KEY FOCUS AREAS

- DRIVING GROWTH
- SHAPING PUBLIC POLICY
- EDUCATING FOR THE FUTURE
- PROMOTING DIVERSITY AND TOMORROW’S ENGINEER

Professional Engineering Licensure: Rigorous for a Reason
Leadership Development with the Society

Final Session: June 24

Professional Engineering Licensure: Rigorous for a Reason
Spring Membership Campaign

- Multi-channel promotion
  - Direct mail
  - Email
  - Social media

- Began May 24

- Messages focused on career advancement and advocacy

Professional Engineering Licensure: Rigorous for a Reason
NICET launches YouTube channel, Remote-proctored Exams

- Find videos on the new NICET YouTube page
- Remote proctoring available for Fire Alarm Systems I
- Inspection and Testing of Water-Based Systems Level I Exam will be available later in June
Committee Corner

• New video series from NSPE Government Relations staff

• Weekly updates on Capitol Hill activities

• Drinking Water and Wastewater Infrastructure Act, emerging technologies, appropriations process
Welcome to the NSPE Advocacy Center!

Welcome to the NSPE Advocacy Center. We have so many new things for you to explore from advocacy campaigns to training modules to information on NSPE’s Core Issues. If any assistance is required, please email governmentrelations@nspe.org.

Tour the Advocacy Center

Sign up here to be a part of our network of PE Advocates!

Sign up to get Advocacy Updates!

Thank you!

Check out our active campaigns!

Professional Engineering Licensure: Rigorous for a Reason
Core Issues Pages

- Overview of primary issues tracked by Government Relations Team
Core Issues Pages

- Additional one-pagers
- Links to Policies and Position Statements
- Related Advocacy Campaigns

Professional Engineering Licensure: Rigorous for a Reason
"BUYER BEWARE" AKA CERTIFIED PROFESSIONAL ENGINEER

In recent years, lawmakers and advocates have worked to make it easier for lower-income people to get the meaningful, well-paying work that some believe they create barriers to entry. The National Society of Professional Engineers urges lawmakers to commit to legislation that puts the public risk.

Key Points
- ‘Buyer beware’ legislation, sometimes referred to as ‘licensing,’ makes it easier for lower-income people to practice licensed professional engineering
to technical.
- Unlicensed practitioners do not have to be licensed.
- Minimal disclosure is required, which is advantageous to an unlicensed person.

Action Items
- Reject ‘buyer beware’ legislation, especially for a particular state or profession.
- Advocate for a narrowly tailored approach.
- Recognize that all occupations and professions need to be licensed, especially for highly technical work.

EMERGING TECHNOLOGIES

New and emerging technologies should be used in the design of safety, and welfare. The National Society of Professional Engineers urges lawmakers to commit to legislation that puts the public risk.

Key Points
- Professional engineers have an ethical duty to protect safety, which is critical in ensuring the public’s health, safety, and welfare.
- NSPE has compiled regulatory requirements for new and emerging technologies that are critical in ensuring the public’s health, safety, and welfare.
- NSPE has written a policy guide for how to ensure the public’s health, safety, and welfare.
- Submitted multiple public comments to ensure that professional engineers involved in the public’s health, safety, and welfare.

Action Items
- Promote the involvement of a PE when new and emerging technologies are considered.
- Advocate for the ethical development, testing, and deployment of autonomous vehicles.
- Support legislation that regulates emerging technologies.

QUALIFICATIONS-BASED SELECTION (QBS)

It is the position of the National Society of Professional Engineers that ‘all engineering services should be performed by qualified engineers on the basis of design ability, experience, integrity, and judgement. Engineering is a learned profession, requiring of its members sound technical experience, personal ability, education, honesty, and integrity.’ NSPE supports and advocates for qualifications-based selection (QBS) in procurement of engineering services. This process prioritizes technical proficiency, expertise, and experience, and allows engineers and firms to be considered based on merit. QBS provides the means for qualified engineers and firms to be ranked based on their ability to provide the service, with cost negotiations taking place only after the most qualified engineer or firm has been chosen. QBS is the best method for procurement because it places the public’s health, safety, and welfare above all other considerations.

Key Points
- The Brooks Act (P.L. 92-580) established QBS on the federal level when Congress passed the legislation in 1972.
- The law requires federal agencies to use agencies to use QBS procedures when procuring design services.
- Forty-six states have taken the provisions found in the Brooks Act and enacted their own state-level laws requiring the use of QBS when procuring design services.
- QBS procedures are less time-consuming and expensive than low-bid processes.
- In a comparative study, the American Institute of Architects looked at Florida’s QBS procedure and Maryland’s low-bid procedure for procuring design services and concluded that Maryland’s process was far more expensive and time-consuming.
- QBS is the best method for procuring engineering services.
- QBS places the public’s health, safety, and welfare above all other considerations.
- QBS protects taxpayers.
Training Modules

- 4-5 minute long videos
- Overview of one aspect of advocacy
- Watch in Advocacy Center or via YouTube
- More to come!
Take Action Now!

Thank you for being a PE Advocate! Select a campaign to get started.

