) Codes and Standards. Those nationally recognized Codes and Standards adopted directly or by reference in Florida Building Code (including Florida Energy Efficiency Code, Chapter 13) and Florida Fire Prevention Code ~~set forth in Chapter 69A-60, F.A.C.~~, both of which are incorporated by reference through Rule 61G15-18.011, F.A.C.

(3) Through (14) No Change.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, Amended 2-5-96, 11-13-08, 4-25-21, 8-29-21.

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NOTICE:	26087682
EFFECTIVE DATE:	08/24/22
RULE NO.:	61G15-34.003
PURPOSE AND EFFECT:	The purpose of the amendments is to clarify the rule provisions apply to heating, ventilation, air conditioning, and refrigeration systems.
SUMMARY:	Update and revise to clarify the rule text.

61G15-34.003 Design of Heating, Ventilation, Air Conditioning, and Refrigeration Systems.

(1) Heating, Ventilating, and Air Conditioning and Refrigeration (HVACR) Systems include those systems that control the temperature, humidity, or indoor air quality of a particular space, building or network of buildings. Items to be considered in the design and analysis of HVACR systems are, as applicable to the particular project: peak and block load characteristics and capacities; minimum ventilation; filtration; heat or energy transfer; movement of air, water, or other fluids associated with HVACR processes; pressure drop; instrumentation and control; performance requirements; and installation requirements.

(2) The HVACR System(s) shall be based on and shall reference the Florida Building Code, the Florida Fire Prevention Code, any other applicable standards (such as ASHRAE, NFPA, ASME, ANSI, IIR, etc.); or if no other such standards are available on alternative engineering sources and good engineering practice.

(3) For Mechanical Engineering Documents pertaining to HVACR systems exempted by the threshold requirements for mandatory use of professional engineering services established by Section 471.003(2)(h), F.S., the Engineer of Record shall determine the level of detail shown on plans for HVACR systems. All such plans must include a disclaimer stating the HVACR systems are exempt from professional engineering services and shall provide a clear understanding of the minimum system requirements expected to be installed by the contractor and permitted by the authority having jurisdiction (AHJ). In the event the Engineer of Record provides more information and direction than is minimally required, he or she shall be held responsible for the technical accuracy of the work in accordance with applicable codes, standards and sound engineering principles.

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(4) Mechanical Engineering Documents pertaining to HVACR systems that exceed the threshold requirements for mandatory use of professional engineering services must include the following information, if applicable to the particular project:

(a) through (f) No change.

1. through 4. No change.

(g) through (m) No change.

(n) Materials for all HVACR systems shall be specified.

(o) through (r) No change.

1. through 2. No change.

(s) No change.

(5) No change.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, Amended 11-13-08, 4-25-21, 11-24-21, 8-24-22.

NOTICE:	24411037
EFFECTIVE DATE:	04/25/2021
RULE NO.:	61G15-34.005 - 0010
PURPOSE AND EFFECT:	The Board proposes a substantial rewrite to the rules.
SUMMARY:	Substantial rewrite to the language.

Substantial rewording of Rule 61G15-34.005 follows. See Florida Administrative Code for present text.

61G15-34.005 Design of Heat and Energy Transfer Systems.

(1) Heat and Energy Transfer Systems include those systems that transfer heat or energy from one fluid to another, as part of an industrial, commercial, or cogeneration process. Items to be included in the design and analysis of these systems are, as

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applicable to the particular project: load characteristics and capacities; process type; fluid type and characteristics; distribution of fluids; pressure drop; instrumentation and control; performance requirements; and installation requirements.

(2) The Heat and Energy Transfer System(s) shall be based on and shall reference the Florida Fire Prevention Code, any other applicable standards (such as ASHRAE, NFPA, ASME, ASSE, ANSI etc.), the Florida Building Code (where applicable); or if no other such standards are available on alternative engineering sources and good engineering practice.

(3) Mechanical Engineering Documents pertaining to Heat and Energy Transfer Systems must include the following information, if applicable to the particular project:

(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) Equipment schedule for each piece of mechanical equipment including, not limited to, pumps, fans, apparatuses, heat exchangers, or tanks. All equipment must include the following information, if applicable to the particular equipment.

1. Equipment efficiencies.
2. Electrical requirements based on voltage and phase.
3. Fuel requirements.
4. Heat transfer capacities.
5. Motor sizes and quantities.
6. Fluid flow and pressure head quantities.
7. Tank capacities for storage.

(c) Floor plans; site plans; and building and mechanical system sections or elevations as appropriate to provide the minimum system requirements expected to be installed by the contractor.

(d) Process schematic flow diagrams with pipe sizes and fluid flow quantities.

(e) System piping or ductwork layout, sizing, and insulation requirements.

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(f) Specific system design requirements to allow independent project review.

(g) Instrumentation and Control System requirements, unless included on either Electrical or on Instrumentation and Control plans to ensure intentional operation of the system.

(h) Required fire protection systems and devices.

(i) Materials for all Heat and Energy Transfer Systems shall be specified.

(j) All data needed to complete the calculations for compliance with Florida Building Code, Energy Conservation as applicable.

(k) A list, description, or details of through-penetration firestop systems as applicable.

(l) System commissioning requirements for demonstrating compliance with the Florida Building Code, Energy Conservation.

(4) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Specific Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, 4-5-21.

Substantial rewording of Rule 61G15-34.006 follows. See Florida Administrative Code for present text.

61G15-34.006 Design of Material and Human Transfer Systems.

