Recognising your professionalism

How professional registration can help you on your journey

Marie McCaffrey
Education and Skills Executive
About the Engineering Council

What we do:

• UK regulatory body for the engineering profession
• Operating under a Royal Charter
• Set and maintain the internationally recognised professional standards for engineering competence and commitment
  ▪ EngTech
  ▪ IEng
  ▪ CEng
  ▪ ICT Tech
• License 40 Professional Engineering Institutions
• Associated with 20 Professional Affiliates
• Over 230,000 registrants worldwide
  ▪ more than 18% of professionally registered engineers are outside the UK
What is professional registration?

Professional registration is...

• **Recognition**, through membership of a relevant Professional Engineering Institution (PEI), that an individual’s knowledge, understanding and competence have been assessed and confirmed through Professional Review

• **Verification**, that they have attained the standard required for inclusion on the national register in the appropriate category of registration

• **Commitment**, by an individual to maintaining their competence through Continuing Professional Development (CPD) for the benefit of society and their commitment to the engineering profession

Registration is open to any competent practising engineer or technician, with different levels and pathways to registration available.
What does professional registration offer?

- Independently assessed competence
- Recognition by employers
- Internationally recognised status
- Professional title and letters after your name
- Access to CPD opportunities
- Wealth of information, support and advice in your chosen discipline or engineering sector through membership of one or more Professional Engineering Institutions (PEIs)
Registration titles and UK-SPEC

Registration titles – which one is right for you?

**Engineering Technicians**
- Apply proven techniques and procedures to solve practical engineering problems
- Apply safe systems of work

**Incorporated Engineers**
- Maintain and manage applications of current and developing technology
- May undertake engineering design, development, manufacture, construction and operation

**Chartered Engineers**
- Develop solutions to engineering problems using new or existing technologies, through innovation, creativity and change
- May be accountable for complex systems with significant levels of risk

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The Engineering Council sets and maintains UK Standards for Professional Engineering Competence and Commitment

• A – Knowledge and understanding

• B – Design, development and solving engineering problems

• C – Responsibility, management and leadership

• D – Communication and interpersonal skills

• E – Professional commitment
Your Journey to Professional Registration:
Professional registration lies at the heart of Professional Engineering Institution membership.

A registrant must be a member of a Professional Engineering Institution (PEI)
“Becoming registered as an EngTech with the Engineering Council is a fantastic milestone to achieve in your career and shows the industry and clients that you are competent at your job.”
Professional registration recognises my skills and competences, and it has also opened doors into international opportunities.
“Since achieving my EngTech I feel that I have been recognised for my engineering knowledge and experience within my peer group, the wider company and the industry. It raises the professional profile of the company and shows clients that they value experience and training, which makes them stand out during the bidding process.”
Oliver Mackley BSC (Hons) IEng MIMechE
Engineering Manager – Jena Tec Precision

My employer benefits from a rich communication channel between the senior management team and the rest of the workforce – that means we can make changes that really help the business.

Additionally, professionally registered engineers are obliged to continue their own development, so my employer can trust that I will continue to learn and develop my skillset.
“Being a registered CEng reflects my competence and experience as a professional engineer and shows that I take an active interest in my own professional development and ongoing learning. My employer can have confidence in my expertise.”
“The responsibilities that come with the title have made me a better engineer. Clients are more frequently demanding that engineers are professionally registered as either a Chartered Engineer (CEng) or Incorporated Engineer. Being an IEng is another box ticked for potential business wins.”
INSTITUTION OF MECHANICAL ENGINEERS

WHO ARE WE?

• Your connection to the world of mechanical engineering
• A professional engineering institution for apprentices, students, technicians and engineers
• The 2nd Largest and the fastest growing PEI in the world
• Over 130,000 world-wide members

Improving the world through engineering
GLOBAL NETWORK
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MEMBERSHIP BENEFITS

Wherever you are, get the support & information you need.

- Library & resource centre
- Support Network
- Access to leading engineering information databases
- PE Magazine
- Newsletters and updates
- Events & networking
- Learning & development
- Career guidance and support
- Prizes and awards
- Webinar hub
BENEFITS FOR YOU

LIBRARY

• Get help with your college and company projects
• Free access to the largest mechanical engineering library in the world
• Request books for your studies
• Search for articles and papers
• Get expert advice from our library team

www.imeche.org/library
ENGINEER A BRIGHTER FUTURE.

ENGTECH AND APPRENTICE AWARDS 2019

Apprentice of the Year – win £1,500
EngTech of the Year – win £2,000
EngTech Visionary of the Year
Advanced Apprenticeship Provider of the Year
Whitworth Scholarship Awards – with prizes up to £21,800

APPLY ONLINE

Find out more at imeche.org/awards
BENEFITS FOR YOU
CONNECT WITH MEMBERS

• Join your regional committee
• Attend local events and activities
• Meet apprentices, technicians and engineers to share knowledge, experience and best practice

• Volunteer for, STEM career events, Formula Student and other IMechE events

www.imeche.org
The Support Network can help members and their families with:

- Employment coaching
- Apprentice and student grants
- Debt and money advice
- Counselling
- Dyslexia and autism support
- Breaks for carers
- Advice for everyday problems

Discover more at www.imeche.org/supportnetwork
BENEFITS OF PROFESSIONAL REGISTRATION.

• International recognition of your competence.
• Career enhancement, creating opportunities.
• Increased earning potential.
• Ongoing development.
• Be part of a professional Institution.
• Professional post-nominals (EngTech/IEng/CEng).

Ruth Shilston, CEng MIMechE
Chair IMechE Young Members Board 2013
Steve Feeley
Institution of Civil Engineers

Adam Parnell
Institution of Engineering and Technology
Why you should become professionally registered

For yourself
- Recognition of your competence as an engineer or technician
- Demonstrable evidence of your commitment to the profession
- Internationally recognised status
- Enhanced career prospects

For your employer
- Increased technical/managerial credibility
- Competent workforce
- Competitive advantage

For society
- Ensures the public is safeguarded through provision of independent and trustworthy advice, products and services and safe and reliable infrastructure
- Assurance of ethical and sustainable behaviour

Benefits of professional registration: https://www.engc.org.uk/videos
Further information and guidance

• A really handy little book which gives a brief overview of each Professional Engineering Institution:

  https://www.engc.org.uk/professional-registration/pocket-guide-to-professional-registration/

• The following link also includes a full list and a link to each Professional Engineering Institution’s website with further guidance to support you in your application for registration and membership:

  https://www.engc.org.uk/about-us/our-partners/professional-engineering-institutions/
Thank you

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www.engc.org.uk