

Indiana Statutes and Rules for Professional Engineering Licensure



Opal Kuhl, P.E.
Chair Indiana State Board of Registration for Professional Engineers



Stephen Gillman, P.E.
Vice Chair Indiana State Board of Registration for Professional Engineers



Vincent P. Drnevich, P.E.
Emeritus Member, Indiana State Board of Registration for Professional Engineers



March 2021

1

Disclaimer

The speakers are expressing their own views and opinions on the matters being discussed and do not represent the official views of the State Board of Registration for Professional Engineers, the Indiana Society of Professional Engineers, or Purdue University.

Copyright 2021 Vincent P. Drnevich. No portion of this presentation may be used without the expressed written consent of Vincent P. Drnevich.

Kuhl & Gillman March 2021

2

Acknowledgments

Members of the Indiana State Board of Registration for Professional Engineers

- **Jason Durr, P.E.**
- **Stephen Gillman, P.E.**, Vice Chair, 2021
- **Tim Jensen, P.E.**, Liaison to AG
- **Opal Kuhl, P.E.**, Chair, 2021
- **Greg Morical, Public Member**
- **Sam Reed, P.E.**
- **Susan Zellers, P.E.**
- Board Director, **Amy M. Hall**

Robert Elliott, Purdue Conferences

Darcy Bullock, P.E., Dir., Purdue Joint Transportation Research Program
Kym Pelfree, Operations Manager, Purdue Joint Transportation Research Program

Kuhl & Gillman March 2021

3

Quiz

- You are invited to complete the Quiz as we progress through the course
- It will be administered at the end of the presentation and will be used to:
 - Confirm your attendance at the session
 - Responses to the questions on the course will be graded.

Kuhl & Gillman March 2021

4

Outline

- Expectations for this Session
- Indiana Code vs Indiana Administrative Code
- Selected Statutes and Rules applied to Practice of Engineering
 - Registration by Comity
 - Registrant's Seal
 - Computer Based Testing for FE and PE exams
 - Rules for Continuing Education
 - Audits for 2018 Renewals
- Board Structure, Appointments and Future Issues
- Legislative Matters and Professional Licensure
- Closing Comments, Questions, and Discussion

Kuhl & Gillman March 2021

5

Changes from Previous Version

- Application for Licensure from engineers without an ABET EAC accredited degree
- Information on Computer-Based PE Exams
- NCEES Record for Comity
- Information on the Indiana Board of Registration for Professional Engineers
- Pending Federal legislation concerning public utilities
- Registration Board Newsletter

Kuhl & Gillman March 2021

6

Expectations

- By the end of this session, you will:
• Be more knowledgeable about the Indiana Statutes and Rules
• Know where to get accurate information about them.
• Learn about how Continuing Education rules are working
• Have an overview of:
• Computer Based Testing for PE Exams
• NCEES Continuing Education Tracking service
• Functioning of the Registration Board

Kuhl & Gillman March 2021

7

7

Indiana Code (IC) and the Indiana Administrative Code (IAC)

- The Indiana Code contains the laws established by the legislative process.
• The IC that addresses the professions is: IC 25-11-11
• Professional Licensing Standards of Practice
• Defines Boards
• Empowers Boards to make Rules
• The IC that addresses the practice of engineering is: IC 25-31 PROFESSIONAL ENGINEERS
• Regulation of Engineers
• Creation of Engineering Board

Kuhl & Gillman March 2021

8

8

Indiana Code (IC) and the Indiana Administrative Code (IAC)

- The Indiana Administrative Code (IAC) is a compilation of the text of all permanent Indiana administrative rules.
• The rules created by the boards
• Approved by the procedures set up in the IC.
• 864 IAC applies to the Practice of Engineering
• It frequently refers to the IC for authority and guidance.
• 864 IAC ARTICLE 1.1. ADMINISTRATION; GENERAL REQUIREMENTS
• Within Article 1.1 are the Rules for Engineering Licensure

Kuhl & Gillman March 2021

9

9

Rules of the Indiana Administrative Code IAC 864 (* Topics to be included in this presentation)

