

CHARTERED ENVIRONMENTALIST APPLICATION

Institution of
MECHANICAL ENGINEERS

Return your application to:

Institution of Mechanical Engineers

1 Birdcage Walk
Westminster
London SW1H 9JJ

For help with your application:

UK telephone: 0845 226 9191

Int telephone: +44 (0)20 7304 6999

Fax: +44 (0)20 7233 1654

Email: cenv@imeche.org

Web: www.imeche.org

Application for **Chartered Environmentalist (CEnv)** through the Institution of Mechanical Engineers (IMechE)

About this form

Use this form if you want to apply for Chartered Environmentalist through the IMechE.

Before you begin this process you should be confident that you meet the current requirements.

Eligibility

In order to become a CEnv through the IMechE, you must be a full Member of the Institution and be a Chartered Engineer; or an Incorporated Engineer who holds a relevant (sustainability/environmental) Masters level qualification. You must demonstrate Masters level knowledge and understanding, as well as demonstrate sufficient relevant and responsible practical experience. You must also demonstrate underpinning environmental knowledge and an ability to apply this in practice and must have a direct and distinct environment focus and/or context. Full requirements can be found in the guidance notes for this form.

The application process

Once you have completed all sections of this form, please return it to the address at the top of the page. Once we have processed your application we will let you know whether you have progressed to the interview stage, and if so, where and when this will take place.

This form has four sections

You must complete all sections before you submit your application:

1. About you
2. Career history and organisation chart
3. Personal CEnv competence statements
4. Development action plan
5. Sponsors

Using this form

- Please type using a black font or complete in block capitals using black ink only
- If you make a mistake please clearly cross through it and correct it – you do not need to request a new form
- Please fill in all applicable fields in this form

Support text is shown alongside questions at the point of need. Further guidance can be found in the guidance notes for this application, which should be read before beginning your application.

Application checklist

- Have you signed and completed the application form?
- Have your sponsors signed the application form?
- Have you enclosed the application fee and the first year's SocEnv fee?
- Have you enclosed an organisational chart?

Section 1: About you

Part A: Personal and employment details

Personal details

Title

Mr Mrs Miss Ms Other:

First name

Surname

Date of birth

Membership number

Address

Country Post code

Personal Email

Home phone

Mobile phone

Employment details

Job title

Date appointed to company

Name of employing organisation

Department

Address

Country Post code

Email

Work phone

Part B: Your education

Undergraduate

University name

Degree designation (eg BEng/MEng)

Full title of degree (eg Mechanical Engineering)

Course type (eg full-time, part-time, sandwich)

Degree classification (eg 2.2 Hons)

Date of admission

Date of graduation

Postgraduate

University name

Degree designation (eg MSc, PhD)

Full title of degree (eg Aero Engineering)

Course type (eg full-time, part-time, sandwich)

Degree classification (eg Pass, Distinction)

Date of admission

Date of graduation

Part B: Your education (continued)

Other qualifications

Please give details of all qualifications gained before your degree (eg National Diplomas, HNC)

Part C: Your area of expertise

Please tick up to three fields that best describe your current area of engineering activities. This information is used solely to process your application.

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Aerospace | <input type="checkbox"/> Environmental Mgt. Systems | <input type="checkbox"/> Manufacturing Industries | <input type="checkbox"/> Royal Navy |
| <input type="checkbox"/> Army | <input type="checkbox"/> Gas Industry | <input type="checkbox"/> Mining & Quarrying | <input type="checkbox"/> Royal Air Force |
| <input type="checkbox"/> Automobile Industry | <input type="checkbox"/> Government Inspectors and Engineers | <input type="checkbox"/> National Health Service | <input type="checkbox"/> Shipping/General Insurance |
| <input type="checkbox"/> Bio-Medical | <input type="checkbox"/> Health and Safety Officers | <input type="checkbox"/> Nuclear Engineering | <input type="checkbox"/> Steel Production/Drilling |
| <input type="checkbox"/> Building Services | <input type="checkbox"/> Higher Education | <input type="checkbox"/> Oil Industry and Offshore Engineering | <input type="checkbox"/> Telecommunications |
| <input type="checkbox"/> Computers and IT | <input type="checkbox"/> Machine Tools | <input type="checkbox"/> Power/Non-Nuclear | <input type="checkbox"/> Water Industry |
| <input type="checkbox"/> Consulting Engineers | <input type="checkbox"/> Maintenance Engineering | <input type="checkbox"/> Process Industries | <input type="checkbox"/> Other (please specify): |
| <input type="checkbox"/> Control and Instrumentation | <input type="checkbox"/> Management Consultants | <input type="checkbox"/> Railway Engineering | <input type="text"/> |
| <input type="checkbox"/> Defence Industry Systems | | | |

Part D: Staying in touch

We would like to keep you informed of relevant services that may be of benefit to you. Please tick the boxes below to let us know what you'd like to hear about.

- News and updates from the Institution
 Events and training opportunities
 Services and offers from our preferred partners

Your personal data is stored on our membership database and treated with the highest confidentiality in line with current data protection legislation. For more information visit www.imeche.org/privacypolicy

Section 2: Your career history and organisation chart

Part A: Description of current role and organisation

Please provide a description of your current role, the organisation and its objectives.

Part B: Your career history

Include a brief summary of your career history in reverse chronological order; give a brief description of each role held since election as MIMechE and the dates the positions were held.

Part C: Your organisation chart

 We need to see an organisation chart of your current employment which clearly shows your position within the organisation, any direct reports that you have, specifically mentioning if any of your direct reports are registered engineers. You should put a ring around your position to highlight it. Please ensure that it is A4 and legible in black and white. Please use a paperclip to securely attach your organisation chart over this page.

