

PROFESSIONAL INSTITUTION REGISTRATION

UK - SPEC ENGINEERING TECHNICIAN

STANDARDS OF COMPETENCE AND COMMITMENT FOR ENGINEERING TECHNICIANS		
	<p>Engineering Technicians must be competent throughout their working life, by virtue of their education, training and experience, to:</p>	Tell us about your career and the education and training you have received. Explain how the experience you have gained has made you more competent.
A	<p>Use engineering knowledge and understanding to apply technical and practical skills.</p> <p><i>This includes the ability to:</i></p>	The reviewers will be looking for evidence that you have the know-how to do the job, and were able to go beyond the immediate requirements and use your experience to solve a problem or improve a process.
A1	Review and select appropriate techniques, procedures and methods to undertake tasks;	Describe something in your work you were involved in which didn't quite work and explain why.
A2	Use appropriate scientific, technical or engineering principles.	Drawing from your direct experience this might be an explanation of how a piece of equipment, system or mechanism works.
B	<p>Contribute to the design, development, manufacture, construction, commissioning, operation or maintenance of products, equipment, processes, systems or services.</p> <p><i>In this context, this includes the ability to:</i></p>	Explain how you contribute to one or more of these activities.
B1	Identify problems and apply diagnostic methods to identify causes and achieve satisfactory solutions;	Show an example of how you have used measurement, monitoring and assessment to identify the source of a problem.
B2	Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety and environmental impact.	Illustrate how you make decisions about what material, component, people or plant to use or how to introduce a new method of working.

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<p>C</p> <p>Accept and exercise personal responsibility.</p> <p><i>This may include the ability to:</i></p> <p>C1 Work reliably and effectively without close supervision, to the appropriate codes of practice;</p> <p>C2 Accept responsibility for work of self and others</p> <p>C3 Accept, allocate and supervise technical and other tasks.</p>	<p>Describe an experience or instance where you have had to accept personal responsibility foreseeing a process through to completion within agreed targets.</p> <p>Your evidence should show how you personally identified and agreed with what had to be done and to what standards on a typical project.</p> <p>Minutes of meetings; site notes and instructions; variation orders; programmes.</p> <p>Personally agree and identify areas of work; specifications, drawing and reports; appraisals. Voluntary work not associated with your job can contribute evidence.</p>
<p>D</p> <p>Use effective communication and interpersonal skills.</p> <p><i>This includes the ability to:</i></p> <p>D1 Use oral, written and electronic methods for the communication in English of technical and other information;</p> <p>D2 Work effectively with colleagues, clients, suppliers and the public.</p>	<p>You will need to show you can: contribute to discussions; make a presentation; read and synthesise information; write different types of documents.</p> <p>Letters, faxes, reports, drawings, advice, minutes, including of progress meetings, appraisals, work instructions and other planning and organising documents. Certificated by colleagues, clients, customers or management. Your application itself will be relevant.</p> <p>Examples of how this has occurred, and your role at the time.</p>
<p>E</p> <p>Make a personal commitment to an appropriate code of professional conduct, recognising obligations to society, the profession and the environment.</p> <p><i>In order to satisfy this commitment they must:</i></p>	<p>Your commitment will be to become part of the profession and uphold the standards to which all members subscribe. You need to show that you have read and understood your Institution Code of Conduct.</p>

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E1	Comply with the Codes and Rules of Conduct of their Licensed Institution or Professional Affiliate;	You will need to sign a personal undertaking. The professional review involves demonstration of, or discussion of, your position on typical ethical challenges.
E2	Manage and apply safe systems of work;	Evidence of current safety requirement - examples of good practice you adopt in your work. Will need to show that you have received a formal safety instruction relating to your workplace, such as a CSCS safety test, or an update on statutory regulations such as COSHH requirements.
E3	Undertake their engineering work making and utilising risk assessments, and observing good practice with regard to the environment;	Examples of methodical assessment of risk in specific projects; actions taken to minimise risk to health, safety or the environment.
E4	Carry out continuing professional development, including opportunities for this offered by their Institution, to ensure competence in areas and at the level of future intended practice.	This means demonstrating that you have actively sought to keep yourself up to date, perhaps by studying new standards or techniques, and made use of magazines, Branch meetings, and other opportunities to network in order to keep abreast of change.