- Rule 1. General Provisions
• Rule 2. Qualifications for Examination*
• Rule 3. Applications*
• Rule 4. Examinations*
• Rule 5. Comity Registration*
• Rule 6. Certificates
• Rule 7. Registrant's Seal*
• Rule 8. Renewal
• Rule 9. Name and Address Change
• Rule 10. Temporary Permit (Repealed)
• Rule 11. Rules of Professional Conduct (topic covered in separate course)
• Rule 12. Fees
• Rule 13. Land Surveying; Competent Practice (Repealed)
• Rule 14. Limited Liability Company Practice
• Rule 15. Continuing Education*

Kuhl & Gillman March 2021

10

10

2018 Changes to Rules of the Board

http://www.in.gov/legislative/iac/20131009-IR-864130333PRA.xml.pdf

- Clarify accredited degree to "EAC ABET"
• Clarify examination attempts timeline,
• Update Seal definition
• the registrant's original handwritten, electronic, or other signature recognized under Indiana law
• Reduce the fee for comity from \$500 to \$300
• For applicants without ABET EAC BS degree
• Increased total number of credits from 44 to 54
• Increased flexibility on Math and Science
• Creates new category of "Additional Engineering Topics"

Kuhl & Gillman March 2021

11

11

New Supplemental Information Form

SUPPLEMENTAL INFORMATION FOR PROFESSIONAL ENGINEER AND ENGINEER INTERN APPLICATION

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND ENGINEER INTERNS

INSTRUCTIONS: 1. The IAC 25-11-1.2-1.3... 2. Provide course descriptions with prerequisites... 3. All courses listed below must have been successfully completed by the applicant.

Table with columns for Institution Name, Course Name and Number, Hours, Prerequisite and Life Sciences, Professional Engineering, Engineering Design, and Additional Engineering Topics. Includes 'Total' and 'Minimum Required' rows.

12

Steps to Professional Licensure

1. Graduation from program in engineering acceptable to the Board* (EAC ABET accredited)
2. Passing the Fundamentals of Engineering (FE) Exam
3. Four years of engineering practice experience
 - One year granted for MS degree in engineering
 - Two years granted for PhD degree in engineering
4. Passing the Principles and Practice (PE) Exam

* Special Provisions Exist for persons without EAC ABET accredited degrees. Refs.: http://iac.iga.in.gov/iac/iac_title?iact=864; 864 IAC 1.1-2.1-2 Definitions; 864 IAC 1.1-2.1-3 Education and work experience

Kuhl & Gillman March 2021 13

13

Rule 2. Qualifications for Examination

- **Fundamentals of Engineering Exam (FE exam)**
 - Ordinarily students in an ABET EAC accredited engineering program take the exam, typically in the last year before graduation.
 - With the implementation of Computer-Based Testing for the FE, nearly anyone may apply to take the FE exam, permission of the Registration Board is not needed.
- Optimal time for taking it is in senior year.

Kuhl & Gillman March 2021 14

14

Principles and Practice Exam

- Be certified as an **Engineering Intern**
- Experience Requirements (in Indiana must be completed at the time of application, i.e. no Co-Op or Internships experience counts)
 - For EAC ABET accredited BS program, 4 years of engineering experience after BS degree acceptable to the Board.
 - M.S. degree in engineering counts for 1 year, PhD degree counts for 2 years. (Max. of 2 years for education beyond BS.)
 - Other durations required for non-EAC ABET BS engineering program
- References
 - At least five (5) favorable reports of the engineering applicant's competence of which three (3) must be from registered professional engineers familiar with the applicant's engineering work

Kuhl & Gillman March 2021 15

15

PE Exams

- Each exam for Civil Engineers is a breadth and depth examination. This means that examinees work the breadth (AM) exam and one of the five depth (PM) exams.
 - <http://ncees.org/exams/pe-exam/>
 - Link provides topics covered on the exams and pass rates.
- Link to [transitions to new CBT exams](#)
- Practice Exams available at:
 - <http://ncees.org/exams/study-materials/>

Kuhl & Gillman March 2021 16

16

PE Civil Exams

<http://ncees.org/engineering/pe/>

- [Civil: Construction](#)
- [Civil: Geotechnical](#)
- [Civil: Structural](#)
- [Civil: Transportation](#)
- [Civil: Water Resources and Environmental](#)