(1) Material Transfer Systems are those systems that are designed to move materials or humans from one place to another as a part of an industrial or commercial process. Items to be included in the design and analysis of these systems are, as applicable to the particular project: load characteristics and capacities; material type and characteristics; elevator and conveyor types; ventilation requirements; instrumentation and control; performance requirements; and installation requirements.

(2) The Material Transfer System(s) shall be based on and shall reference the Florida Fire Prevention Code, any other applicable standards (such as ASHRAE, NFPA, ASME, ASSE, ANSI, etc.), the Florida Building Code (where applicable); or if no other

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such standards are available on alternative engineering sources and good engineering practice.

(3) Mechanical Engineering Documents pertaining to Material Transfer Systems must include the following information, if applicable to the particular project:

(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) Equipment selection schedule for each piece of mechanical equipment. All equipment must include the following information, if applicable to the particular equipment.

1. Elevator, conveyor, or vacuum type of conveyance system.
2. Electrical requirements based on voltage and phase.
3. Hydraulic requirements.
4. Motor sizes and quantities.
5. Material type, weight, and flow quantities.

(c) Floor plans; site plans; and building and mechanical system sections or elevations as appropriate to provide the minimum system requirements expected to be installed by the contractor.

(d) Process schematic flow diagrams with pipe sizes and fluid flow quantities.

(e) System conveyor and/or elevator layout.

(f) System piping or ductwork layout, sizing, and insulation requirements.

(g) Specific system design requirements to allow for independent project review.

(h) Instrumentation and Control System requirements, unless included on either Electrical or on Instrumentation and Control plans to ensure intentional operation of the system.

(i) Required fire protection systems and devices.

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(j) Materials for all Material Transfer Systems shall be specified.

(k) A list, description, or details of through-penetration firestop systems as applicable.

(4) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Specific Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, 4-5-21

Substantial rewording of Rule 61G15-34.007 follows. See Florida Administrative Code for present text.

61G15-34.007 Design of Plumbing Systems.

(1) Plumbing Systems are those systems within or adjacent to a building that convey fluids and gases in connection with sanitary drainage, storm drainage, specialty drainage, venting, water supply, water heating, vacuum, and compressed gases for medical and non-medical applications. Items to be considered in the design and analysis of plumbing systems are, as applicable to the particular project: load characteristics and capacities; distribution of fluids; pressure drop; instrumentation and control; performance requirements; and installation requirements.

(2) The Plumbing System(s) shall be based on and shall reference the Florida Building Code, the Florida Fire Prevention Code, applicable standards (such as ASHRAE, ASME, ASPE, ASSE, ANSI, NFPA, etc.); or on if no other such standards are available alternative engineering sources and good engineering practice.

(3) For Mechanical Engineering Documents pertaining to Plumbing Systems exempted by the threshold requirements for mandatory use of professional engineering services, the Engineer of Record shall determine the level of detail shown on plans for a plumbing system. All such plans shall include a disclaimer stating the Plumbing systems are exempt from professional engineering services and shall provide a clear understanding of the minimum system requirements expected to be installed by the contractor and permitted by the authority having jurisdiction (AHJ). In the event the Engineer of Record provides more information and direction than its minimally required, he or she shall be held responsible for the technical accuracy of the work in accordance with applicable codes, standards, and sound engineering principles.

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(4) Mechanical Engineering Documents pertaining to Plumbing Systems that exceed the threshold requirements for mandatory use of professional engineers services must include the following information, if applicable to the particular project:

(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) Equipment selection schedules for each piece of plumbing equipment, including but not limited to, plumbing fixtures, apparatuses, tanks, or drains. All equipment must include the following information, if applicable to the particular equipment:

1. Equipment efficiencies.
2. Electrical requirements based on voltage and phase.
3. Fuel requirements.
4. Fixture flow or flushing rates.
5. Fluid flow and pressure head quantities.
6. Heat transfer capacities.
7. Motor sizes and quantities.
8. Tank capacities for storage, expansion, or compression.
9. Interceptor and separator capacities.

(c) Floor plans, site plans, and building and plumbing system sections or elevations as appropriate to provide the minimum system requirements expected to be installed by the contractor.

(d) Isometric or riser diagram with pipe sizes as follows:

1. Potable water.
2. Sanitary and vent.
3. Storm water.
4. Other fluids and gases.

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(e) Piping layouts and sizing; and insulation requirements.

(f) Total or cumulative plumbing capacities as follows, either listed on the isometric or riser diagrams or in table form on the plans.

1. Total water supply fixture units and coincidental flow rate in gallons per minute.

2. Total drainage fixture units.

3. Cumulative area in square feet and coincidental flow rate in gallons per minute for each roof drain or storm drain. Total flow rate in gallons per minute for each storm water conductor discharging from the building.

(g) Design data for septic tank drain field sizing, when applicable.

(h) Portable water system design for minimizing bacteria growth (Legionella), based on heat, chemicals, or other means.

(i) Domestic hot water system design to prevent scalding, when applicable.
Designs shall include, but not be limited to:

1. Design temperatures.

2. Temperature monitoring points necessary to confirm temperatures throughout the system.

3. Mixing valves or temperature-limiting devices.

(j) Design shall be in accordance with requirements for accessibility by individuals with disabilities adopted by the authority having jurisdiction.

(k) Unless included on HVAC system plans, design for fuel gas system, including piping layout and sizes; isometric or riser diagram with pipe sizes; and fuel gas capacity and pressure for each pipe section.

(l) Instrumentation and Control requirements, unless included on either Electrical or on Instrumentation and Control.

(m) Identify and locate plumbing fixtures, valves, pumps, tanks, accessories, specialties, enclosures, and such equipment.

