



After Credentialing

What is Next ?





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Mr. Haynes is a reservoir engineer with 34+ years experience in field studies, evaluation and production operations in green and brown field developments, primary development, water flood and miscible gas injection projects. He is experienced in oil production development in Alaska, Gulf of Mexico, West Texas (Permian Basin), North Sea, Colombia, Kuwait, Qatar and Oman. He has planned and implemented field development programs from the results of subsurface studies and is experienced at gas flood, water flood operations and field maintenance.



Mr. Haynes holds a Professional Engineering license in Texas and SPE certification as a petroleum engineer. He is a member of SPE since 1978 and currently works for Shell Global Solutions as Reservoir Engineering Learning Advisor.

Mr. Byron Haynes, Jr.



Licensure: a universal standard – A Review



- Think about other professions:
 - Why do we license physicians?
 - Accountants?
 - Attorneys?



The PE exam – A Review



- Reflects real-world practice
- Tests for minimal competency
- Generally given twice a year, pencil-and-paper format
 - Exams are in the process of transitioning to computer-based exams
 - PE Chemical exam transitions to CBT in January 2018
- Developed by licensed engineers
- Open-book: reference materials permitted
- Specifications and PE practice exams available at NCEES.org



The benefits of a P.E.



- It opens career doors.
- In a stack of resumes, yours stands out.
- You belong to a licensed profession.
- You serve the public—not just your employer.
- You typically earn more than peers without a P.E.



How do I keep my PE License



State boards require you to keep current in your profession

- Have to have yearly professional development hours
- Have to maintain an ethics requirement



PDH Units



- Professional Development Hours, may be earned as follows:

1. Successful completion or auditing of college credit courses.
2. Successful completion of continuing education courses, either offered by a professional or trade organization, university or college, or offered in-house by a corporation, other business entity, professional or technical societies, associations, agencies, or organizations, or other group.
3. Successful completion of correspondence, on-line, televised, videotaped, and other short courses/tutorials.
4. Presenting or attending qualifying seminars, in-house courses, workshops, or professional or technical presentations made at meetings, conventions, or conferences sponsored by a corporation, other business entity, professional or technical societies, associations, agencies, or organizations, or other group.



PDH Units



5. Teaching or instructing as listed in paragraphs (1) through (4) above.
6. Authoring published papers, articles, books, or accepted licensing examination items.
7. Active participation in professional or technical societies, associations, agencies, or organizations, including:
 - (A) Serving as an elected or appointed official;
 - (B) Serving on a committee of the organization;
 - (C) Serving in other official positions.
8. Patents Issued.
9. Engaging in self-directed study.
10. Active participation in educational outreach activities involving K-12 or higher education students.



Duty of a PE Employed by a Company



- The Licensed Engineer's duties extend far beyond his or her employer's interest to include the public's interest



Questions



- Do I have to take continuing education courses to renew my PE license?



Questions



- Do I have to take recertification exams to renew my PE license?





Some Questions

- Do I need professional liability or errors and/or omissions insurance in order to practice as an engineer? To practice as a consultant? To be a professional engineer? To use my stamp/seal?





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- As a PE, what am I NOT allowed to do?





Questions

- I want to extend my license to other states. What do I have to do?



Question



- What is the difference between "reciprocity" and "comity"?



Questions



- I work in an industry (i.e., for a company) that is covered by the industrial exemption. Do I have to display my wall certificate?



Questions



- What is the Industrial Exemption ?



Q & A
