Professional registration through UK’s Engineering Council is open to all engineers and technicians who can demonstrate competence and commitment to perform professional work to the necessary standard.

<table>
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<tr>
<th>Demonstrating Competence:</th>
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<tr>
<td>Competence is the ability to carry out a task to an effective standards. To achieve competence requires the right level of knowledge, understanding and skill, and a professional attitude.</td>
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</table>

There are five areas of competence and commitment for all registrants covering:

A – Knowledge and understanding
B – Design and development of processes, systems, services and products
C – Responsibility, management or leadership
D – Communication and inter-personal skills
E – Professional commitment

For each category, formal education qualification to demonstrate the necessary knowledge and understanding that underpins competence is defined by Engineering Council. Applicants without these may demonstrate the required knowledge and understanding in other ways.

<table>
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<th>Demonstrating Commitment:</th>
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<td>Registered engineers and technicians demonstrate a personal and professional commitment to society, their profession and environment.</td>
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</table>

Specific evidence is required for:
- Complying with codes of conduct
- Managing and applying safe systems of work
- Undertaking engineering activities in a way that contributes to sustainable development
- Carrying out Continuous Professional Development necessary to maintain and enhance competence
- Actively participating within the profession
- Exercising responsibilities in an ethical manner

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**Engineering Technicians apply proven techniques and procedures to the solution of practical engineering problems**

The following qualifications demonstrate the required knowledge and understanding for Engineering Technicians:

- An Advanced/Modern Apprenticeship or other work-based learning programme approved by a licensed professional engineering institution
- or a qualification, approved by a licensed professional engineering institution, in engineering or construction set at level 3 (or above) in the Qualifications and Credit Framework/ National Qualifications Framework for England and Northern Ireland; or at level 6 (or above) in the Scottish Credit and Qualifications Framework; or at level 3 (or above) in the Credit and Qualifications Framework for Wales
- or equivalent qualifications approved by a licensed professional engineering institution – for example some IRSE licenses

For those without the above qualifications, there are routes for which you can demonstrate that you have acquired equivalent engineering knowledge – Discuss with IRSE HQ.

**Incorporated Engineers maintain and manage applications of current and developing technology, and may undertake engineering design, development, manufacture, construction and operation**

The following qualifications demonstrate the required knowledge and understanding for Incorporated Engineers:

- An accredited Bachelors or honours degree in engineering or technology
- or a Higher National Diploma or a Foundation Degree in engineering or technology, plus appropriate further learning to degree level
- or an NVQ4 or SVQ4 which has been approved for the purpose by a licensed professional engineering institution, plus appropriate further learning to degree level.

For IRSE members, it has been agreed that a Higher National Diploma or Foundation degree in engineering or technology plus passing the IRSE professional examination is sufficient to demonstrate knowledge and understanding for Incorporated Engineers.

For those without the above qualifications, there are routes for which you can demonstrate that you have acquired equivalent engineering knowledge – Discuss with IRSE HQ.

**Chartered Engineers develop solutions to engineering problems using new or existing technologies, through innovation, creativity and change and/or they may have technical accountability for complex systems with significant levels of risk**

The following qualifications demonstrate the required knowledge and understanding for Chartered Engineers:

- An accredited Bachelors degree with honours in engineering or technology, plus either an appropriate Masters degree or Engineering Doctorate (EngD) accredited by a professional engineering institution, or appropriate further learning to Masters level (including IRSE Professional Examination);
- or an accredited integrated MEng degree.

For IRSE members, it has been agreed that an accredited Bachelors degree with honours in engineering or technology plus passing the IRSE professional examination is sufficient to demonstrate knowledge and understanding for Chartered Engineers.

For those without the above qualifications, there are routes for which you can demonstrate that you have acquired equivalent engineering knowledge – Discuss with IRSE HQ.

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For full details of Engineering Council education requirements. See UK-SPEC Third Edition for full list of education requirements. [https://www.engc.org.uk/ukspec](https://www.engc.org.uk/ukspec)

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**Gaining professional registration from UK’s Engineering Council through IRSE**

**August 2018**

For further details: visit [http://www.irse.org/membership/public/registration](http://www.irse.org/membership/public/registration) or contact the IRSE by emailing hq@irse.org or ringing +44 (0)20 7808 1180.
Professional Registration as
Engineering Technician (EngTech), Incorporated Engineer (IEng) or Chartered Engineer (CEng)

Keep CPD up to date. Consider further study and/or experience to get to IEng or CEng.

Member of IRSE?
Yes
- Yes
- No
- Yes
- No

Join IRSE at appropriate level

Record your work experience and CPD?

Yes
- Yes
- No

Monitor your experience against Engineering Council competencies. Record your CPD (plan, do, record, reflect and review)

No
- Yes
- No

Yes
- Yes
- No

IEng or CEng

Initial Application form asks for your engineering / professional qualifications and experience over the last 5 years

Complete & submit Initial Application for Engineering Council Registration form or EngTech application on rear of some licences

Non-Accredited qualifications(s) and/or queries

Review of Qualification(s)

Sufficient accredited qualification(s) for level applying for

Individual Case Panel (ICP)

ICP confirm sufficient for level applying for

Route to different registration level

Consider ICP recommendations

Undertake further academic qualification(s) or IRSE professional exam or demonstration of experiential learning or technical report

Make payment for assessment

Summary of Evidence form asks you for evidence of experience against all Engineering Council defined competences

No. Candidate informed with feedback. Potential further experience and/or knowledge required

HQ Review

EngTech candidates

IEng and CEng candidates

PRI Interviewers agree result

Professional Review Interview (PRI) at HQ

Note: 1 Appropriate level of membership according to your qualifications and experience
Note: 2 Engineering Council requirements. See UK-SPEC Third Edition for full list of competence requirements. https://www.engc.org.uk/ukspec. Use mycareerpath or another method to record your CPD
Note: 3 Forms available through IRSE Website. http://www.irse.org.uk/membership/public/registration
Note: 4 Engineering Council requirements. See UK-SPEC Third Edition for full list of education requirements. https://www.engc.org.uk/ukspec
Note: 5 This stage not required for those applying for EngTech through licence route; they must complete the appropriate additional competency statements on their application / competence assessment checklist.
Note: 6 Payment not required for all applicants – IRSE HQ will inform you if you require to pay
Note: 7 Applicants must clearly demonstrate they have achieved the same level of engineering knowledge and understanding as those with exemplifying qualifications. Discuss ways to demonstrate this with IRSE HQ – not all routes are available for EngTech applicants. Note that some routes require additional payments.
Note: 8 Interview for IEng and CEng will cover all required competencies and commitments. Skype / similar could be available for interviewee – Please discuss with IRSE HQ. Note that Engineering Council requires face-to-face interviews

August 2018

Key:
- Cyan: Action by candidate for professional registration (EngTech, IEng or CEng)
- Green: Action by IRSE Headquarters
- Orange: Action by Engineering Council
- Magenta: Information

For more information visit http://www.irse.org.uk/membership/public/registration or contact the IRSE by emailing hq@irse.org or ringing +44 (0)20 7808 1180