(n) Materials for all plumbing systems shall be specified.

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(o) All data needed to complete the calculations for compliance with Florida Building Code, Energy Conservation as applicable.

(p) A list, description, or details of through-penetration firestop systems as applicable.

(q) System commissioning requirements for demonstrating compliance with the Florida Building Code, Energy Conservation.

(5) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Specific Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, Amended 11-13-08, 4-5-21.

Substantial rewording of Rule 61G15-34.008 follows. See Florida Administrative Code for present text.

61G15-34.008 Design of Mechanical Machines and Motion Systems.

(1) Mechanical Machines and Motion Systems include any and all mechanical systems, devices, machines and equipment used by the public for conveyance, amusement, transportation, or facilitation of any process. These systems include elevators, escalators, moveable walkways, amusement park rides, etc. Items to be included in the design and analysis of these systems are, as applicable to the particular project: load characteristics and capacities; accessibility requirements for persons with disabilities; system type and characteristics; instrumentation and control; operating dynamics requirements; structural requirements; and installation requirements.

(2) The Mechanical Machines and Motion System(s) shall be based on and shall reference the Florida Building Code, the Florida Fire Prevention Code, any other applicable standards (such as ASHRAE, NFPA, ASME, ANSI, etc.); or if no other such standards are available on alternative engineering sources and good engineering practice.

(3) Mechanical Engineering Documents pertinent to Mechanical Machines and Motion Systems must include the following information, if applicable to the particular project:

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(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) Equipment schedule for each piece of mechanical equipment. All equipment must include the following information:

1. Elevator or conveyor type.
2. Electrical requirements based on voltage and phase.
3. Hydraulic requirements.
4. Motor sizes and quantities.
5. Gear and drive sizes.
6. System weight loading requirements.

(c) Floor plans; site plans; and building and mechanical system sections or elevations as appropriate to provide the minimum system requirements expected to be installed by the contractor.

(d) System schematic diagrams with sizes and fluid flow quantities.

(e) System piping or ductwork layout, sizing, and insulation.

(f) Specific system design requirements to allow for independent project review.

(g) Instrumentation and Control System requirements, unless included on either Electrical or on Instrumentation and Control plans to ensure intentional operation of the system.

(h) Required fire protection systems and devices.

(i) Materials for all Mechanical Machines and Motion Systems shall be specified.

(j) A list, description, or details of through-penetration firestop systems as applicable.

(k) Coordination with life safety means of egress requirements in NFPA 101.

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(4) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Specific Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, 4-5-21.

Substantial rewording of Rule 61G15-34.009 follows. See Florida Administrative Code for present text.

61G15-34.009 Design of Instrumentation and Control Systems.

(1) Instrumentation and Control Systems are used to automate processes; control and monitor HVAC, plumbing, or electrical systems; and monitor fire protection systems where applicable. Items to be included in the design of control systems are reliability of control of critical processes; design parameters of systems being controlled; safety of personnel; suitability of instruments and control devices in the environment in which they are to be installed; performance requirements; and installation requirements.

(2) The Instrumentation and Control System(s) shall be based on and shall reference the Florida Building Code, the Florida Fire Prevention Code, and another applicable standards (such as ASHRAE, NFPA, ASME, ASPE, ANSI, etc.); or if no other such standards are available on alternative engineering sources and good engineering practice.

(3) Mechanical Engineering Documents pertaining to Instrumentation and Controls Systems must include the following information, if applicable to the particular project.

(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) A description of the control systems functions, sequence of operation, or a functional diagram for each system to be controlled in order to provide the minimum functional requirements and as necessary for demonstrating compliance with the Florida Building Code, Energy Conservation.

(c) Materials for all instrumentation and control systems shall be specified.

(d) Floor plans, site plans, and building sections or elevations as appropriate showing the location of major control components.

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(e) Location of all instrumentation and control components shall be identified.

(f) System network architecture riser diagram for instrumentation and control systems.

(g) Control and Process System Diagrams.

(h) Electrical requirements including conductors and cables (may be on electrical drawings).

(i) All data needed to complete the calculations for compliance with Florida Building Code, Energy Conservation as applicable.

(j) A list, description, or details of through-penetration firestop systems as applicable.

(k) System commissioning requirements for demonstrating compliance with the Florida Building Code, Energy Conservation.

(4) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Specific Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History--New 11-16-94, 4-5-21.

61G15-34.010 Design of Fuel Gas Systems.

(1) Fuel Gas Systems include those systems that convey or utilize gaseous fuels as a source of potential energy as part of an energy transfer process, applying from the point of delivery up to and including the appliances and related accessories. Items to be considered in the design and analysis of fuel gas systems are, as applicable to the particular project: load characteristics and capacities; distribution of gases; pressure drop; instrumentation and control; performance requirements; and installation requirements.

(2) The Fuel Gas System(s) shall be based on and shall reference the Florida Building Code, the Florida Fire Prevention Code, any other applicable standards (such as NFPA, ASME, ANSI, etc.); or if no other such standards are available on alternative engineering sources and good engineering practice.

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(3) Mechanical Engineering Documents pertaining to Fuel Gas Systems must include the following information, if applicable to the particular project:

(a) Demonstrate and provide adequate information for the AHJ to determine compliance with codes and ordinances. These may include test methods and results or data and tabulations that are results of the design.

(b) Equipment selection schedule for each piece of fuel gas equipment, including but not limited to, pumps, apparatuses, or tanks. All equipment must include the following information, if applicable to the particular equipment:

1. Equipment efficiencies.
2. Electrical requirements based on voltage and phase.
3. Fuel requirements.
4. Motor sizes and quantities.
5. Fluid flow and pressure head quantities.
6. Tank capacities for storage.