These links give PDF files with the most up to date design standards exams in each subdiscipline

Kuhl & Gillman March 2021 17

17

PE Mechanical Exams

<http://ncees.org/engineering/pe/>

These links give PDF files with latest design standards for the current exams in each subdiscipline

- [Mechanical: HVAC and Refrigeration](#)
- [Mechanical: Machine Design and Materials](#)
- [Mechanical: Thermal and Fluids Systems](#)

Kuhl & Gillman March 2021 18

18

Recent PE Exam Pass Rates

<http://ncees.org/engineering/pe/pass-rates/>

Exam	First-time takers		Repeat takers		Format	Availability	Last updated
	Volume	Pass Rate	Volume	Pass Rate			
PE Agricultural and Biological	16	69%	1	100%	P&P	1x / year	Dec-20
PE Architectural	72	64%	10	30%	P&P	1x / year	Dec-20
PE Chemical	236	67%	42	29%	CBT	Year round	Jan-21
PE Civil: Construction	989	61%	542	35%	P&P	2x / year	Dec-20
PE Civil: Geotechnical	685	55%	328	24%	P&P	2x / year	Dec-20
PE Civil: Structural	1838	64%	662	41%	P&P	2x / year	Dec-20
PE Civil: Transportation	2133	70%	760	39%	P&P	2x / year	Dec-20
PE Civil: Water Resources and Environmental	2091	71%	603	46%	P&P	2x / year	Dec-20
PE Control Systems	193	67%	59	31%	P&P	1x / year	Dec-20
PE Electrical and Computer: Computer Engineering	34	71%	7	29%	P&P	2x / year	Dec-20

Kuhl & Gillman March 2021 19

19

Recent PE Exam Pass Rates, Cont'd.

<http://ncees.org/engineering/pe/pass-rates/>

Exam	First-time takers		Repeat takers		Format	Availability	Last updated
	Volume	Pass Rate	Volume	Pass Rate			
PE Electronics, Controls, and Communications	152	62%	32	22%	P&P	2x / year	Dec-20
PE Electrical and Computer: Power	643	71%	N/A	N/A	CBT	Year round	Jan-21
PE Environmental	306	71%	66	50%	CBT	Year round	Jan-21
PE Fire Protection	205	88%	N/A	N/A	CBT	1x / year	Jan-21
PE Industrial and Systems	117	63%	N/A	N/A	CBT	1x / year	Jan-21
PE Mechanical: HVAC and Refrigeration	664	75%	45	58%	CBT	Year round	Jan-21
PE Mechanical: Machine Design and Materials	434	68%	39	36%	CBT	Year round	Jan-21
PE Mechanical: Thermal and Fluid Systems	494	69%	32	47%	CBT	Year round	Jan-21
PE Metallurgical and Materials	48	69%	11	27%	P&P	1x / year	Dec-20
PE Mining and Mineral Processing	40	65%	14	14%	P&P	1x / year	Dec-20
PE Naval Architecture and Marine Engineering	22	68%	18	61%	P&P	1x / year	Dec-20
PE Nuclear	12	58%	5	40%	CBT	1x / year	Jan-21
PE Petroleum	106	63%	27	37%	CBT	1x / year	Jan-21

Kuhl & Gillman March 2021 20

20

Computer-Based Testing

- Computer-Based Testing for the FE exams began on January 2014.
 - Four, three-month long testing windows each year
 - Test duration is 6 hours
 - Done at Pearson Vue testing centers
- Computer-Based Testing for the Principles and Practice (PE) Exams began in 2018 for Chem. Engrg. & Nuclear Engrg.
- Other disciplines will follow; all by 2024
- All except Nuclear will be available Year-round.

Kuhl & Gillman March 2021 21

21

FE Exam

- The FE is designed for recent graduates and students who are close to finishing an undergraduate engineering degree.
- The FE exam, once passed, never expires.
- After passing the FE exam, a person must apply to the appropriate State Board to become an Engineering Intern; in Indiana pay \$10 fee.

