**CHARTERED**

**ENGINEER**

**APPLICATION**

**CHARTERED ENGINEERS**

Chartered Engineers develop solutions to complex engineering problems using new or existing technologies, and through innovation, creativity and technical analysis.

Chartered Engineers are able to demonstrate:

* The theoretical knowledge to solve problems in new and established technologies and to develop new analytical techniques
* Successful application of the knowledge to deliver innovative products and services and/or taking technical responsibility for complex engineering systems
* Responsibility for the financial and planning aspects of projects, sub-projects or tasks
* Leadership and development of other professional staff through management, mentoring or coaching
* Effective interpersonal skills in communicating technical matters
* Understanding of the safety and sustainability implications of their work, seeking to improve aspects where feasible
* Commitment to professional engineering values

**APPLY NOW**

Registration for Institute of Corrosion Professional Members can now take place through the Registration Agreement with the Society of Operations Engineers. This registration will confer, with the Engineering Council, the titles of Chartered Engineer (CEng), Incorporated Engineer (IEng) or Engineering Technician (EngTech) dependent upon the Applicant’s qualifications and experience. Use this form to apply to become an Engineering Council registered Chartered Engineer with the Institute of Corrosion

**HOW TO APPLY**

Follow the steps outlined in this application pack, complete the relevant sections and submit to [**enquiries@icorr.org**](mailto:enquiries@icorr.org)

**BEFORE YOU APPLY**

Before you apply it is important that you understand the current Engineering Council requirements for becoming a Chartered Engineer and that you are confident you meet them. Also the guidance notes for completing application for chartered engineer available at [**www.icorr.org**](http://www.idgte.org) and [**www.soe.org.uk**](http://www.soe.org.uk)**.**

Please make sure that you read the relevant sections of the Engineering Council’s UK Standard for Professional Engineering

Competence and Commitment (UK-SPEC) 4th Edition [**www.engc.org.uk/standards- guidance/standards/uk-spec**](http://www.engc.org.uk/standards-%20guidance/standards/uk-spec)

**HELP**

Should you have any questions regarding your application please contact our Membership team by emailing [**enquiries@icorr.org**](mailto:enquiries@idgte.org)or calling us on 01604 438222. For more information, please visit the ICorr website [**www.icorr.org**](http://www.idgte.org)

**NOTE: All boxes on this form are for typing in and are expandable.**

**SECTION 1: ABOUT YOU**

**A. PERSONAL INFORMATION**

|  |  |
| --- | --- |
| ICorr Membership number: |  |
| Current Grade: |  |
| Designatory Letters (e.g. MSc, Meng, BSc, IEng, MICorr, etc: |  |
| Gender: |  |
| Title: |  |
| Family name: |  |
| Forename(s): |  |
| Address: |  |
| Postcode: |  |
| Preferred Telephone: |  |
| Preferred Email: |  |
| Date of Birth: |  |

**B. CURRENT EMPLOYMENT**

|  |  |
| --- | --- |
| Name of Employer: |  |
| Department: |  |
| Position Held: |  |
| Commencement Date: |  |
| Work Address: |  |
| Work Telephone: |  |
| Email (work): |  |
| Company Website: |  |

**C. EDUCATION & FORMAL QUALIFICATIONS**

Please give details of all academic qualifications including award title, institution and course length and attendance dates.

Please provide full details of the course syllabus and transcripts for your undergraduate and post graduate degrees as attachments to this application unless they are recognised qualifications.

A Recognised Qualification (accredited) search is available at **www.engc.org.uk/education-skills/course-search**

Title of qualification

|  |  |
| --- | --- |
| Awarding Education Institution: |  |
| Title of Award: |  |
| Subjects Studied: |  |
| Dates of Attendance & Award: |  |
| Course syllabus and transcripts |  |

|  |  |
| --- | --- |
| Awarding Education Institution: |  |
| Title of Award: |  |
| Subject: |  |
| Dates of Attendance & Award: |  |
| Course syllabus and transcripts |  |

|  |  |
| --- | --- |
| Awarding Education Institution: |  |
| Title of Award: |  |
| Subject: |  |
| Dates of Attendance & Award: |  |
| Course syllabus and transcripts |  |

|  |  |
| --- | --- |
| Awarding Education Institution: |  |
| Title of Award: |  |
| Subject: |  |
| Dates of Attendance & Award: |  |
| Course syllabus and transcripts |  |

**SECTION 2: SPONSOR**

Your application must be supported by one sponsor. The sponsor could be your line manager, HR manager or a professional person. If you have problems finding a suitable sponsor, please contact ICorr. The sponsor may be contacted by ICorr for verbal confirmation of their support.

***“I support this application for Chartered Engineer status. I confirm this applicant is known to me”***

|  |
| --- |
| **Sponsor** |
|  |  |
| Title: |  |
| Family name: |  |
| Forename(s): |  |
| Qualification |  |
| Company: |  |
| Job title: |  |
| Address: |  |
| Email: |  |
| Phone: |  |
| Engineering Council Registration number (if applicable): |  |

**TRAINING / EXPERIENCE STATEMENT / CV**

Provide a summary of your engineering work including for each employment, to include the name and location of your employer, the period of employment, your job title(s) and a brief description of your role, responsibilities and key achievements, e.g. projects, in each position.

Please provide an organisation chart of your current position.

Enter your text here

**SECTION 3: PERSONAL COMPETENCE STATEMENTS**

**A Chartered Engineer** will be able to demonstrate their competence in all the areas listed, but the depth and extent of your experience and competence will vary with the nature and requirements of your role. To be successful you will demonstrate competence and commitment in each area,(A1–E5), at a level which is consistent with your specific role. It is to be expected that you will have a higher level of competence in some areas than others and your role may provide limited experience in certain areas. However, you need to demonstrate an understanding of, and familiarity with, the key aspects of competence in all areas as a minimum requirement, while demonstrating higher levels of competence in those areas which are critical to your role. Overall, you will demonstrate an appropriate balance of competences to perform your role effectively at Chartered Engineer level.

Refer to the Engineering Council website for more information [www.engc.org.uk](http://www.engc.org.uk).

This section of the form outlines each competence and provides examples of activities that could demonstrate achievement of the requirements. Describe in 100 to 200 words your involvement and understanding of each of the competencies. The statements need to be written in the first person (i.e. using the word “I”).

**A** **KNOWLEDGE AND UNDERSTANDING**:

**Chartered Engineers shall use a combination of general and specialist engineering knowledge and understanding to optimise the application of advanced and complex systems.**

This competence is about the ability to understand underpinning technical principles relevant to the applicant’s area of practice and applying them to develop technical solutions. This could involve technical solutions for novel problems or dealing with significant technical complexity. This may involve the integration of a range of technologies and consideration of other factors. This competence requires that an applicant is maintaining and developing their knowledge in their field of practice and not just that required for specific tasks.

**You shall demonstrate that you:**

**A1. Have maintained and extended a sound theoretical approach to enable them to develop their particular role.**

**Examples of evidence:**

* Formal training related to your role
* Learning and developing new engineering knowledge in a different industry or role
* Understanding the current and emerging technology and technical best practice in your area of expertise
* Developing a broader and deeper knowledge base through research and experimentation
* Learning and developing new engineering theories and techniques in the workplace

Enter your text here

**A2. Are developing technological solutions to unusual or challenging problems, using their knowledge and understanding and/or dealing with complex technical issues or situations with significant levels of risk.**

**Examples of evidence:**

* Carrying out technical research and development
* Developing new designs, processes or systems based on new or evolving technology
* Carrying out complex and/or non-standard technical analyses
* Developing solutions involving complex or multidisciplinary technology
* Developing and evaluating continuous improvement systems
* Developing solutions in safety-critical industries or applications

Enter your text here

**B. DESIGN, DEVELOPMENT AND SOLVING ENGINEERING PROBLEMS**

**Chartered Engineers shall apply appropriate theoretical and practical methods to the analysis and solution of engineering problems**

This competence is about the ability to apply engineering knowledge effectively and efficiently to the individual tasks which need to be undertaken in the applicant’s role.