(c) Floor plans; site plans; and building and mechanical system sections or elevations as appropriate to provide the minimum system requirements expected to be installed by the contractor.

(d) The Point of Delivery for the fuel gas system.

(e) Isometric or riser diagrams with sizes as follows:

1. Fuel gas piping.
2. Venting systems.

(f) Piping layouts and sizing.

(g) Total or cumulative fuel gas capacities and pressure for each pipe section either listed on the isometric or riser diagrams or in table form on the plans.

(h) Venting layout and sizing, based on natural, induced, or mechanical means, as necessary for demonstrating compliance with the Florida Building Code, Fuel Gas.

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(i) Design data for fuel tank sizing, when applicable.

(j) Instrumentation and Control requirements, unless included on either Electrical or on Instrumentation and Control plans.

(k) Identify and locate all fuel gas valves, pumps, tanks, accessories, specialties, enclosures, and such equipment.

(l) Materials for all fuel gas systems shall be specified.

(m) A list, description, or details of through-penetration firestop systems as applicable.

(4) No later than December 31, 2024, the Board shall review and consider amendment, modification, or repeal of this rule if review determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs.

Rulemaking Authority 471.008, 471.033(2) FS. Law Implemented 471.033 FS. History—New, _____.

NOTICE:	25686102
EFFECTIVE DATE:	04/05/2022
RULE NO.:	61G15-35.0021
PURPOSE AND EFFECT:	The purpose of the amendment is to update the SI/SI (Limited) to clarify new vs. existing buildings, experience, etc.
SUMMARY:	Update rule text.

61G15-35.0021 Definitions.

As used hereinafter in this chapter, the following words or phrases shall be defined as follows. The Board does not intend for these definitions to apply to any similar wording, term, role, or description outside of Chapter 471 or 553, F.S. or the Florida Building Code Section 110.8 Threshold Building; or as such term may be used by a local Authority Having Jurisdiction in local regulations, codes, or ordinances.

(1) through (5) No change.

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(6) “All Structural Components” shall mean each structural element necessary to the complete load path of the structure.

(7)(6) No later than 90 days prior to December 31, 2023, the Board shall review and consider amendment, ~~modify~~ ~~modification~~, or ~~sunset~~ ~~repeal~~ of this rule if ~~it~~ ~~review~~ determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2023.

Rulemaking Authority 471.008, 471.015(7) FS. Law Implemented 471.015(7), 553.79(5)(a) FS. History—New 3-28-21, 4-5-22.

NOTICE:	25686199
EFFECTIVE DATE:	04/05/2022
RULE NO.:	61G15-35.003
PURPOSE AND EFFECT:	The purpose of the amendment is to update the SI/SI (Limited) to clarify new vs. existing buildings, experience, etc.
SUMMARY:	Update rule text.

61G15-35.003 Qualification Program for Special Inspectors of Threshold Buildings and Special Inspectors of Threshold Buildings (Limited).

(1) Special Inspectors of Threshold Buildings: The minimum qualifying criteria for Special Inspectors of Threshold Buildings, also referred to as Threshold Inspectors, established by the Board shall be as follows:

(a) No change.

(b) Licensed professional engineers whose principal practice is structural engineering shall also have three (3) years of experience in performing structural field inspections on all structural components involved in the new construction of Threshold Buildings or equivalent pursuant to a threshold/special inspection plan relevant to the work performed and two (2) years of experience in the structural design of all structural components of new threshold buildings. For the purpose of these criteria, structural design and/or inspection shall mean the design and/or inspection of all structural components of the building under construction and shall not be limited to specific structural components only, such as foundations, prestressed or post-tensioned concrete, etc.

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(c) Licensed professional engineers whose principal practice is structural field inspections shall have five (5) years of experience in performing structural field inspections on the new construction of Threshold Buildings or equivalent pursuant to a threshold/special inspection plan relevant to the work performed and possess each of the certifications identified in paragraph 61G15-35.004(2)(f), F.A.C., at the time of application. In addition, the threshold/special inspection plan must be prepared by the Engineer of Record for the project.

(d) Design and/or inspection experience of restoration, repair or alteration of existing buildings is not creditable towards the design and inspection experience required for SI Certification.

(2) Special Inspectors of Threshold Buildings Limited

(a) No change.

(b) The minimum qualifying criteria for Threshold Inspectors (Limited) are established by the Board to be as follows:

1. Proof of current licensure in good standing as a licensed professional engineer in the State of Florida whose principal practice is structural engineering.

1. through 2. renumbered to 2. through 3. No change.

(3) Applications For Special Inspector of Threshold Buildings.

(a) The instructions and application form for Special Inspector, Form FBPE/006 (12/2149) is hereby incorporated by reference, "Application for Special Inspector Certification." Copies of Form FBPE/006 may be obtained from the Board office or by downloading it from the internet website www.fbpe.org/licensure/application-process or at <https://www.flrules.org/Gateway/reference.asp?No=Ref-11953>.

(b) No change.

(c) Applications shall contain the following basic information pertaining to the applicant:

1. through 2. No change.

3. A list of new construction projects submitted for experience credit.

a. Project descriptions. For each project identified, the following shall be clearly listed:

(I) though (III) No change.