Kuhl & Gillman March 2021 22

22

Registering for FE & PE Exams

Create a MyNCEES Account
<https://account.ncees.org/login>

Kuhl & Gillman March 2021

Log in or create your account

NCEES customers
MyNCEES is a resource for those wishing to proceed with

- Exam registration
- NCEES Records
- License and exam verifications
- Credentials evaluations
- CPC tracking

MyNCEES

23

23

Registering for FE & PE Exams

- To register, log in to your MyNCEES account, select the REGISTER button, and follow the onscreen instructions.

Kuhl & Gillman March 2021

Exam Registration Prerequisites

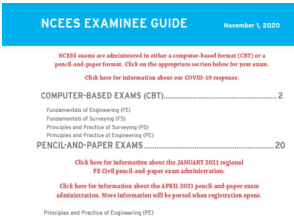
- ▲ Contact information
- ▲ Education information
Provide details for each college, university, and technical school attended.
- ▲ Review
Information must be reviewed every 90 days.
- ▲ Register for an exam

24

24

FE & PE Exam Information

- Learn more about exam and exam environment by reading the rules and policies at: <http://ncees.org/exams/examinee-guide/>
 - Testing environment
 - Proper identification needed for admittance to the testing room
 - Items allowed in the testing room
 - Approved calculators
 - Approved comfort aids
 - Reference materials
 - Special accommodations
 - Exam breaks
 - Exit procedures
 - How to report exam irregularities
 - Post-exam survey



NCEES EXAMINEE GUIDE November 1, 2020

NCEES exams are administered in either a computer-based format (CBT) or a pencil-and-paper format. Click on the appropriate section below for your exam. [Click here for information about our COVID-19 response.](#)

COMPUTER-BASED EXAMS (CBT).....	2
Fundamentals of Engineering (FE)	
Fundamentals of Surveying (FS)	
Principles and Practice of Engineering (PE)	
Principles and Practice of Engineering (PE)	
PENCIL-AND-PAPER EXAMS.....	20

[Click here for information about the JANUARY 2021 regional FE CBT pencil-and-paper exam administration.](#)
[Click here for information about the APRIL 2021 pencil-and-paper exam administration. More information will be posted when registration opens.](#)

Principles and Practice of Engineering (PE)

Kuhl & Gillman March 2021 25

25

CBT FE, FS, PE, & PS Registration Process

- Register and pay for the exam (credit card only)
 - \$175 for FE & FS Exams
 - \$375 for PE and \$300 for PS Exams
- Receive authorization notification from NCEES to schedule an exam.
- Schedule the exam (through MyNCEES account).
- Receive the appointment confirmation letter from Pearson VUE.

Kuhl & Gillman March 2021 26

26

Additional Registration Information

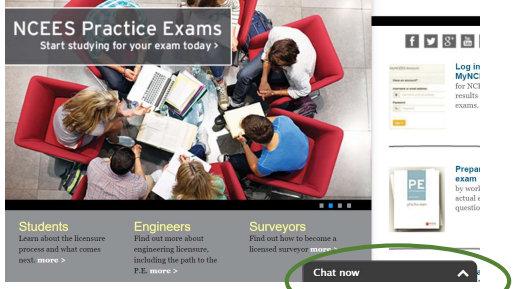
- Registration for CBT exams (good for 1 year)
 - \$50 fee if need to reschedule the exam
- Indiana Engineering and Surveying Boards do not require permission to register for FE and FS (change from past)
- Schedule to take the exam at NCEES.
 - Must be taken at any Pearson Vue Testing Center
 - There are 7 in Indiana (South Bend added 2015)
 - Can take in other states
 - Seats may be limited
 - Purdue has an approved center in Schleman Hall, Room B42.

Kuhl & Gillman March 2021 27

27

NCEES "Chat now" service

www.ncees.org



Kuhl & Gillman March 2021 28

28

Rule 5. Comity Registration

<https://secure.in.gov/pla/2741.htm>

- Registration in Indiana for person registered in another state
- Applicant must meet the educational, experience, and examination requirements for registration in Indiana.
 - Rules for registration vary
 - Among states
 - With time that original registration occurred
- Fee reduced from \$500 to \$300 in 2018
- Determination of comity made by the Board

Kuhl & Gillman March 2021 29

29

Expedite Comity with NCEES Record

<http://ncees.org/records/>

NCEES Records is a service designed for engineers seeking comity licensure. One-time fee of \$175, no annual fee. There is a \$75 transmittal fee.