**You shall demonstrate that you:**

**B1. Take an active role in the identification and definition of project requirements, problems and opportunities**

**Examples of evidence:**

* Identifying projects or technical improvements to products, processes or systems
* Preparing specifications, taking account of functional and other requirements
* Establishing user requirements
* Reviewing specifications and tenders to identify technical issues and potential improvements
* Carrying out technical risk analysis and identifying mitigation measures
* Considering and implementing new and emerging technologies

Enter your text here

**B2. Can identify the appropriate investigations and research needed to undertake the design, development and analysis required to complete an engineering task and conduct these activities effectively**

**Examples of evidence:**

* Identifying and agreeing appropriate research methodologies
* Investigating a technical issue, identifying potential solutions and determining the factors needed to compare them
* Identifying and carrying out physical tests or trials and analysing and evaluating the results
* Carrying out technical simulations or analysis
* Preparing, presenting and agreeing design recommendations, with appropriate analysis of risk, and taking account of cost, quality, safety, reliability, accessibility, appearance, fitness for purpose, security (including cyber security), intellectual property constraints and opportunities, and environmental impact

Enter your text here

**B3. Manage implementation of design solutions, and evaluate their effectiveness**

**Examples of evidence:**

* Ensure that the application of the design results in the appropriate practical outcome
* Implement design solutions, taking into account critical constraints, including due concern for safety and sustainability
* Determine the criteria for evaluating design solutions
* Evaluate the outcome against the original specification
* Actively learn from feedback on results to improve future design solutions and build best practice

Enter your text here

**C. RESPONSIBILITY, MANAGEMENT AND LEADERSHIP**

**Chartered Engineers shall demonstrate technical and commercial leadership.**

This competence is about the ability to plan the applicant’s own work and manage or specify the work of others effectively, efficiently, and in a way which provides leadership at an appropriate level, whether technical or commercial. Leadership is not necessarily about having a formal line management role. In matrix management and other types of organisational structure, where Chartered Engineers are working within complex and varied working relationships, they will provide leadership to achieve objectives. This competence is also about the ability to consider and identify improvements to quality.

**You shall demonstrate that you:**

**C1. Plan the work and resources needed to enable effective implementation of a significant engineering task or project**

**Examples of evidence:**

* Preparing budgets and associated work programmes for projects or tasks
* Systematically reviewing the factors affecting the project implementation including safety, sustainability and disposal or decommissioning considerations
* Carrying out a task or project risk assessment and identifying mitigation measures
* Leading on preparing and agreeing implementation plans and method statements
* Negotiating and agreeing arrangements with customers, colleagues, contractors and other stakeholders, including regulatory bodies
* Ensuring that information flow is appropriate and effective

Enter your text here

**C2. Manage (organise, direct and control), programme or schedule, budget and resource elements of a significant engineering task or project**

**Examples of evidence:**

* Operating or defining appropriate management systems including risk registers and contingency systems
* Managing the balance between quality, cost and time
* Monitoring progress and associated costs and cost forecasts, taking appropriate actions when required
* Establishing and maintaining appropriate quality standards within legal and statutory requirements
* Interfacing effectively with customers, contractors and other stakeholders

Enter your text here

**C3. Lead teams or technical specialisms and assist others to meet changing technical and managerial needs**

**Examples of evidence:**

* Agreeing objectives and work plans with teams and individuals
* Reinforcing team commitment to professional standards
* Leading and supporting team and individual development
* Assessing team and individual performance, and providing feedback
* Seeking input from other teams or specialists where needed and managing the relationship
* Providing specialist knowledge, guidance and input in your specialism to engineering teams, engineers, customers, management and relevant stakeholders
* Developing and delivering a teaching module at Masters level, or leading a University research programme

Enter your text here

**C4. Bring about continuous quality improvement and promote best practice.**

**Examples of evidence:**

* Promoting quality throughout the organisation as well as its customer and supplier networks
* Developing and maintaining operations to meet quality standards e.g. ISO 9000, EQFM
* Supporting or directing project evaluation and proposing recommendations for improvement
* Implementing and sharing the results of lessons learned

Enter your text here

**D. COMMUNICATION AND INTERPERSONAL SKILLS**

**Chartered Engineers shall demonstrate effective communication and interpersonal skills.**

This is the ability to work with others constructively, to explain ideas and proposals clearly and to discuss issues objectively and constructively.

