

## ADMINISTRATIVE RULES Fiscal Estimate & Economic Impact Analysis

<b>1. Type of Estimate and Analysis</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Updated <input type="checkbox"/> Corrected	<b>2. Date</b> May 1, 2019
<b>3. Administrative Rule Chapter, Title and Number (and Clearinghouse Number if applicable)</b> A-E 4	
<b>4. Subject</b> Professional Engineer Registration	
<b>5. Fund Sources Affected</b> <input type="checkbox"/> GPR <input type="checkbox"/> FED <input type="checkbox"/> PRO <input type="checkbox"/> PRS <input type="checkbox"/> SEG <input type="checkbox"/> SEG-S	<b>6. Chapter 20, Stats. Appropriations Affected</b>
<b>7. Fiscal Effect of Implementing the Rule</b> <input checked="" type="checkbox"/> No Fiscal Effect <input type="checkbox"/> Increase Existing Revenues <input type="checkbox"/> Increase Costs <input type="checkbox"/> Decrease Costs <input type="checkbox"/> Indeterminate <input type="checkbox"/> Decrease Existing Revenues <input type="checkbox"/> Could Absorb Within Agency's Budget	
<b>8. The Rule Will Impact the Following (Check All That Apply)</b> <input type="checkbox"/> State's Economy <input type="checkbox"/> Specific Businesses/Sectors <input type="checkbox"/> Local Government Units <input type="checkbox"/> Public Utility Rate Payers <input type="checkbox"/> Small Businesses <b>(if checked, complete Attachment A)</b>	
<b>9. Estimate of Implementation and Compliance to Businesses, Local Governmental Units and Individuals, per s. 227.137(3)(b)(1).</b> \$0	
<b>10. Would Implementation and Compliance Costs Businesses, Local Governmental Units and Individuals Be \$10 Million or more Over Any 2-year Period, per s. 227.137(3)(b)(2)?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>11. Policy Problem Addressed by the Rule</b> The Board undertook a full review of A-E 4 to amend the chapter to reflect current best practices and to update the rule. The National Council of Examiners for Engineering and Surveying® (NCEES) has developed national standards for uniform continuing education and transcript reporting, and these standards have been incorporated into A-E 4. Additionally, the chapter was reorganized to provide clarity and consistency for applicants. Finally, the rule amends the code to ensure consistency in the use of language among A-E chapters.	
<b>12. Summary of the Businesses, Business Sectors, Associations Representing Business, Local Governmental Units, and Individuals that may be Affected by the Proposed Rule that were Contacted for Comments.</b> The proposed rule was posted on the Department of Safety and Professional Services' website for 14 days in order to solicit comments from businesses, representative associations, local governmental units, and individuals that may be affected by the rule. No comments were received.	
<b>13. Identify the Local Governmental Units that Participated in the Development of this EIA.</b> No local governmental units participated in the development of this EIA.	
<b>14. Summary of Rule's Economic and Fiscal Impact on Specific Businesses, Business Sectors, Public Utility Rate Payers, Local Governmental Units and the State's Economy as a Whole (Include Implementation and Compliance Costs Expected to be Incurred)</b> The proposed rule will not have a significant impact on specific businesses, business sectors, public utility rate payers, local governmental units, or the state's economy as a whole.	
<b>15. Benefits of Implementing the Rule and Alternative(s) to Implementing the Rule</b> The Section has reviewed the chapter and made revisions to: <ul style="list-style-type: none"><li>• Ensure applicants may use the National Council of Examiners for Engineering and Surveying (NCEES) uniform reporting standards as evidence for application requirements;</li><li>• Clarify that candidates who pass the NCEES Structural Engineering examination are not required to take the Principles and Practice of Engineering exam (PE Exam);</li><li>• Remove the requirement that applicants for initial licensure have a reference who is registered in Wisconsin; and</li></ul>	

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- Reorganize the chapter for clarity, consistency, and to meet drafting standards.

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### 16. Long Range Implications of Implementing the Rule

The rule update will provide clearer guidance for applicants for licensure, and clarifies how applicants may use the NCEES tools available to them during the application process.

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### 17. Compare With Approaches Being Used by Federal Government

None.

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### 18. Compare With Approaches Being Used by Neighboring States (Illinois, Iowa, Michigan and Minnesota)

#### Illinois:

Illinois licenses Professional Engineers and Structural Engineers separately. Applicants for the Structural Engineer license must pass the NCEES Structural Engineer exam in order to qualify. The State Board of Professional Engineers and the Structural Engineering Board do accept NCEES records as evidence for examinations, education, and license verifications for applicants by endorsement. They do not accept an NCEES record for verification of employment or experience. An applicant must submit evidence of experience supervised by licensed Professional Engineers or Structural Engineers, as appropriate, but the supervisor is not required to be licensed in Illinois. The specific requirements of licensure are in sections 1380.210 through 1380.325, IL Admin. Code.

#### Iowa:

Iowa licenses Professional Engineers, with the license being granted for the specific branch of engineering, including Structural Engineering, related to the education, experience, and the NCEES Principles and Practice of Engineering examination the applicant passed. The Engineering and Land Surveying Examining Board requires applicants file a standardized, notarized application online with transcripts sent directly from the institution and references mailed in signed and sealed envelopes. An applicant must provide five references, three of whom are licensed professional engineers and at least one of whom supervised the applicant in gaining their qualifying experience. References are not required to be licensed in Iowa. The specific requirements of licensure are in sections 193C.3.1 through 193C.4.3, IA Admin. Code.

#### Michigan:

Effective April 4, 2017, Michigan no longer requires five references as part of the application. However, qualifying experience must still be verified by individuals. Applicants are also no longer required to apply to sit for NCEES exams through the Board of Professional Engineers.

Applicants must submit a transcript to verify educational background to the Board, and must take the NCEES Principles and Practice of Engineering exam. The specific requirements of licensure are in sections R 339.16001 through R 339.16034, MI Admin. Code.

#### Minnesota:

The Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design accepts NCEES records as evidence of qualifying examination scores, education, experience, and license verifications for applicants by comity.

Applicants are required to take the NCEES Principles and Practice of Engineering exam. While references are not required, qualifying experience must be verified by each of the applicant's supervisors and submitted with the application. Supervisors are not required to be licensed in the state of Minnesota. The specific requirements of licensure are in sections 1800.2500 through 1800.2900, MN Admin. Rules.

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19. Contact Name

20. Contact Phone Number

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**ATTACHMENT A**

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1. Summary of Rule's Economic and Fiscal Impact on Small Businesses (Separately for each Small Business Sector, Include Implementation and Compliance Costs Expected to be Incurred)

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2. Summary of the data sources used to measure the Rule's impact on Small Businesses

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3. Did the agency consider the following methods to reduce the impact of the Rule on Small Businesses?

- Less Stringent Compliance or Reporting Requirements
- Less Stringent Schedules or Deadlines for Compliance or Reporting
- Consolidation or Simplification of Reporting Requirements
- Establishment of performance standards in lieu of Design or Operational Standards
- Exemption of Small Businesses from some or all requirements
- Other, describe:

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4. Describe the methods incorporated into the Rule that will reduce its impact on Small Businesses

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5. Describe the Rule's Enforcement Provisions

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6. Did the Agency prepare a Cost Benefit Analysis (if Yes, attach to form)

- Yes    No
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