Steps for completing the Record application process:

- Applicant creates an account
- Applicant completion of all sections of the online application
 - Seven sections — Education, Examinations, Licensure, References, Questions for the Applicant, Experience Record, and Payment Information.
- NCEES verifies application information
- NCEES reviews and verifies all transcripts and responses from references and employers.
- NCEES notifies applicant and provides a Record Number

Kuhl & Gillman March 2021 30

30

DVP1

NCEES Model Laws, Rules, and Continuing Professional Competency (CPC) Guidelines

- NCEES (National Council of Examiners for Engineering and Surveying)
 - Membership: Board members from all states and territories
 - Creates and maintains:
 - Model Law https://ncees.org/wpcontent/uploads/Model_Law_2017.pdf
 - Model Rules <https://ncees.org/wp-content/uploads/ModelRules-2017.pdf>

Kuhl & Gillman March 2021 31

31

Rule 7. Registrant’s Seal

864 IAC 1.1-7-3 Application of seal; signature
 Sec. 3. (c) When a registrant is in responsible charge of engineering work for which one (1) or more:

- (1) specifications;
- (2) plans; and
- (3) drawings;

....., the registrant shall apply the seal in the full manner required by this section on each page of all drawings or plans and on the title page of all specifications.

Kuhl & Gillman March 2021 32

32

Rule 7. Registrant’s Seal

864 IAC 1.1-7-3 Application of seal; signature
 Sec. 3. (d) A registrant who is not in responsible charge of the entire work, but assumes responsibility for portions of the work included on any page of:

- (1) specifications;
- (2) plans; or
- (3) drawings;

shall affix the seal in the manner required by this section on all title pages and on all pages on which the registrant’s work appears.

Kuhl & Gillman March 2021 33

33

Rule 7. Registrant’s Seal

- **864 IAC 1.1-7-3 Application of seal; signature**
- Sec. 3. (e) When affixing the seal, the registrant shall denote the registrant’s part of the work by inserting below the registrant’s signature and date, language similar to the following:

COVERING _____ DESIGN.

Kuhl & Gillman March 2021 34

34

Rule 7. Registrant’s Seal

- **864 IAC 1.1-7-4 Use of seal and signature; acceptance of full responsibility**

Sec. 4. (a) The seal and signature of a registrant on any drawings, documents, or instruments signifies the registrant’s acceptance of full responsibility for the professional work represented thereon, except as another registrant shall have assumed a limited responsibility for portions of the work in accordance with section 3(d) of this rule.

Kuhl & Gillman March 2021 35

35

Rule 7. Registrant’s Seal

864 IAC 1.1-7-4 Use of seal and signature;
 Sec. 4. (b) A registrant may include in the registrant’s plans certain predesigned manufactured equipment or products which have become established as acceptable for the proposed use, when such items:

- (1) meet standards established by nonprofit trade organizations;
- (2) meet the requirements for the proposed use as indicated by tests performed by a competent, unbiased testing agency;
- (3) are mechanical, electrical, or other types of machinery or systems guaranteed by a reputable manufacturer; or
- (4) do not affect the structural safety of the project.

Kuhl & Gillman March 2021 36

36

Slide 31

DVP1 Steve Gillman takes over.
Drnevich, Vincent P, 1/19/2021

Electronic Documents and Seals, What is the Difference?

<https://comodossstore.com/blog/difference-between-electronic-signatures-and-digital-signatures.html>


An **Electronic Signature** is an electronic version of the physical, hand-written signature. Just the way you sign your documents, electronic signatures are used the same way. Instead of using a pen to sign a document, you can easily sign documents with just a click or your fingerprint. X'

A **Digital Signature** is another breed of the electronic signatures, the only difference is that it involves the use of a code or algorithm to sign and validate the authenticity of a document. Unlike electronic signatures, digital signatures come under specific standards and a stringent verification process. They not only sign the document using a code, they encrypt data. 'Secure' is a small word, encryption makes your documents INVINCIBLE against cyber-attacks.