**You shall demonstrate that you:**

**D1. Communicate effectively in English with others at all levels**

**Examples of evidence:**

* Preparing reports, drawings, specifications and other documentation on complex matters
* Leading, chairing, contributing to and recording meetings and discussions
* Exchanging information and providing advice to technical and non-technical colleagues
* Engaging or interacting with professional networks

Enter your text here

**D2. Clearly present and discuss proposals, justifications and conclusions**

**Examples of evidence:**

* Contributing to scientific papers or articles as an author
* Preparing and delivering presentations on strategic matters
* Preparing bids, proposals or studies
* Identifying, agreeing and leading work towards collective goa

Enter your text here

**D3. Demonstrate personal and social skills and awareness of diversity and inclusion issues**

**Examples of evidence:**

* Knowing and managing own emotions, strengths and weaknesses
* Being confident and flexible in dealing with new and changing interpersonal situations
* Identifying, agreeing and working towards collective goals
* Creating, maintaining and enhancing productive working relationships, and resolving conflicts
* Being supportive of the needs and concerns of others, especially where this relates to diversity and inclusion

Enter your text here

**E. PERSONAL AND PROFESSIONAL COMMITMENT**

**Chartered Engineers shall demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment**

This competence is about ensuring that the applicant is acting in a professional manner in their work and in their dealings with others. A Chartered Engineer should set a standard and example to others with regard to professionalism.

**You shall demonstrate that you:**

**E1. Understand and comply with relevant codes of conduct**

**Examples of evidence:**

* Demonstrating compliance with your Licensee’s Code of Professional Conduct
* Identifying aspects of the Code which are particularly relevant to your role
* Being aware of the legislative and regulatory frameworks relevant to your role and how they conform to them
* Leading work within relevant legislation and regulatory frameworks, including social and employment legislation

Enter your text here

**E2. Understand the safety implications of their role and manage, apply and improve safe systems of work**

**Examples of evidence:**

* Identifying and taking responsibility for your own obligations and ensuring that others assume similar responsibility for health, safety and welfare issues
* Ensuring that systems satisfy health, safety and welfare requirements
* Developing and implementing appropriate hazard identification and risk management systems and culture
* Managing, evaluating and improving these systems
* Applying a sound knowledge of health and safety legislation, for example: HASAW 1974, CDM regulations, ISO 45001 and company safety policies

Enter your text here

**E3. Understand the principles of sustainable development and apply them in their work**

**Examples of evidence:**

* Operating and acting responsibly, taking account of the need to progress environmental, social and economic outcomes simultaneously
* Providing products and services which maintain and enhance the quality of the environment and community, and meet financial objectives
* Recognising how sustainability principles, as described in the Guidance on Sustainability (see: www.engc.org.uk/sustainability), can be applied in your day-to-day work
* Understanding and securing stakeholder involvement in sustainable development
* Using resources efficiently and effectively in all activities
* Taking action to minimise environmental impact in your area of responsibility

Enter your text here

**E4. Carry out and record the Continuing Professional Development (CPD) necessary to maintain and enhance competence in their own area of practice**

**Examples of evidence:**

* Undertaking reviews of your own development needs • Planning how to meet personal and organisational objectives
* Carrying out planned and unplanned CPD activities
* Maintaining evidence of competence development
* Evaluating CPD outcomes against any plans made
* Assisting others with their own CPD

Enter your text here

**E5. Understand the ethical issues that may arise in their role and carry out their responsibilities in an ethical manner**

**Examples of evidence:**

* Understanding the ethical issues that you may encounter in your role
* Giving an example of where you have applied ethical principles as described in the Statement of Ethical Principles (see: [www.engc.org.uk/ethics](http://www.engc.org.uk/ethics))
* Giving an example of where you have applied or upheld ethical principles as defined by your organisation or company

Enter your text here

**SECTION 4: PERSONAL COMMITMENT**

The ICorr Code of Professional Conduct can be viewed via the ICorr website [www.icorr.org/wp-content/uploads/2019/05/01-CODE-OF-PROFESSIONAL-CONDUCT-7th-Edition-april-2019.pdf](http://www.icorr.org/wp-content/uploads/2019/05/01-CODE-OF-PROFESSIONAL-CONDUCT-7th-Edition-april-2019.pdf). Submitting the completed application form acts as confirmation of your agreement to adhere to the ICorr Code of Professional Conduct. Please indicate your acceptance using the declaration below.