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(IV) Whether the experience is claimed to be new construction or restoration/repair/alteration of existing threshold buildings.

b. Credible experience. The Board will only grant experience for work on new construction projects identified pursuant to sub-subparagraph (2)(c)3.a. For projects with overlapping time periods, the total amount of time claimed for all projects, including design and/or inspection activities, cannot exceed one hundred percent (100%) of the applicant's time during the period claimed. Experience is based on a forty (40) hour per week full time employment in engineering basis. No additional experience credit is allowed for overtime work in excess of 40 hours, nor is experience credit allowed during periods when the applicant was not employed full time in the practice of engineering (for example, construction management unrelated to design or inspection of the project).

c. No change.

4. through 6. No change.

(d) No change.

(4) Application for Special Inspectors of Threshold Buildings (Limited).

(a) The instructions and application form for Special Inspectors of Threshold Buildings (Limited), Form FBPE/011 (12/2120) is hereby incorporated by reference, "Application for Special Inspector of Threshold Building (Limited) Certification." Copies of Form FBPE/011 may be obtained from the Board office or by downloading it from the internet website www.fbpe.org/licensure/application-process or at <https://www.flrules.org/Gateway/reference.asp?No=Ref-12822>.

(b) No change.

(c) Applications shall contain the following basic information pertaining to the applicant:

1. through 2. No change.

3. A list of projects submitted for experience credit.

a. Project descriptions. For each project identified, the following shall be clearly listed:

(I) through (III) No change.

(IV) Whether the experience is claimed to be new construction or restoration/repair/alteration of existing threshold buildings.

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b. through c. No change.

4. through 6. No change.

(d) No change.

(5) through (6) No change

(7) No later than 90 days prior to December 31, 2023, the Board shall review and ~~consider amendment, modify modification, or sunset repeal~~ of this rule if ~~it review~~ determines this rule creates barriers to entry for private business competition, is duplicative, outdated, obsolete, overly burdensome, or imposes excessive costs. Failure by the Board to act in accordance with this provision will result in the expiration of this rule on December 31, 2026.

Rulemaking Authority 471.008, 471.015(7) FS. Law Implemented 471.015(7), 553.79(5)(a) FS. History—New 4-19-01, Amended 7-7-02, 4-5-04, 11-29-04, 2-4-13, 2-28-16, 6-6-16, 6-26-17, 4-8-18, 12-27-18, 5-31-20, 4-14-21, 4-5-22.

Florida Laws and Rules

Chapter 3: Changes to Chapters 455
and 471, F.S., made by the legislature
during the preceding biennium

SUMMARY: For Chapter 455 only the statute sections that were adopted *on or after January 1, 2021 and before May 1, 2023*. are included in this course.

Chapter 455 Revised Sections

455.02 Licensure of members of the Armed Forces in good standing and their spouses or surviving spouses with administrative boards or programs.—

(1) Any member of the United States Armed Forces now or hereafter on active duty who, at the time of becoming such a member, was in good standing with any of the boards or programs listed in s. 20.165 and was entitled to practice or engage in his or her profession or occupation in the state shall be kept in good standing by the applicable board or program, without registering, paying dues or fees, or performing any other act on his or her part to be performed, as long as he or she is a member of the United States Armed Forces on active duty and for a period of 2 years after discharge from active duty. A member, during active duty and for a period of 2 years after discharge from active duty, engaged in his or her licensed profession or occupation in the private sector for profit in this state must complete all license renewal provisions except remitting the license renewal fee, which shall be waived by the department.

(2) A spouse of a member of the United States Armed Forces who is married to a member during a period of active duty, or a surviving spouse of a member who at the time of death was serving on active duty, who is in good standing with any of the boards or programs listed in s. 20.165 shall be kept in good standing by the applicable board or program as described in subsection (1) and shall be exempt from licensure renewal provisions, but only in cases of his or her absence from the state because of his or her spouse's duties with the United States Armed Forces. The department or the appropriate board or program shall waive any license renewal fee for such spouse when he or she is present in this state because of such member's active duty and for a surviving spouse of a member who at the time of death was serving on active duty and died within the 2 years preceding the date of renewal.

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(3)(a) The department shall issue a professional license to an applicant who is or was an active duty member of the Armed Forces of the United States, or who is a spouse or surviving spouse of such member, upon application to the department in a format prescribed by the department. An application must include proof that:

1. The applicant is or was an active duty member of the Armed Forces of the United States or is married to a member of the Armed Forces of the United States and was married to the member during any period of active duty or was married to such a member who at the time of the member's death was serving on active duty. An applicant who was an active duty member of the Armed Forces of the United States must have received an honorable discharge upon separation or discharge from the Armed Forces of the United States.

2. The applicant holds a valid license for the profession issued by another state, the District of Columbia, any possession or territory of the United States, or any foreign jurisdiction.

3. The applicant, where required by the specific practice act, has complied with insurance or bonding requirements.

4.a. A complete set of the applicant's fingerprints is submitted to the Department of Law Enforcement for a statewide criminal history check.

b. The Department of Law Enforcement shall forward the fingerprints submitted pursuant to sub-subparagraph a. to the Federal Bureau of Investigation for a national criminal history check. The department shall, and the board may, review the results of the criminal history checks according to the level 2 screening standards in s. 435.04 and determine whether the applicant meets the licensure requirements. The costs of fingerprint processing shall be borne by the applicant. If the applicant's fingerprints are submitted through an authorized agency or vendor, the agency or vendor shall collect the required processing fees and remit the fees to the Department of Law Enforcement.

(b) The department shall waive the applicant's initial licensure application fee.

(c) An applicant who is issued a license under this section may renew such license upon completion of the conditions for renewal required of license holders under the

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applicable practice act, including, without limitation, continuing education requirements. This paragraph does not limit waiver of initial licensure requirements under this subsection.