Kuhl & Gilman March 2021 37

37

INDOT Electronic Documents



"Wet signature" on original document scanned to PDF file





Image of signature inserted on original. Document scanned or printed to PDF file. With scanning/printing, signature becomes "flat", i.e. integral part of the document.



Original document scanned or printed to PDF file and then digitally signed. If file is opened without a key or is altered, signature disappears.

- Signature could include the seal.
- At present, INDOT accepts all three forms.

Kuhl & Gilman March 2021 38

38

Rule 15. Continuing Education

- Adopted in August 2010
- Requirements must be met for every renewal starting July 2012
- Rules were updated in 2014

Kuhl & Gilman March 2021 39

39

Summary of the Indiana Rules

A copy of the rules is available at: <http://www.in.gov/pla/2747.htm>

1. Thirty hours of continuing education will be required over the biennium
2. As many as 15 hours may be carried over from one biennium to the next
3. In each biennium, one (1) hour on the Indiana statutes and rules governing the practice of engineering is required (a course like this one)
4. In each biennium, one (1) hour on ethics applicable to the practice of professional engineering is required
5. Web-based and other electronically delivered courses are allowed
6. Courses which are part of the curriculum of an accredited university, college, or educational institution, shall earn:
 - (1) fifteen (15) hours of continuing education for each academic semester hour completed; or
 - (2) ten (10) hours of continuing education for each academic quarter hour completed

Kuhl & Gilman March 2021 40

40

Summary of the Indiana Rules, Cont'd.

7. Credit for teaching courses at an accredited university, college, or educational institution for the first time will carry two (2) times the hours obtained by students in the course, but only for the initial instruction.
8. Services as an instructor or presenter at a qualified continuing education course earn two (2) hours* of continuing education for each hour taught, but only for the initial instruction or presentation.
9. Active participation in educational outreach activities with kindergarten to grade 12, or higher education, e.g. JETS, MathCOUNTS, EPICS, Engineering Week, student chapter advising, etc. (max. 1 PDH per activity, and a max. 2 PDH's per biennium)*
10. Active participation in a professional or technical society relating to the practice of engineering (1 PDH per year of service and, max. of 2 PDH's per biennium)*

* Changed, January 1, 2014
Kuhl & Gilman March 2021 41

41

Summary of the Indiana Rules, Cont'd.

11. Authoring of published papers, articles, or books relevant to the professional engineer's practice of engineering (5 PDH's, but 10 PDH's if in peer reviewed archived journals, in the biennium in which the publication occurred, 1 article per biennium)*
12. Attainment of a patent relevant to the professional engineer's practice of engineering (10 PDH's for each patent)*
13. Provisions exist for hardship cases (detailed process, typically for people in armed services or for those with or caring for people with serious illnesses.)
14. Provisions exist for obtaining Inactive Status where no continuing education would be required, but the licensee could not practice engineering while in the status of inactive.

* Changed, January 1, 2014
Kuhl & Gilman March 2021 42

42

Individual's Strategy for Compliance

- **Judiciously choose courses and activities**
 - Approved providers – some have not been updated
 - Designed to directly enhance the practitioner's knowledge and skill
- **Log Keeping**
 - Maintain Portfolio for **three-years after end of biennium**
 - **Certificates to validate participation for all items**
- **At time of license renewal, you will be asked to check a box indicating that you have completed the Continuing Education requirement.**
- **NCEES established a registry of Continuing Education courses for individuals.**
 - <http://ncees.org/cpc/>
 - **It is free of charge!**

Kuhl & Gilman March 2021 43

43

Free Continuing Education Tracking

<http://ncees.org/cpc/>

- **Information Entry**
 - Log into your MyNCEES account and select the appropriate state licensing boards; enter renewal period information for each.
 - Enter Continuing Education course information and professional development hours (PDH)
 - Upload supporting information, e.g. certificates
- **View a side-by-side comparison of the state's requirements and your completed courses.**
- **Transmit your completed report electronically to a state licensing board.**

Kuhl & Gilman March 2021 44

44

Free Continuing Education Tracking

<http://ncees.org/cpc/>

Courses
[Sort by date](#)
[Sort by area](#)