Declaration and Data Protection: I have read the ICorr Code of Professional Conduct and declare that I will adhere to the Code and will endeavour to uphold these principles. I also confirm I understand that the information contained in this form will be processed in accordance with the data protection principles enshrined in the General Data Protection Regulation (GPDR). I also understand that details pertinent to my application, registration and Chartered Status history will be held on computer in terms of the GPDR. I also understand that my data will be passed to Engineering Council, and they will become

joint controllers of my data with SOE/ICorr for the purposes of registering me.

|  |  |
| --- | --- |
| Name: |  |
| Signature: |  |
| Date: |  |

ICorr Data Protection Policy can be found online at <https://www.icorr.org/quality-management/>

**SECTION 6: CHECKLIST AND SUBMISSION**

Below is a checklist of all documentation required for attachment and submission of your application. Please complete this list prior to submission and ensure you keep copies of all documents you submit.

|  |  |
| --- | --- |
|  | Application form completed |
|  |  |
|  | Academic qualification evidence (certificates, transcripts etc) attached and verified by a sponsor as true copies of the originals. The sponsor could be a professional person or, alternatively an HR or senior manager at your place of work. |
|  |  |
|  | Organisational chart clearly identifying your current position and role |
|  |  |
|  | The Engineering Council Continuing Professional Development (CPD) Code for Registrants has been read  The EngC CPD Code for Registrants can be found in UK-SPEC or accessed via the following link: [www.engc.org.uk/engcdocuments/internet/Website/UK-SPEC%20third%20edition%20(1).pdf](http://www.engc.org.uk/engcdocuments/internet/Website/UK-SPEC%20third%20edition%20(1).pdf) |
|  |  |
|  | CPD records for the last three years submitted |
|  |  |
|  | Career Development Plan identifying how you aspire to develop and progress in the future as a registered Chartered Engineer |

|  |  |
| --- | --- |
|  | Any other documents deemed relevant to your application. |

|  |  |
| --- | --- |
|  | Case study |

|  |  |
| --- | --- |
|  | CEng Registration Fee - £250.00 |

Once this form and the checklist above are complete, please save the form and email it to [**enquiries@icorr.org**](mailto:enquiries@idgte.org) along with all documentation required.

**SECTION 7: WHAT HAPPENS NEXT**

Your application will firstly be reviewed by ICorr personnel and then by SOE staff to ensure it is complete. If the evidence you have supplied is sufficient, your academic qualifications will then be reviewed. If you possess Recognised Qualifications (an accredited integrated Master’s degree or a combination of accredited Bachelors and Masters degrees), your application will then undergo assessment against the UK-SPEC standard of competence. If you do not possess Recognised Qualifications then your application will be subject to Individual Assessment, during which your qualifications and any other relevant learning, will be reviewed against the Engineering Council requirements of Accreditation of Higher Education Programmes. To support this, you may be asked to provide further information on your qualifications and relevant learning, or possibly to a write a technical/experiential report and attend an associated interview Following a successful Individual Assessment, your application will then be assessed against the UK-SPEC standard of competence.

The assessment against the UK-SPEC standard of competence is undertaken in two stages. In the first stage your application will be submitted to a panel of suitably qualified and registered SOE members for peer review (Professional Review of Competence and Commitment). We will then either invite you to a Professional Review Interview or contact you if we need further information. The Professional Review Interview is the second stage of the process, in which .your portfolio of evidence against the requirements will be tested by a panel of suitably qualified and registered SOE members (a minimum of two). The panel will then make a recommendation as to whether you meet the requirements for registered Chartered Engineer.