- **Tell Us Why Infrastructure Legislation Matters to You!**
  - Rick, Tell Us Why Infrastructure Matters to You as a PE!
  - 3 points

- **Ask Your Rep to Co-Sponsor This Year’s E-Week Resolution**
  - Rick, ask your Representative to co-sponsor H.Res 154
  - 3 points

- **Support engineering education funding!**
  - Rick, tell your Representative you support the education funding in H.R. 594.
  - 3 points

- **Thank your Senator(s) for Supporting S.914**
  - Rick, will you take a moment to thank your Senator(s) for supporting S. 914?
  - 3 points

*Professional Engineering Licensure: Rigorous for a Reason*
Ask Your Rep to Co-Sponsor This Year’s E-Week Resolution

Rick,

H.Res 164, authored and introduced by Representative Jerry McNerney (D-CA-9th), recognizes February 21 - February 27 as National Engineers Week, and acknowledges the ways that engineers contribute to the public good. The resolution was introduced with 19 original co-sponsors, and we’d like to add more.

Adding additional co-sponsors will help us show that there is broad support in the House for engineers and the engineering profession. The more co-sponsors we get, the stronger our message will be.

Please take a moment and ask your Representative to be a co-sponsor.

Act now!

US Representative Roger Williams

Subject

Representative Williams, please co-sponsor H.Res 164

Message

Representative Williams,

H.Res 164 recognizes February 21 - February 27 as National Engineers Week, and acknowledges the ways that engineers contribute to the public good. It was introduced on February 25 by Rep. Jerry McNerney (D-CA-9th) and had 19 original co-sponsors.

Will you consider signing on as a co-sponsor? As H.Res 164 notes, "engineers employ their scientific knowledge and analytical skills for the betterment of the United States and for the protection of the public health, safety, and welfare." Engineers are at the heart of the industries and sectors that keep our country moving, keep them safe, and keep the United States at the forefront of technological developments.

Please show your support for the engineering profession by co-sponsoring H.Res 164. If you are interested in co-sponsoring, you can contact Joe Melo (joseph.melo@mail.house.gov) in Rep. McNerney’s office.

Thanks so much.
Sincerely,
Mr Rick Jose Guerra
2107 Key West Cove, Austin, TX, USA

Submit
Virtual Professional Engineers Conference 2021 (August 3-5, 2021)

www.nspe.org/PECon

Professional Engineering Licensure: Rigorous for a Reason
Celebrate TOGETHER WITH US!

Professional Engineering Licensure: Rigorous for a Reason
The Latest from *PE* magazine

- **Cover Story: Does Licensing Need a Shake-Up?**

- Can the engineering licensing system handle the societal transformation brought on by emerging technologies?

- “Yet Another Close Call”
Your Ethical Guide to the Profession

Milton F. Lunch Ethics Contest

Author of winning entry will be announced during PECon and will receive:

• $2,000 award
• certificate
• Recognition in PE magazine
New Board of Ethical Review Cases

• Six challenging new cases will be added to the library this month.

• Watch for detailed discussions in upcoming publications.
NSPE’s DEI Advisory Committee
Committee Efforts

- Updated NSPE member profile fields
- Developed questions for 2020 Engineering Outlook Survey
- Identified speakers for diversity training
- Supported dialogue via NSPE Communities and social media
- Provided guidance regarding response to current events
- Wrote feature article and opinion piece for the July/August PE Magazine
- Identified DEI collaboration opportunities with other engineering organizations
- Co-sponsored DEI Panel Discussion with NSPE-CA
- Updating member demographic data
Promoting Diversity and Tomorrow’s Engineer

NSPE recognizes its many Asian American and Pacific Islander members and professional engineers, and was proud to celebrate them throughout AAPI Month. NSPE believes-- and our Code of Ethics codifies-- that diversity of thought makes for better engineering.

Celebrating Asian American & Pacific Islander Heritage Month

"Diversity of thought makes for better engineering."

Professional Engineering Licensure: Rigorous for a Reason
Emerging Leader Program: Now Accepting Applications!

PROMOTING DIVERSITY AND TOMORROW’S ENGINEER

Professional Engineering Licensure: Rigorous for a Reason
Call for Volunteers

**Engagement Level 1:** Standing Committees and Select Committees
Highest engagement level. Often includes attending at least one in-person meeting in conjunction with the annual meeting. Most meetings held via conference calls.

**Engagement Level 2:** Organization Activities—committees, task forces, and other groups. Activities primarily include e-mail and conference calls.

**Engagement Level 3:** Ad Hoc Volunteer
Get engaged in activities on a project-by-project basis.

- To be considered for 2021-2022, please complete and submit your online form by July 9, 2021 at [www.nspe.org/membership/2021-2022-nspe-call-volunteers](http://www.nspe.org/membership/2021-2022-nspe-call-volunteers)
Staying in the know

: memserv@nspe.org

: @NSPE, @PEMag

: @nspe_hq

: www.facebook.com/NSPEonFB

: www.youtube.com/NSPEVideo

: www.linkedin.com/company/national-society-of-professional-engineers