

- supporting the representation of Engineering Associates on the Engineers Australia National Congress, Divisional Committees, College Boards and Branches, and other Societies of Engineers Australia;
- encouraging active participation and social interaction by all Engineering Associates in organised activities including committees, branches, judging panels, awards selection committees, competitions and functions; and
- presenting and championing Associate-related issues to Engineers Australia's governing Congress and Council through the Board of Engineering Practice and various committees.

The National Committee for Engineering Associates Australia (NCEAA) consists of a Chairman, Deputy Chairman, Immediate past Chairman, Divisional Representatives, College Representatives, as well as Co-opted and corresponding members.

Website: www.engineersaustralia.org.au/associates

NATIONAL ENGINEERING ASSOCIATES REGISTER (NEAR)

The National Engineering Associates Register (NEAR) carries the names of Engineering Associates.

A new register for Engineering Associates (Officers) is currently being established, for introduction in early 2009.

The requisite qualification for NEAR is the two year advanced diploma or associate degree of engineering, or equivalent.

Applicants must also demonstrate that they are practising competently in the area of practice where they are applying for registration by satisfying the *Australian Engineering Competency Standards Stage 2* for Engineering Associates.

Publicly available information about registered associates can be obtained from the online search facility **rpsearch**.

Visit www.nerb.org.au for more information.

FOR MORE INFORMATION:

Join Engineers Australia
www.engineersaustralia.org.au/join

Benefits of Membership
www.engineersaustralia.org.au/member-benefit-offers

Committee Administrator
Email: associates@engineersaustralia.org.au

Member Services
Phone: 1300 653 113
Email: memberservices@engineersaustralia.org.au

Website:
www.engineersaustralia.org.au/associates

ENGINEERING ASSOCIATES



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The benchmark for Engineering Associates membership is Stage 1 qualification which is the two year Advanced Diploma classified at Level 6 (AQF-6) under the Australian Qualifications Framework.

Engineering Associates display their professionalism and grade of membership with the following postnominals: Graduate Member - Grad OIEAust, Member - OMIEAust., Fellow - OFIEAust. With experience, you will be eligible for the prestigious Chartered status (Stage 2 competencies) which carries the additional postnominals CEngO. Chartered members commit to undertake continuing professional development (CPD) to support their CEngO postnominal. Chartered status is rigorously based with defined competencies and measurable CPD within a field of expertise.

Engineering Associates who are TAFE graduates with the above qualifications focus mainly on practical applications. They may be expert in installing, testing, monitoring equipment and systems, operating and maintaining advanced plant, and managing or supervising tradespeople in these activities. Associates may be expert in selecting equipment and components to meet given specifications, and in assembling these to form customised systems for projects.

Engineering Associates are often required to be closely familiar with standards and codes of practice, and to become expert in their interpretation and application to a wide variety of situations. Many Associates develop very extensive experience in practical installations, and will be more knowledgeable than a Professional Engineer or Technologist on detailed aspects that can contribute very greatly to safety, cost or effectiveness in operation.

In other instances, Associates may develop high levels of expertise in aspects of design and development processes. These might include, for example, the use of advanced software to perform detailed design of structures, mechanical components, in systems, manufacturing or process plant, electrical and electronic equipment, information and communications systems, and so on. Experienced operators in these areas often develop detailed practical experience complementing the broader or more theoretical knowledge of other members of the Engineering Team.

Associates need a good grounding in engineering science and the principles underlying their field of expertise to ensure that their knowledge is portable across different applications and situations.

Context-specific training and experience in a particular job are not sufficient to guarantee generic competency. Given a good knowledge base, however, Associates may build further on this through high levels of training in particular contexts and in relation to particular equipment. Aircraft maintenance is an excellent example.

The competencies of Engineering Associates equip them to certify the quality of engineering work and the condition of equipment and systems in defined circumstances, laid down in recognised standards and codes of practice. Such certification should be fully acceptable in the public domain and should not require further endorsement by other practitioners perceived to be more highly qualified.

Engineering Associates may lead or manage teams appropriate to these activities. Some may establish their own companies or may move into senior management roles in engineering and related enterprises, employing Professional Engineers and other specialists where appropriate.



Engineering Associates membership comprises of people who have an Australian two year advanced diploma of engineering following twelve years of schooling or equivalent.

Due to the Engineers Australia By-laws, Engineering Associates within Engineers Australia are also equally referred to as Engineering Officers. Within the workplace, the term Technical Officer, Technical Manager, Plant Supervisor, Engineering Manager, Project Manager, Resources Manager is a small sample of titles used.

Every Engineering Associate is a member of the College of their discipline (Biomedical, Chemical, Civil, Electrical, Environmental, ITEE, Mechanical and Structural). Engineering Associates are also represented within Engineers Australia by a national committee and through representation on College Boards, Congress and various other committees.

THE NATIONAL COMMITTEE FOR ENGINEERING ASSOCIATES AUSTRALIA (NCEAA)

In 1998 the Australian Institute for Engineering Associates (AIEA) formally amalgamated with the Institution of Engineers Australia.

The National Committee for Engineering Associates Australia (NCEAA) is the lead Associates group within Engineers Australia and is committed to:

- gaining wider recognition of Engineering Associates in the engineering industry and the wider community by developing policies and practices that promote the term 'Engineering Associates' both internally and externally to Engineers Australia;
- creating and improving opportunities for Engineering Associates to enhance their skills and careers;

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