The assessment against the UK-SPEC standard of competence is undertaken in two stages. In the first stage your application will be submitted to a panel of suitably qualified and registered SOE members for peer review (Professional Review of Competence and Commitment). We will then either invite you to a Professional Review Interview or contact you if we need further information. The Professional Review Interview is the second stage of the process in which your portfolio of evidence against the requirements will be tested by a panel of suitably qualified and registered SOE members (a minimum of two). The panel will then make a recommendation as to whether you meet the requirements for registered Chartered Engineer.

**WHAT TO PREPARE?**

The PRI is based on the information you submitted with your application form and supporting documentation.

In preparation for the PRI, it is recommended that you:

1. Read through your application form and supporting documentation thoroughly. You are advised to attend the PRI with a good idea of exactly which projects and examples you are going to use to highlight your qualifications and that best demonstrate your achievement of the competencies.
2. Collate evidence (calculations, drawings, project plans, photographs, etc) indexed against each of the competencies. Note that there will be time constraints so choose items that most succinctly demonstrate your competencies. The evidence must be your own work, or larger pieces of work in which your personal contribution is identified and substantiated.
3. The interviewers will focus on your most recent and relevant experience and you will be assessed solely on the information you provide and your performance during the PRI.
4. Be prepared to discuss your past CPD experience and your future career development strategy with the interviewers.
5. Read through the ICorr Code of Professional Conduct and make sure you are familiar with the code.
6. Be familiar with the Engineering Council Guidance on Ethics, Sustainability, Whistleblowing and Security

**WHAT TO BRING**

You must bring the following items with you to the PRI:

* Legal photo identification in the form of a passport, driver’s licence, etc
* Original or certified true copies of any certificates you submitted with your application
* Any additional evidence you wish to present (calculations, drawings, project plans, photographs, etc)

**DURING THE INTERVIEW**

The PRI will run for approximately one hour. You will be assessed against the evidence of competence and commitment you provided in the Personal Competence statements. The PRI will be conducted by two experienced, qualified and trained interviewers and will be conducted in English

During the PRI you may choose to give a career overview presentation that highlights areas of responsibility and experience to support your case. This is not a requirement, but it will be necessary to present documentary evidence to support your application.

You will be questioned in depth to confirm your knowledge and involvement and will be assessed not only on your technical background, but also on your communication skills and your ability to respond and explain answers clearly and concisely.

Structure your responses in the first person and use “I” as opposed to “we” or “team”.

Registration requires breadth of experience and the ability to transfer capability from one area of work to another; therefore it is recommended that you are able to present a suitable range of work.

The interviewers will complete an assessment sheet and a report containing a recommendation that reflects their professional judgement as to whether your competency and commitment as required in the UK-SPEC has been satisfactorily demonstrated.

Note that you will not be informed of the outcome of the interview during or immediately after the PRI.

**AFTER THE PRI**

The interviewers will complete their report, which will then be presented to the SOE Membership and Standards Committee for consideration who will make the final decision on whether to confirm the interviewers’ recommendation.

You will then be informed by SOE/ICorr of the outcome via email as soon as practicable.

If successful, Engineering Council will be informed by SOE of your registration. Engineering Council will issue your welcome pack, including a registration certificate to ICorr who will forward to you, and only then will you be able to formally use your new post nominal letters. If you have not received your welcome pack within four weeks of notification, please contact us.

If unsuccessful, we will write to you and explain the reason for this decision, including any recommendations and advice from the PRI interviewers. You will be guided on how to resubmit your application at a later date.

If you are applying for Individual Assessed Route, we will advise you of the procedure that relates to your particular application.

SOE/ICorr has an appeals process where applicants who are not satisfied with the outcome may appeal. More information can be obtained from ICorr on request.

**APPLICATION FEE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Members Name and address | | | | CEng Application Fee  Member No: | | |
| Item | Qty | Unit | Description | | Unit Price (£) | Total (£) |
|
| Fee request | | | | |  |  |
| 1 | 1 | No | Engineering Council Application Fee 2021 for CEng | | £250.00 | £250.00 |
| 2 | 1 | No | Application handling fee. | | £25.00 | £25.00 |
|  | | | | | TOTAL | £275.00 |

**For payment, please contact Institute of Corrosion.**