(d) The department shall expedite all applications submitted by a spouse of an active duty member of the Armed Forces of the United States pursuant to this subsection and shall issue a license within 7 days after receipt of a complete application that includes all required documentation under subparagraphs (a)1.-4.

History.—s. 2, ch. 21885, 1943; s. 5, ch. 79-36; s. 95, ch. 83-329; s. 1, ch. 84-15; s. 71, ch. 85-81; s. 6, ch. 93-220; s. 186, ch. 97-103; s. 5, ch. 2010-106; s. 4, ch. 2010-182; s. 2, ch. 2017-135; s. 7, ch. 2018-7; s. 1, ch. 2022-185.

Note.—Former s. 485.02.

455.116 Regulation trust funds.—The following trust funds shall be placed in the department:

- (1) Administrative Trust Fund.
- (2) Alcoholic Beverage and Tobacco Trust Fund.
- (3) Cigarette Tax Collection Trust Fund.
- (4) Hotel and Restaurant Trust Fund.
- (5) Division of Florida Condominiums, Timeshares, and Mobile Homes Trust Fund.
- (6) Professional Regulation Trust Fund.

History.—s. 8, ch. 93-220; s. 44, ch. 96-418; s. 22, ch. 2008-240; s. 1, ch. 2011-30; s. 2, ch. 2012-143; s. 4, ch. 2022-179.

455.219 Fees; receipts; disposition; periodic management reports.

(1) Each board within the department shall determine by rule the amount of license fees for its profession, based upon department-prepared long-range estimates of the revenue required to implement all provisions of law relating to the regulation of professions by the department and any board; however, when the department has determined, based on the long-range estimates of such revenue, that a profession's trust fund moneys are in excess of the amount required to cover the necessary functions of the board, or the department when there is no board, the department may adopt rules to implement a waiver of license renewal fees for that profession for a

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period not to exceed 2 years, as determined by the department. Each board, or the department when there is no board, shall ensure license fees are adequate to cover all anticipated costs and to maintain a reasonable cash balance, as determined by rule of the department, with advice of the applicable board. If sufficient action is not taken by a board within 1 year of notification by the department that license fees are projected to be inadequate, the department shall set license fees on behalf of the applicable board to cover anticipated costs and to maintain the required cash balance. The department shall include recommended fee cap increases in its annual report to the Legislature. Further, it is legislative intent that no regulated profession operate with a negative cash balance. The department may provide by rule for the advancement of sufficient funds to any profession or the Florida Athletic Commission operating with a negative cash balance. Such advancement may be for a period not to exceed 2 consecutive years and shall require interest to be paid by the regulated profession. Interest shall be calculated at the current rate earned on Professional Regulation Trust Fund investments. Interest earned shall be allocated to the various funds in accordance with the allocation of investment earnings during the period of the advance.

(2) Each board, or the department if there is no board, may, by rule, assess and collect a one-time fee from each active and each voluntary inactive licensee in an amount necessary to eliminate a cash deficit or, if there is not a cash deficit, in an amount sufficient to maintain the financial integrity of such professions as required in this section. No more than one such assessment may be made in any 4-year period without specific legislative authorization.

(3) All moneys collected by the department from fees or fines or from costs awarded to the department by a court shall be paid into the Professional Regulation Trust Fund, which fund is created in the department. The department may contract with public and private entities to receive and deposit revenue pursuant to this section. The Legislature shall appropriate funds from this trust fund sufficient to carry out the provisions of this chapter and the provisions of law with respect to professions regulated by the department and any board within the department. The department shall maintain separate accounts in the Professional Regulation Trust Fund for every profession within the department. To the maximum extent possible, the department shall directly charge all expenses to the account of each regulated profession. For the purpose of this subsection, direct charge expenses shall include, but not be limited to, costs for

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investigations, examinations, and legal services. For expenses that cannot be charged directly, the department shall provide for the proportionate allocation among the accounts of expenses incurred by the department in the performance of its duties with respect to each regulated profession. The department shall not expend funds from the account of a profession to pay for the expenses incurred on behalf of another profession. The department shall maintain adequate records to support its allocation of department expenses. The department shall provide any board with reasonable access to these records upon request. Each board shall be provided an annual report of revenue and direct and allocated expenses related to the operation of that profession. These reports and the department's adopted long-range plan shall be used by the board to determine the amount of license fees. A condensed version of this information, with the department's recommendations, shall be included in the annual report to the Legislature prepared pursuant to s. 455.2285.

(4) A condensed management report of budgets, finances, performance statistics, and recommendations shall be provided to each board at least once a quarter. The department shall identify and include in such presentations any changes, or projected changes, made to the board's budget since the last presentation.

(5) If a duplicate license is required or requested by the licensee, the board or, if there is no board, the department may charge a fee as determined by rule not to exceed \$25 before issuance of the duplicate license.

(6) The department or the appropriate board shall charge a fee not to exceed \$25 for the certification of a public record. The fee shall be determined by rule of the department. The department or the appropriate board shall assess a fee for duplication of a public record as provided in s. 119.07(4).

(7)(a) The department, or a board thereunder, shall waive the initial licensing fee for a member of the Armed Services of the United States who has served on active duty, the spouse of a member of the Armed Services of the United States who was married to the member during a period of active duty, the surviving spouse of a member of the Armed Services of the United States who at the time of death was serving on active duty, or a low-income individual upon application by the individual in a format prescribed by the department. The application format must include the applicant's signature, under

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penalty of perjury, and supporting documentation as required by the department. For purposes of this subsection, the term “low-income individual” means a person whose household income, before taxes, is at or below 130 percent of the federal poverty guidelines prescribed for the family’s household size by the United States Department of Health and Human Services, proof of which may be shown through enrollment in a state or federal public assistance program that requires participants to be at or below 130 percent of the federal poverty guidelines to qualify.

