



The Royal Institution of Naval Architects

Applying for Registration with the Engineering Council

INTRODUCTION

The Royal Institution of Naval Architects is a Licensed and Nominated body of the Engineering Council to award the following grades:

1. Chartered Engineer (CEng)
2. Incorporated Engineer (IEng)
3. Engineering Technician (EngTech)

To apply, all individuals must:

1. Meet specific academic qualifications
2. Submit evidence that you meet the competencies for the grade you are applying for
3. Undertake a Professional Review Interview (CEng and IEng only)

Who can apply for Engineering Council Registration?

Individuals wishing to apply for Engineering Council registration must hold a RINA membership grade.

Chartered Engineer (CEng) or Incorporated Engineer (IEng)

Individuals applying for Chartered Engineer (CEng) or Incorporated Engineer (IEng) need to hold the membership grades of Member (MRINA) or Fellow (FRINA) consequently.

Application for registration may be made with the application for Member (MRINA) or Fellow (FRINA), or subsequent to election as a Member or Fellow.

Members applying for registration *after* election to MRINA or FRINA are required to submit an updated application form alongside the either: a Professional Review Report, or updated IPD logbook. Either must cover the period of work undertaken to date since election.

Engineering Technical (EngTech)

Individuals applying for EngTech can hold the membership grades of Associate-Member (AMRINA), Member (MRINA) or Fellow (FRINA).

Section 1: About the Engineering Council Designations

Chartered Engineer (CEng)

About the grade:

Members registered as Chartered Engineers will be concerned primarily with the progress of technology through innovation, creativity and change. They will develop and apply new technologies, promote advanced designs and design methods, introduce new and more efficient production techniques and marketing and construction concepts and pioneer new engineering services and management methods.

They may be involved with the management and direction of high-risk and resource-intensive projects.

They will be members of the engineering team.

You be able to record practical work experience against the following competency areas:

For Chartered Engineer (CEng)

- D1 DESIGN – Analytical skills
- D2 DESIGN – Design Processes & Methodology
- D3 DESIGN – Communication of Technical Information
- D4 DESIGN – Regulations & Standards
- D5 DESIGN – Evaluation & Optimisation
- D6 DESIGN – Design Management
- D7 DESIGN – Safety, Risk & Hazards
- D8 DESIGN – Research & Development
- D9 DESIGN – Materials
- E1 ENGINEERING PRACTICE – Overview of Production
- E2 ENGINEERING PRACTICE – Safety & Ethics
- E3 ENGINEERING PRACTICE – Quality
- E4 ENGINEERING PRACTICE – Production Management
- E5 ENGINEERING PRACTICE – Commissioning & Setting to Work, Maintenance & Operation
- E6 ENGINEERING PRACTICE – Procurement
- M1 MANAGEMENT SERVICES – Accounts & Finance
- M2 MANAGEMENT SERVICES – Human Resources
- M3 MANAGEMENT SERVICES – Quality Assurance
- M4 MANAGEMENT SERVICES – Company Structure & Organisation
- M5 MANAGEMENT SERVICES – Marketing & Communication
- M6 MANAGEMENT SERVICES – Managerial Skills, Contracts & Negotiations

Academic requirements for CEng:

The exemplifying academic qualifications for registration are:

- an accredited integrated MEng degree or equivalent **or**
- an accredited BEng degree, or equivalent, **plus** an appropriate accredited Masters degree

Postgraduate Diplomas are not exemplifying qualifications, though they may be accepted on an individual basis as meeting part or all of further learning requirements

Incorporated Engineering (IEng)

About the grade:

Members registered as Incorporated Engineers will act as an exponent of today's technology. They will perform complex technical duties of an established or novel character in a wide variety of contexts. They will have a substantial degree of personal responsibility and authority, often providing leadership and control in a managerial role.

They will occupy posts that demand the combination of a practical approach and detailed understanding of a particular technology.

They will understand the fundamentals and practical application of current technology and be able to employ existing technology efficiently.

They will have communication skills and awareness of the business and professional environment beyond their specific area of responsibility.

They will be members of the engineering team.

You be able to record practical work experience against the following competency areas:

For Incorporated Engineering (IEng)

- D1 DESIGN – Analytical skills

D2 DESIGN – Design Processes & Methodology
 D3 DESIGN – Communication of Technical Information
 D4 DESIGN – Regulations & Standard
 D5 DESIGN – Evaluation & Optimisation
 D6 DESIGN – Design Management
 E1 ENGINEERING PRACTICE - Overview of Production
 E2 ENGINEERING PRACTICE – Safety & Ethics
 E3 ENGINEERING PRACTICE – Quality
 E4 ENGINEERING PRACTICE – Production Management
 E5 ENGINEERING PRACTICE – Commissioning & Setting to Work, Maintenance & Operation
 E6 PROCUREMENT
 M1 MANAGEMENT SERVICES– Accounts & Finance
 M2 MANAGEMENT SERVICES – Human Resources
 M3 MANAGEMENT SERVICES – Quality Assurance
 M4 MANAGEMENT SERVICES – Company Structure & Organisation
 M5 MANAGEMENT SERVICES – Marketing & Communication
 M6 MANAGEMENT SERVICES – Managerial Skills, Contracts & Negotiations

Academic requirements for IEng:

- an accredited Bachelors or Honours degree, or equivalent, in engineering

Engineering Technical (EngTech)

About the grade:

Members registered as Engineering Technicians will apply knowledge, practical experience and proven techniques and procedures to tasks and the solution of problems in a wide variety of contexts. They will have a strong element of personal responsibility. They will frequently be involved in the supervision and guidance of others, carrying a measure of supervisory and technical responsibility. They will contribute to the design, development, manufacture, construction, commissioning, operation and maintenance of products, equipment, processes and services and apply safe systems of work.

They will be members of the engineering team.

You be able to record practical work experience against the following competency areas:

For EngTech

D1 DESIGN – Analytical skills
 D2 DESIGN – Design
 D3 DESIGN – Communication of Technical Information
 D4 DESIGN – Materials
 E1 ENGINEERING PRACTICE - Overview of Production
 E2 ENGINEERING PRACTICE – Safety & Ethics
 E3 ENGINEERING PRACTICE – Quality
 E4 ENGINEERING PRACTICE – Production Management
 E5 ENGINEERING PRACTICE – Commissioning & Setting to Work, Maintenance & Operation
 E6 ENGINEERING PRACTICE - Procurement
 M1 MANAGEMENT SERVICES– Accounts & Finance
 M2 MANAGEMENT SERVICES – Human Resources
 M3 MANAGEMENT SERVICES – Quality Assurance
 M4 MANAGEMENT SERVICES – Company Structure & Organisation
 M5 MANAGEMENT SERVICES – Marketing & Communication
 M6 MANAGEMENT SERVICES – Managerial Skills

Academic requirements for Engineering Technician (EngTech)

Typically, applicants will have successfully completed an Advanced/Modern Apprenticeship or other work-based learning programme.

Or, alongside appropriate working experience, they will hold:

- 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.

