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Continuing Education Course #426  
Florida Engineering Laws & Rules for 2023

1. Jacob Loewenberger is a licensed professional engineer in Florida. One of his Florida home builder clients asked him to prepare some preliminary site plans for a new Atlanta project and to get licensed in Georgia. The Georgia board became aware that he had already begun work on the project by preparing preliminary sketches. They denied his application on the grounds that he had been practicing without a license. What impact does that denial have on his Florida license?

- a. None
- b. The Florida Board of Professional Engineers may discipline him

**This case applies to the next three questions.**

**Elizabeth Southworthy, P.E. is a civil engineering consultant to a builder in central Florida. One of her assignments was to revise some plans completed, signed, and sealed by her predecessor firm and owned by the builder. She reused the original drawings but recreated all the calculations, site visits, and research.**

2. Who's title block must she show on the revised plans?

- a. The original engineer
- b. Elizabeth Southworthy
- c. Both
- d. The client's title block only

3. Who will be legally and professionally responsible for the work?

- a. The client (who owns the plans)
- b. The original engineer
- c. Elizabeth Southworthy
- d. The responsibility is shared between the original engineer and Elizabeth Southworthy
- e. The responsibility is shared between the original engineer, Elizabeth Southworthy, and the client

4. What responsibility does Elizabeth Southworthy have to the original engineer?

- a. She must obtain permission from the original engineer before she can reuse his plans.
- b. She must notify him of her intention to reuse the plans
- c. None because the client is the legal owner of the documents

5. Ralph Fitzherbert, P.E., is a delegated HVAC engineer for a new hospital. He uses software written by Maud De Sutton, P.E., to design ductwork. Who is responsible for any errors produced by the software?

- a. Ralph Fitzherbert, P.E.
- b. Maud De Sutton, P.E.
- c. Both
- d. Neither

6. Fitzherbert wants to submit the computer printout to the engineer of record for the project as a substitute for manual calculations. The printout lists the design assumptions plus input and output data. Is he required to sign and seal the printouts?

- a. Yes
- b. No

7. Elizabeth Engayne is a Florida professional engineer with a strong background in hydraulics. Every year she writes a 4-hour course for an approved continuing education provider. In addition to receiving royalties, she earns teaching credit toward the 18-hour requirement for her biannual renewal. How many continuing education hours has she earned for teaching by the end of two-years?

- a. 4
- b. 8
- c. 12
- d. 16

8. Nicholas Wickersly P.E. has a contract to design fire suppression systems and produce shop drawing for a fire sprinkler contractor. When the water utility company representative insisted that William sign and seal the shop drawings for one project, he refused. The utility employee filed a complaint with the Florida Board of Professional Engineers. What is the maximum penalty that the FBPE could impose on Nicholas for failing to sign and seal shop drawings?

- a. None. Shop drawings are not required to be signed and sealed.
- b. A \$1000 fine and license suspension.
- c. A \$5000 fine and license suspension.
- d. License revocation

9. Anna Vaux has a degree in engineering, but she is not licensed. She is the head of the public works and engineering department for Snake Bite, Florida. Her title is "Public Works Director and City Engineer." She reports to the village manager, who previously held her job and is a licensed engineer. Do the board rules allow her to use this title?

- a. Yes
- b. No

10. Anthony Babington, P.E. renewed his license by attesting that he had completed his continuing education requirements when he had not. The FBPE discovered his deception during an audit conducted by the board. Under the board's disciplinary guidelines, what is the penalty range for a first violation?

- a. Reprimand
- b. \$1,000 fine
- c. License suspension until licensee demonstrates compliance
- d. All of the above

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