Date	Course	Area	Hours	
2019				
6/7/2019	Indiana Society of Professional Engineers annual conference	Laws and Regulations	2	View
6/7/2019	Presentations on Engineering Issues including Legislative actions, Climate Change, Job Searching Strategies	Technical	4	View
6/7/2019	Ethics in the Practice of Engineering	Ethics	1	View
6/4/2019	ASTM Committee meetings: D18.08.03, D18.09, Compaction Manual, D18.08	Technical	4	View
6/3/2019	ASTM Committee meetings: D18- Main, D18.05, D18 Short Course, D18.03	Technical	4	View

Kuhl & Gilman March 2021 45

45

Consequences of Non-Compliance

- **Audits**
 - 1% to 10% of Licensing Holders Audited and Review Process
 - In Fall 2018, 134 audit notices were sent.
 - Required **COPIES** of certificates of completion or transcripts totaling **thirty (30) hours** including one (1) hour in Indiana Statutes and Rules and one (1) hour of Ethics
 - Initially, approximately 1/3 were deficient or did not provide adequate documentation
 - Board action will be taken on about 10% audits.
- **Penalties and Enforcement**
 - Possible loss of license
 - Fine up to \$1,000, possibly \$5,000 for flagrant violations.

Kuhl & Gilman March 2021 46

46

Approved Continuing Education Courses

- A continuing education provider may apply to the Board to become an approved provider
 - <https://forms.in.gov/Download.aspx?id=8658>
 - Must provide a report each year by Feb. 15th
 - <https://mylicense.in.gov/everification/SearchResults.aspx>
 - Approx. 72 orgs. listed as Active
 - Approx. 120 orgs. Listed have Expired authorization.
- In most cases, continuing education courses that satisfy licensure requirements in other states will be accepted in Indiana
 - Exception course on Indiana Statutes and Rules
 - Final decision made by the Board

Kuhl & Gilman March 2021 47

47

Board Appointments and Structure

IC 25-31-1-3

- (a) The board consists of seven (7) members, six (6) of whom shall be registered professional engineers.
- (b) Subject to IC 25-31-1-3 Sec. 3, one (1) member must be appointed to represent the general public who is:
 - (1) a resident of this state; and
 - (2) not associated with professional engineering other than as a consumer.
- (d) All members of the board shall be appointed by the Governor.

Kuhl & Gilman March 2021 48

48

Board Appointments and Structure IC 25-31-1-3

(f) A person appointed as a professional engineer member of the board must:

- (1) be a citizen of the United States;
- (2) resident of Indiana for a period of at least five (5) years immediately before appointment;
- (3) be registered as a professional engineer and must have been engaged in the lawful practice of engineering for at least twelve (12) years; and
- (4) responsible charge of engineering work or engineering teaching for at least five (5) years.

(g) Every member of the board shall be appointed for a term of five (5) years and shall serve until the member's successor is appointed and qualified.

<http://in.gov/gov/2331.htm> <http://in.gov/files/BackgroundInformationforBoardsandCommissions-Updated.pdf>

Kuhl & Gillman March 2021 49

49

2021 Chair and Vice Chair Indiana Board of Registration for Professional Engineers



Opal Kuhl, P.E. Board Chair
Opal recently retired as Executive Director of the Tippecanoe County Highway Department. She has a B.S. and M.S. in Math Education. Opal is a Nebraska native and taught mathematics for thirteen years before completing a B.S. degree in civil engineering from the University of Nebraska.



Steve Gillman, P.E. Chair
Steve retired from Eli Lilly and Company at the end of 2013 where he was Vice President of Health, Safety, and Environment. Born in Brookville, Indiana, Steve received a Bachelor of Science degree in chemical engineering from Rose-Hulman Institute of Technology.

Kuhl & Gillman March 2021 50

50

Changes in the NCEES Model Law and Rules

- FE and FS Exams can be taken at any time by anyone.
- PE Exam can be taken at any time after passing the FE Exam (**Uncouples Work Experience and PE Exam**)
 - 14 States now allow.
- NCEES considering allowing persons with ETAC-ABET degrees to be eligible for licensure in the Model Law. (2019 Conf. discussed but did not pass.)