The purpose of the organisation chart is to help us understand the size and type of organisation for which you work, and where your own personal accountability lies.

If you are not part of an organisation, please fill out the fields below.

For applicants who are not part of an organisation

Please describe your direct clients

Please describe who you report to
(e.g. Board, CEO, MD, Head of Engineering)

Section 3: Personal CEnv competence statements

What do we mean by competence?

Professional competence combines knowledge, understanding, skills and values. It's about more than just being able to perform a specific task; it's being able to do it correctly, safely, effectively and consistently.

These competence requirements are based on those specified by the Society for the Environment (SocEnv).

What characteristics are we looking for?

Chartered Environmentalists are characterised by their ability to demonstrate they have a high level of environmental knowledge, understanding and skills to protect and enhance the environment in a sustainable way.

The relevant work based practice may comprise paid employment, voluntary activity, academic work placements or research, (but may not comprise pure academic study). CEnv through the IMechE recognises the level of professional practice among people operating within the different environmental disciplines and knowledge bases found within the domain of mechanical engineering.

How should I use this section?

Please ensure that each of the four parts is no more than 500 words – which is a total of approximately 2,000 for the whole section. All sub competences **MUST** be addressed for the overall competence to be complete, i.e. A1, A2 and A3 for competence A.

Competence title

A: Optimise the application of technology

Sub-competencies

This is the framework you need to demonstrate how you've met the CEnv competence objectives. You need to address every sub competence (i.e. A1, A2 and A3), and the guidance notes examples should help to focus your answers.

The sub-competencies are based on the requirements specified by SocEnv. Full examples of the various abilities you should normally demonstrate are listed in the guidance notes

A1: Have underpinning knowledge of sustainability principles in the management of the environment

i.e. understand the wider environmental context in which the area of study or work is being undertaken

A2: Apply environmental knowledge and principles in pursuit of sustainable environmental management in professional practice

i.e. conceptualise and address problematic situations that involve many interacting environmental factors

EXAMPLE

A: Application of knowledge and understanding of the environment to further the aims of sustainability

Please see guidance notes for full examples and ensure you address ALL sub competences within a competence.

A1: Have underpinning knowledge of sustainability principles in the management of the environment.

i.e. critically analyse, interpret and evaluate complex environmental information to determine sustainable courses of action

A2: Apply environmental knowledge and principles in pursuit of sustainable environmental management in professional practice.

i.e. determine and use appropriate methodologies and approaches

A3: Analyse and evaluate problems from an environmental perspective, develop practical sustainable solutions and anticipate environmental trends to develop practical solutions.

i.e. analyse and evaluate problems, some complex, from an environmental perspective working sometimes with complex data

B: Leading Sustainable Management of the Environment

Please see guidance notes for full examples.

B1: promote behavioural and cultural change by influencing others in order to secure environmental improvements that go beyond minimum statutory requirements.

i.e. develop good practices by actively learning from results to improve future environmental solutions and approaches / help, mentor and support others to understand the wider environmental picture

B2: promote a strategic environment approach.

i.e. demonstrate self direction and originality in developing strategies for sustainable development and environmental improvement / identify areas of uncertainty and risk including health and safety, environmental, technical, business and reputational

B3: Demonstrate leadership and management skills.

i.e. exercise autonomy and judgement across environmental and sustainability issues / motivate and influence others to agree and deliver environmental objectives / identify individual needs, plan for their development, assess individual performance and provide feedback

D: Personal commitment to professional standards, recognising obligations to society, the profession and the environment

Please see guidance notes for full examples.

D1: Encourage others to promote and advance a sustainable and resilient approach by understanding their responsibility for environmental damage and improvement

i.e. inform and encourage others to consider environmental sustainability issues and the consequence of their decisions and actions

D2: Take responsibility for personal development and work towards and secure change and improvements for a sustainable future

i.e. have a strong desire to learn

D3: Demonstrate an understanding of environmental ethical dilemmas

ie. understand the nature of professional responsibility

D4: Comply with relevant codes of conduct and practice

Section 4: Development Action Plan

Your development as an engineer will never stop; you should make a commitment to keep up to date with the profession. This section lets us know what you plan to do over the next few years.

Your responses should tell us where you are now, where you want to be, and how you plan to get there.

Some things you might want to consider include:

- Work-based learning
- Distance learning
- Special work projects
- Writing technical papers
- Mentoring
- Voluntary work
- Institution activity or committee work
- Visiting schools to promote engineering
- Seminar/conference presentations
- Any relevant course
- Private study

Keep your goals short and concise. Each answer should be no longer than 50 words – that's 150 in total.

Short term goals: 6–12 months

Medium term goals: 12–24 months

Long term goals: 2–5 years

Section 5: Sponsors

Applicants for CEnv registration should be sponsored by two mentors, sponsors or supervisors, ideally one would be a Chartered Environmentalist or a professionally registered engineer.

I understand that, by acting as sponsor, I will be supporting this applicant and confirm the authenticity of the application and that it fairly represents the applicant's ability and achievements.

First sponsor

Title

Mr Mrs Miss Ms Other:

First name

Surname

Date of birth

IMechE M'ship / EC number / CEnv Number (if applicable)

Address

Country

Post code

Class and Institution (eg CEng MIMechE, if applicable)

Email

Signature

Date

Second sponsor

Title

Mr Mrs Miss Ms Other:

First name

Surname

Date of birth

IMechE M'ship / EC number / CEnv Number (if applicable)

Address

Country

Post code

Class and Institution (eg CEng MIMechE, if applicable)

Email

Signature

Date

Office use only: Applicant should not fill in this section

ACK sent

SocEnv Fee received

Initial assessment result

Application fee received

Application check

Interview result