(b) The department, or a board thereunder, shall process an application for a fee waiver within 30 days of receiving it from the applicant.

(c) The department shall adopt rules necessary to implement the provisions of this subsection.

History.—s. 5, ch. 79-36; s. 287, ch. 81-259; s. 2, ch. 84-271; s. 82, ch. 90-132; s. 4, ch. 90-228; s. 4, ch. 91-137; s. 17, ch. 92-149; s. 73, ch. 94-218; s. 8, ch. 2000-356; s. 44, ch. 2004-335; s. 3, ch. 2017-135; s. 59, ch. 2018-110; s. 25, ch. 2021-135.

SUMMARY: For Chapter 471 only the statute sections that were adopted *on or after January 1, 2021 and before May 1, 2023*. are included in this course.

Chapter 471 Revised Sections

471.055 Structural Engineering Recognition Program for Professional Engineers.—

(1) The board shall establish the Structural Engineering Recognition Program for Professional Engineers to recognize professional engineers who specialize in structural engineering and have gone above and beyond the required minimum professional engineer licensing standards. The board shall establish minimum requirements to receive recognition through the program. The board must recognize any licensed professional engineer who has successfully passed the National Council of Examiners for Engineering and Surveying Structural Engineering 16-hour PE Structural examination or any other examination approved by the board. In addition, the board may recognize any licensed professional engineer who specializes in structural engineering based on alternative criteria determined by the board.

(2) Upon application to the board, a professional engineer who has the minimum program requirements shall be recognized as a professional engineer who has gone above and beyond in the field of structural engineering. The board may not collect a fee for such application or for recognition by the program.

(3) A professional engineer who is recognized by the program may identify such recognition in her or his professional practice, including in marketing and advertising materials.

(4) Recognition by the program is not required for a professional engineer to practice structural engineering.

(5) The board shall adopt rules to implement this section.

History.—s. 1, ch. 2022-81.

Florida Laws and Rules

Chapter 4: Application of the provisions
of Chapter 471, F.S. to individual
disciplinary cases and unlicensed
practice cases

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KENNETH B. TATOR, PE
PE No. 55228 – REPRIMAND

Case No. 2022015513

Licensee was charged with violating Section 471.033(1)(a), Florida Statutes, and Rule 61G15-19.001(6)(s), Florida Administrative Code, renewing a Professional Engineer license without having completed all required continuing education on or before Feb. 28, 2021. The continuing education was not completed until March 27, 2022.

Ruling: The case was presented to the full Board upon a Settlement Stipulation. The Board imposed a Reprimand on his license, an administrative fine of \$1,000 and costs of \$64.35, successful completion of an online engineering professionalism and ethics course within 90 days, and successful completion of the Board's Study Guide within 30 days. Final Order was filed Feb. 27, 2023.

Violation: Section 471.033(1)(a), Florida Statutes, and Rule 61G15-19.001(6)(s), Florida Administrative Code

MARK V. RICHTER, PE
PE No. 56196 – PROBATION

Case Nos. 2020011861 & 2020019610

Licensee was charged with violating Section 471.033(1)(a), Florida Statutes, and Rule 61G15-30.009, Florida Administrative Code, failure to maintain signed, dated, and sealed engineering documents for three years; and two counts of violating Section 471.033(1)(g), F.S., and Rule 61G15-19.001(4), F.A.C., negligence in the practice of engineering. Licensee failed to keep engineering documents and signed, dated, and sealed materially deficient engineering documents, all relating to two residences affected by sinkholes in The Villages in 2018 and 2019.

Ruling: The case was presented to the full Board upon a Settlement Stipulation. The Board ordered licensee to appear before the Board; and imposed an administrative fine of \$1,000 and costs of \$1,612.85, two years of Probation, successful completion of a basic engineering professionalism and ethics course within one year, successful completion of the Board's Study Guide within 30 days, and project reviews at six and 18 months. Final Order was filed Feb. 14, 2023.

Violation: Section 471.033(1)(a), Florida Statutes, and Rule 61G15-30.009, Florida Administrative Code; and Section 471.033(1)(g), F.S., and Rule 61G15-19.001(4), F.A.C.

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MARIANO V. FERNANDEZ, PE
PE No. 40115 – REPRIMAND

Case No. 2022016833

Licensee was charged with violating Section 471.033(1)(a), Florida Statutes, failing to report to the Board a conviction, a guilty plea, or a nolo contendere plea to a crime in any jurisdiction; and with violating Sections 455.227(1)(c) and 471.033(1)(d), F.S., being convicted or found guilty of, or entering a plea of guilty or nolo contendere, to a crime in any jurisdiction that relates to the practice of, or the ability to practice, engineering. Licensee pled guilty in July 2021 to receiving unlawful benefits from a hotel operator while working as director of the City of Miami Beach Building Department.

Ruling: The case was presented to the full Board upon a Settlement Stipulation. The Board ordered licensee to appear before the Board; and imposed a Reprimand on his license, a two-year Probation, an administrative fine of \$6,000, costs of \$74.10, and successful completion of the Board’s Study Guide and an online ethics course. Final Order was filed Feb. 14, 2023.

