



ENGINEERS
AUSTRALIA

National
Engineering
Register

NER Information Session

YEA, YES! and YPF Event

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National
Engineering
Register

Overview

- What is the NER and brief background
- The 2 pathways to registration
- Benefits
- Areas of Practice



National
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Register

What is the National Engineering Register?

NER is the largest engineering register in the country

- Managed by Engineers Australia
- developed as a service to the community
- the 'go to' register for government, industry, and consumers
- a national benchmark
- a publicly accessible register showing an Engineer is fit to practice
- Industry is asking for it – technical assurance
- Replaces NPER NETR NEAR (NERB)



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Brief overview

- Queensland passed the PE Act in 1930 to establish a state-wide Board and Register of Professional Engineers
- The Act requires that professional engineering services are carried out either by a RPEQ, or under the direct supervision of a RPEQ who is ultimately responsible
- Registration is required for any professional engineering services carried out interstate or overseas but destined for Queensland. This includes design, construction and maintenance
- Victoria is now committed to establishing a similar system
- WA is expected to be next, needs agreement on the framework
- Formal recognition of qualification, experience, and competency of an engineer



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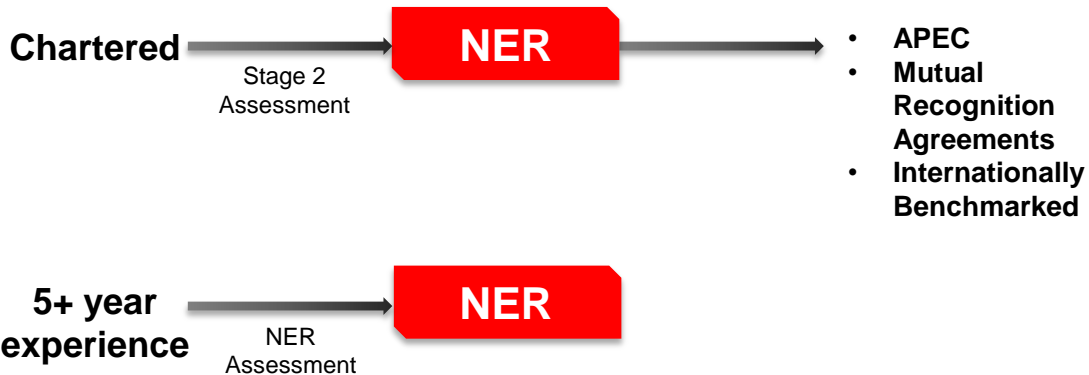
Why the National Engineering Register?

- Consumer protection
 - Large number of engineers are flying under the radar
 - Successive governments have not supported national registration
- Chartership was viewed as more than what was required for **compliance**
- Government wanted a second point of entry
- Engineers Australia has an obligation to take a leadership role
 - Australia's largest public register – over 17,000 individuals



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Multiple pathways to NER – One register with two entry points





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The 2 stages of Professionalism

Chartered is the internationally benchmarked credential

- It demonstrates an engineer possesses the skills and standing to be competitive in the global market.
- Chartered is being driven by industry, ***to the benefit of those members who step up.***
- It is the gateway to engineering leadership

Compliance

- The additional point of entry is a compliance benchmark for Government,
- It provides a standard that the public and Government can use to give them confidence a registered Engineer has the qualifications and experience to practice.



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What are the requirements for NER?

- For **Chartered**, no assessment is required, plus **PI (Professional Indemnity)**.
- For **NER-Assessed**
 - A recognised qualification (relevant accord)
 - A prescribed period of engineering practice
 - CPD (identical to EA CPD)
 - Code of Ethics
 - Professional Indemnity



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How National Engineering Register benefits you

- An entry point for RPEQ and other Government registers.
- Sets a standard for the profession
- Ability to be found by name, area of practice and location
- Available to all eligible engineers
- NER will be a recognised post nominal
- International recognition – for Chartered Professional Engineers only, plus 7+ years experience
 - APEC Engineer
 - IntPE (Aus)





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19 Areas of Practice – some accessible only to Chartered Members

1. Amusement Rides and Devices In-Service Inspection
 2. Fire Safety Engineering
 3. Leadership and Management
 4. Building Services Engineering
 5. Sub-divisional Geotechnics
 6. Heritage and Conservation Engineering
 7. Naval Architecture
 8. Petroleum Engineering
 9. Pressure Equipment Design Verification
 10. Oil & Gas Pipeline Engineering
- Subsea Engineering (work in progress with SUT)



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NER Areas of Practice – available via both pathways

11. Aerospace Engineering
12. Chemical Engineering
13. Electrical Engineering
14. Biomedical Engineering
15. Civil Engineering
16. Environmental Engineering
17. Mechanical Engineering
18. Structural Engineering
19. Information, Telecommunications & Electronics Engineering



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Fees

Registration and fees are annual, per individual

- **Chartered Members** Nil Assessment Fee, \$96/year
- **Engineers Australia non Chartered members** \$330 Assessment Fee, \$96/year
- **Non Engineers Australia Members** \$165/year
\$550 Assessment Fee,



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Why should I have PI?

- Government is looking to protect the consumer/community
- The PSS (Public Sector Standards) considers that a professional without **PI** cannot be regarded as a true professional.
- The community using professional services, are entitled to know whether a member has access to **PI**
- The Engineers Australia Board views **PI** as an important element of professionalism
- Sole practitioner, company policy, govt or tertiary employment





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Questions?