

EngTech Competence Statement

PRIVATE AND CONFIDENTIAL WHEN COMPLETE
STATEMENT OF COMPETENCES TO BE FILLED IN BY APPLICANTS FOR EngTech
TO BE RETURNED WITH YOUR APPLICATION FORM

The following information provides examples showing how you consider that you meet the competences for Engineering Technician as set out in the Engineering Council UK Standard for Professional Engineering Competence and Commitment (UK-SPEC) Fourth Edition.

You may use as few or as many words as you feel are appropriate to convey your evidence for each competency. However, it would be appreciated if you could keep it short and concise at under 300 words per competence

Engineering Technician must be competent throughout their working life, by virtue of their education, training and experience, to:

A. Use engineering knowledge and understanding to apply technical and practical skills.

A1. Review and select appropriate techniques, procedures and methods to undertake tasks.

Examples of evidence:

- Evaluating potential methods of carrying out an engineering task and selecting the most appropriate solution
- Recognising a difficulty and then identifying an approach to resolve it
- Identifying an improvement in a technique, procedure, process or method
- Interpreting and carrying out test procedures

Please type your responses below:

A2. Use appropriate scientific, technical or engineering principles.

Examples of evidence:

- Drawing on your technical knowledge to complete a task
- Performing calculating using standard formulae
- Analysing performance or test data or comparing performance information with published material

Please type your responses below:

B. Contribute to the design, development, manufacture, construction, commissioning, decommissioning, operation or maintenance of products, equipment, processes, systems or services.

B1. Identify problems and apply appropriate methods to identify causes and achieve satisfactory solutions.

Examples of evidence:

- Using knowledge to identify a problem or an opportunity for improvement
- Investigating a problem to identify the underlying cause
- Identifying a solution to a problem or an improvement opportunity
- Contributing to the design of an item or process

Please type your responses below:

B2. Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental impact.

Examples of evidence:

- Balancing these factors in selecting appropriate materials
- Identifying precautions as a result of evaluating risks and other factors
- Considering how waste can be minimised, recycled or disposed of safely if recycling is not possible
- Improving the quality of an operation or process

Please type your responses below:

C. Accept and exercise personal responsibility.

C1. Work reliably and effectively without close supervision, to the appropriate codes of practice.

Examples of evidence:

- Completing challenging tasks successfully within your area of work
- Identifying issues which fall outside of your current knowledge and seeking advice
- Identifying standards and codes of practice relevant to a new task

Please type your responses below:

C2. Accept responsibility for work of yourself or others.

Examples of evidence:

- Fully understand drawings, permits to work, instructions or other similar documents after appropriate checking, and identifying issues
- Inspecting work carried out by others
- Checking the status of equipment, the work environment and faculties and taking appropriate actions before commencing work

Please type your responses below:

C3. Accept, allocate and supervise technical and other tasks.

Examples of evidence:

- Ensuring that the scope of a task is clear before accepting and/or allocating it to others
- Querying any aspect of a task which is not clear and/or providing an explanation if a query is raised by others
- Learning from your own experience and/or providing constructive feedback when supervising or working with others

D. Use effective communication and interpersonal skills.

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

Examples of evidence:

- Contributing to meetings and discussions
- Preparing communications, documents and reports on technical matters
- Exchanging information and providing advice to technical and non-technical colleagues

Please type your responses below:

D2. Work effectively with colleagues, clients, suppliers or the public.

Examples of evidence:

- Contributing constructively as part of a team
- Successfully resolving issues in discussions with team members, suppliers, clients and/or others
- Persuading others to accept suggestions or recommendations
- Identifying, agreeing and working towards collective goals

Please type your responses below:

D3. Demonstrate personal and social skills and awareness of diversity and inclusions issues.

Examples of evidence:

- Knowing and managing own emotions, strengths and weaknesses
- Being confident and flexible in dealing with new and changing interpersonal situations
- 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

Please type your response below:

E. Demonstrate commitment to an appropriate code of professional conduct, recognising obligations to society, the profession and the environment.

E1. Understand and comply with relevant codes of conduct.

Examples of evidence:

- Demonstrating compliance with your Licensee's Code of Professional Conduct
- Working within all relevant legislative and regulatory frameworks, including social and employment legislation

Please type your responses below:

E2. Understand the safety implications of your role and apply safe systems of work.

Examples of evidence:

- Providing evidence of applying current safety requirements, such as risk assessment and other examples of good practice you adopt in your work
- A sound knowledge of health and safety legislation, for example: HASAW 1974, CDM regulations, ISO 45001 and company safety policies

Please type your responses below:

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

Examples of evidence:

- Recognising how sustainability principles, as described in the Guidance on Sustainability on page 48, can be applied in your day-to-day work
- Identifying actions that you can and have taken to improve sustainability

Please type your responses below:

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

Examples of evidence:

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

Please type your responses below:

E5. Understand the ethical issues that may arise in your role and carry out your 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 on page 47
- Giving an example of where you have applied or upheld ethical principles as defined by your organisation or company

Please type your responses below: