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| **Name:** |

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| **A - Knowledge and understanding**  **Engineering Technicians shall use engineering knowledge and understanding to apply technical and practical skills.** | | |
| The applicant shall demonstrate that they: | Examples of evidence: | Please describe how and why you believe you meet this standard: |
| **A.1. Review and select appropriate techniques, procedures and methods to undertake tasks** | * 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 |  |
| **A.2. Use appropriate scientific, technical or engineering principles** | * Drawing on your technical knowledge to complete a task * Performing calculations using standard formulae * Analysing performance or test data or comparing performance information with published material |  |

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| **B - Design, development and solving engineering problems**  **Engineering Technicians shall contribute to the design, development, manufacture, construction, commissioning, decommissioning, operation or maintenance of products, equipment, processes, systems or services.** | | |
| The applicant shall demonstrate that they: | Examples of evidence: | Please describe how and why you believe you meet this standard: |
| **B.1. Identify problems and apply appropriate methods to identify causes and achieve satisfactory**  **solutions** | * 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 |  |
| **B.2**. **Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental impact** | * 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 * Contributing to best practice methods of continuous improvement * Improving the quality of an operation or process |  |

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| **C - Responsibility, management and leadership**  **Engineering Technicians shall accept and exercise personal responsibility.** | | |
| The applicant shall demonstrate that they: | Examples of evidence: | Please describe how and why you believe you meet this standard: |
| **C.1. Work reliably and effectively without close supervision, to the appropriate codes of practice** | * 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 |  |
| **C.2. Accept responsibility for the work of themselves or others** | * Fully understanding 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 facilities and taking appropriate actions before commencing work |  |
| **C.3. Accept, allocate and supervise technical and other tasks** | * 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 |  |

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| **D - Communication and interpersonal skills**  **Engineering Technicians shall use effective communication and interpersonal skills.** | | |
| The applicant shall demonstrate that they: | Examples of evidence: | Please describe how and why you believe you meet this standard: |
| **D.1.** **Communicate effectively with**  **others, at all levels, in English** | * Contributing to meetings and discussions * Preparing communications, documents and reports on technical matters * Exchanging information and providing advice to technical and non-technical colleagues |  |
| **D.2. Work effectively with colleagues, clients, suppliers or the public** | * 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 |  |
| **D.3. Demonstrate personal and social skills and awareness of diversity and inclusion issues** | * 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 |  |

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| **E - Personal and professional commitment**  **Engineering Technicians shall demonstrate commitment to an appropriate code of professional conduct, recognising obligations to society, the profession and the environment.** | | |
| This includes the ability to: | Examples of evidence: | Please describe how and why you believe you meet this standard: |
| **E.1. Understand and comply with relevant codes of conduct** | * Demonstrating compliance with your Licensee’s Code of Professional Conduct * Working within all relevant legislative and regulatory frameworks, including social and employment legislation. |  |
| **E.2. Understand the safety implications of their role and apply safe systems of work** | * 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 |  |
| **E.3. Understand the principles of sustainable development and apply them in their work** | * 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 |  |
| **E.4. Carry out and record the Continuing Professional Development (CPD) necessary**  **to maintain and enhance competence in their own area of practice** | * Undertaking 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 |  |
| **E.5. Understand the ethical issues that may arise in their role and carry out their responsibilities in an ethical manner** | * 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 |  |