Kuhl & Gillman March 2021 51

51

Legislative Matters and Professional Licensing

52

Threats to Professional Licensure

<https://www.nspe.org/resources/issues-and-advocacy/action-issues/threats-professional-licensure>




Kuhl & Gillman March 2021 53

53

Alliance for Responsible Professional Licensing

responsiblelicensing.org

- Coalition of national associations representing highly complex, technical professions
- Created to ensure unified voice for advanced professions



Kuhl & Gillman March 2021 54

54

<https://www.nspe.org/resources/issues-and-advocacy/reports-state-pe-laws-and-rules>

Reports on State PE Laws and Rules

Home » Issues and Advocacy » Advocacy » Reports on State PE Laws and Rules

NSPE is providing these resources so NSPE members, state societies, the broader engineering community, and the public can better understand the laws and regulations that define the issues that affect the professional engineer. These assessments are intended to provide useful information that NSPE and its state societies can share with policymakers and the public to protect the public health, safety, and welfare.

See also: [Interactive Map](#) | [Search Portal](#) ([Member Content](#)) | [Nonmember Report Sample](#)

Exemptions to Engineering Licensure Laws

The following compilation of industrial, manufacturing, and governmental exemptions to engineering licensure laws has been developed by NSPE.

- > Access report ([free for members](#))
- > Purchase through Shop NSPE \$9.95 (nonmember)
- > Not a Member? Join today!

Can Engineering Technology Graduates Earn a PE License?

The following is a compilation of state laws that allow a graduate with an engineering technology bachelor's degree from an ABET-accredited program to apply for licensure as a professional engineer in a state. It has been developed by the National Society of Professional Engineers to provide detailed information about the breadth and scope of these laws nationwide.

- > Access report ([free for members](#))

Kuhl & Gilman March 2021 55

55

Industrial Exemption in Indiana IC 25-31-1-20

Exempt persons

(a) An employee or a subordinate

(b) This chapter does not require registration for the purpose of practicing engineering by an individual or a business:

- (1) on property owned or leased by that individual or business unless the engineering practice involves the public health or safety, or the health or safety of the employees of that individual or business;
- (2) for the performance of engineering which relates solely to the design or fabrication of manufactured products; or
- (3) that is registered as a landscape architect under IC 25-4-2 and while the individual or business is engaged in the practice of landscape architecture planning the use of land or water.

Kuhl & Gilman March 2021 56

56

NSPE-IN JOURNAL
INDIANA SOCIETY OF PROFESSIONAL ENGINEERS
<https://tinyurl.com/wg6jsgp>

PAGE 4
Code Corner

NSPE Executive Director's Update
PAGE 3

Alliance for Responsible Professional Licensing

New Strategies for a New Decade
PAGE 11

Kuhl & Gilman March 2021 57

57

Summary and Closing

- Professional Engineering Practice in Indiana is regulated by the **Indiana Code and by Rules** established by the Board
- Complete listing of Statutes and Rules:
<http://www.in.gov/pla/3878.htm>
- Computer-Based Testing
 - Four, three-month long testing windows each year
 - FE Exam since Jan. 2014
 - PE Exam started in 2018; completed by 2025
 - Done at Pearson Vue testing centers

Kuhl & Gilman March 2021 58

58

Summary and Closing, Cont'd.

- Indiana Cont. Ed. Rules came into effect on August 18, 2010 and were updated on January 1, 2014
- Requirements for License Renewal each biennium
 - 30 hours of Continuing Education
 - 1 hour on Indiana Statutes and Rules
 - 1 hour on Ethics in the Practice of Engineering
 - Continuing Education must be obtained from an approved organization
 - Allow for carry over of up to 15 hours.
- Changes in the Rules of the Board occurred Jan. 2018

Kuhl & Gilman March 2021 59

59

Comments and Questions???

60


Be sure to submit your QUIZ and
EVALUATION sheet

Failure to do so will result in not getting credit
for this course.


61

—


*This completes the
"Indiana Statutes and
Rules" course!*



Opal Kuhl, P.E.
• Email: okuhl@comcast.net
• Phone: (765) 413-9794



Steve Gillman, P.E.
• Email: gillman.s.c@gmail.com
• Phone: (317) 872-5929



62