Violation: Sections 471.033(1)(a), 471.033(1)(d), and 455.227(1)(c), Florida Statutes

ROBERT T. HAUG, PE
PE No. 24575 – PROBATION

Case No. 2021021749 & 2020055905

Licensee was charged with violating Section 471.033(1)(g), Florida Statutes, and Rule 61G15-19.001(4), Florida Administrative Code; negligence in the practice of engineering. Licensee did not exercise due care in preparing structural engineering documents that he signed and sealed for a church project in Lakeland, Fla., which resulted in a roof collapsing twice.

Ruling: The case was presented to the Board. The Board ordered licensee to appear before the Board; and imposed an administrative fine of \$1,000 and costs of \$4,858.80, two years of Probation, successful completion of an intermediate engineering professionalism and ethics course within one year, successful completion of the Board’s Study Guide within 30 days, and project reviews at six and 18 months. Final Order was filed Dec. 13, 2022.

Violation: Section 471.033(1)(g), Florida Statutes, and Rule 61G15-19.001(4), Florida Administrative Code

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MARK P. THOMASSON, PE
PE No. 48287

Case No. 2022028448

Licensee was charged with violating Section 471.033(1)(d), Florida Statutes; being convicted of or entering a plea of guilty or nolo contendere to a crime in any jurisdiction that directly relates to the practice of engineering or the ability to practice engineering. Respondent pleaded nolo contendere to one count of felony child neglect and was placed on 60 months of probation by the Circuit Court of the 2nd Judicial Circuit for Leon County.

Ruling: The case was presented to the Board. The Board ordered licensee to appear before the Board; and imposed an administrative fine of \$2,000 and costs of \$52.65. Final Order was filed Dec. 13, 2022.

Violation: Section 471.033(1)(d), Florida Statutes

MARWAN N. NADER, PE
PE No. 72598 – REPRIMAND

Case No. 202208236

Licensee was charged with violating Section 471.033(1)(a), Florida Statutes, and Rule 61G15-19.001(6)(s), Florida Administrative Code; renewing his Professional Engineer license without having completed all required continuing education on or before Feb. 28, 2021. The continuing education was not completed until March 2, 2022.

Ruling: The case was presented to the full Board upon a Settlement Stipulation. The Board imposed an administrative fine of \$1,000 and costs of \$78.00, a Reprimand, and successful completion of the Board's Study Guide and a Board-approved online course in engineering ethics and professionalism. Final Order was issued Oct. 20, 2022.

Violation: Section 471.033(1)(a), Florida Statutes, and Rule 61G15-19.001(6)(s), Florida Administrative Code

Florida Laws and Rules

Chapter 5: Resources Used to Develop this Course

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SUMMARY: Resources used to develop this course

Florida Administrative Code, Chapter 61G15, Board of Professional Engineers
<https://fbpe.org/wp-content/uploads/2023/01/61G15-as-of-01-18-2023.pdf>

Florida Statutes, Title XXXII, Chapter 455 – “Business and Professional Regulation: General Provisions”
http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&URL=0400-0499/0455/0455ContentsIndex.html

Florida Statutes, Title XXXII, Chapter 471 – “Engineering”
http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&URL=0400-0499/0471/0471ContentsIndex.html

FBPE Disciplinary Actions
<https://fbpe.org/legal/disciplinary-actions/#disciplinaryactions>

Florida Laws and Rules

Chapter 6: Quiz Problems

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1. Inquiries to PDHNow regarding the Florida Law and Rules will be answered in ____ business days
 - a. 1
 - b. 2
 - c. 3
 - d. 4

2. Rules of the Florida Board of Professional Engineers are found in:
 - a. Chapter 61G15, F.A.C
 - b. Chapter 471 F.S.
 - c. Chapter 455 F.S.
 - d. Chapter 61 F.A.C.

3. Continuing education in the amount of ____ hours per license renewal period is required as a condition of license renewal or re-licensure.
 - a. 9
 - b. 18
 - c. 8
 - d. 6

4. Parts I and II of the examination for licensure is provided and administered by:
 - a. The Florida Board of Professional Engineers
 - b. The Department of Business and Professional Regulation
 - c. The National Council of Examiners for Engineers and Surveyors
 - d. Various Technical and Professional Groups

5. The report prepared by the professional engineer in responsible charge of a project where the engineering documents are to be electronically signed and sealed shall contain:
 - a. The engineer's name and PE number
 - b. A brief overall description of the engineering documents
 - c. Authentication code of the signature file
 - d. All of the above

6. Pursuant to the change in Rule 61G15-35.003 F.A.C., licensed professional engineers whose principal practice is structural field inspections on threshold buildings must have ____ years experience.
 - a. 5
 - b. 3
 - c. 2
 - d. 7

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7. The legislative intent of the Engineering Practice Act is to:
 - a. Lessen the responsibilities of other allied professionals
 - b. Protect the health and welfare of citizens
 - c. Increase the revenue of the state
 - d. Promote increased regulation of professions

8. Pursuant to the clarification in Rule 61G15-22.001 the 1 hour of professional ethics and 1 hour of laws and rules required by section 471.017 must be obtained from courses _____pursuant to Rule 61G15-22.015, F.A.C.
 - a. with 10 test questions
 - b. approved by the Board
 - c. with live classroom instruction
 - d. written by a Florida registered professional engineer

9. One professional development hour (PDH) is equivalent to _____continuing education hour (CEU).
 - a. One
 - b. Two
 - c. Three
 - d. Four

10. Mr. Nader was charged with violating Section 471.033(1)(a), Florida Statutes because he renewed his PE license by the due date of February 28th, 2021 but did not complete his continuing education until March 2nd, 2022.
 - a. True
 - b. False

11. I have personally and successfully completed each chapter of instruction. You must answer true to complete this course.
 - a. True
 - b. False