

ACQUIRED COMPETENCE SELF-ASSESSMENT WORKSHEET

(For applicant's use only)

(Use this worksheet as a guide to help you to decide the evidence to include in your work experience statement.

You have the option to upload your completed self-assessment worksheet with your application)

Acquired Competency	Developing	Functional	Proficient	What this competence means in practice	Cross reference to work experience statement or employment history
Personal commitment					
Deal with ethical issues				<i>means</i> you demonstrate an understanding of the ethical issues associated with your work or practice area, and how these are managed collectively by your organisation, project or team; and <i>means</i> you demonstrate an ability to identify ethical issues when they arise, and to act appropriately	Will be confirmed in interview and with referees
Practise competently				<i>means</i> you recognise the competencies and resources appropriate to engineering activities Mark as 'Proficient' if you have met Engineers Australia's CPD requirement.	
Responsibility for engineering activities				<i>means</i> you adopt a personal sense of responsibility for your work For Professional engineers also <i>means</i> you clearly acknowledge your own contributions and the contributions from others and distinguish contributions you may have made as a result of discussions or collaboration with other people.	The assessor will determine this from the descriptions you give in your <i>work experience statement</i>
Obligation to the community					

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Acquired Competency	Developing	Functional	Proficient	What this competence means in practice	Cross reference to work experience statement or employment history
Develop safe and sustainable solutions				<p><u>Professional engineers</u> means that you apply and implement current workplace health and safety requirements; and means that you identify the economic, social and environmental impacts of engineering activities; and means that you anticipate and manage the short and long-term effect of engineering activities</p> <p><u>Engineering Technologists</u> means that you apply current workplace health and safety requirements; and means that you understand the short and long-term implications of the engineering activities.</p> <p><u>Engineering Associates</u> means that you apply current workplace health and safety requirements; and means that you recognise the short and long-term implication of the engineering activities.</p>	<p>Example: e.g. OHS Reviews, Recycling, Sustainability Measures</p> <p>Example: e.g. OHS Reviews, Recycling, Sustainability Measures</p> <p>Example: - e.g. OHS Reviews, Recycling, Sustainability Measures</p>

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Engage with relevant community and stakeholders				<p>Professional engineers <i>means</i> you identify stakeholders, individuals or groups of people who could be affected by the short, medium and long-term outcomes of engineering activities, or could exert influence over the engineered outcomes, including the local and wider community; and <i>means</i> you identify stakeholder interests, values, requirements and expectations using the terminology of the stakeholder through consultation and accurate listening; and <i>means</i> you work ethically to influence perceptions and expectations of stakeholders and negotiate acceptable outcomes in the best overall interest of relevant communities.</p>	Example: e.g. Communities, Stakeholders, Public Interest issues

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				<p>Engineering Technologists <i>means</i> that you identify the communities and stakeholders who could be affected by engineering activities; and <i>means</i> that you identify and interpret the needs and expectations of the relevant community and stakeholders; and <i>means</i> that you understand and consider relevant public interest issues.</p> <p>Engineering Associates <i>means</i> that you recognise the communities and stakeholders who could be affected by <i>engineering activities</i>; and <i>means</i> that you recognise the needs and expectations of the relevant community and stakeholders; and <i>means</i> that you understand and consider relevant public interest issues.</p>	<p>Example: e.g. Communities, Stakeholders, Public Interest issues</p> <p>Example: e.g. Communities, Stakeholders, Public Interest issues</p>
Identify, assess and manage risks				<p>Professional Engineers <i>means</i> that you develop and operate within a hazard and risk framework appropriate to engineering activities</p>	<p>This element can be met if you work in a firm with a third party audited risk management/ work practice management system or a third party audited quality or product certification system.</p>

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				<p>Engineering Technologists <i>means</i> that you understand and can analyse a hazard and risk framework appropriate to engineering activities</p> <p>Engineering Associates <i>means</i> that you understand and operate within a hazard and risk framework appropriate to engineering activities</p>	Mark as Proficient if you can demonstrate one of the above
Meet legal and regulatory requirements				<p>Professional Engineers <i>means</i> that you should be able to demonstrate an understanding of the laws, regulations, codes and other instruments which you are legally bound to apply, and apply these in your work</p> <p>Engineering Technologists <i>means</i> that you should be able to understand the laws, regulations, codes and other instruments which you are legally bound to apply, and apply these in your work</p>	<p>Example: e.g. Law/Regulation, Australian Standards, Code of Practice</p> <p>Example: e.g. Law/Regulation, Australian Standards, Code of Practice</p>

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				<u>Engineering Associates</u> <i>means</i> that you should be able to identify the laws, regulations, codes and other instruments which you are legally bound to apply, and apply these in your work	Example: e.g. Law/Regulation, Australian Standards, Code of Practice
Value in the Workplace					
Communication				<i>means</i> that you communicate efficiently, honestly and effectively	Will be confirmed in interview and with referees
Performance				<u>Professional Engineers and Engineering Technologists</u> <i>means</i> that you demonstrate an ability to apply appropriate tools or processes to achieve corporate objectives while accounting for personal obligations to the profession <u>Engineering Associates</u> <i>means</i> that you work within an operational system to achieve corporate objectives while recognising personal obligations to others	Will be confirmed with your referees
Taking Action				<u>Professional Engineers</u> <i>means</i> that you initiate, plan, lead or manage engineering activities	Example:

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				Engineering Technologists and Engineering Associates <i>means</i> that you manage part or all of one or more engineering activities	Example:
Judgement				<i>means</i> that you exercise sound judgement in engineering activities	The assessor will determine this from the descriptions you give in your work experience statement.
Technical Proficiency					
Advanced engineering knowledge (Professional Engineers)				Professional Engineers <i>means</i> that you comprehend and apply advanced theory-based understanding of engineering fundamentals to predict the effect of engineering activities	Example:
Knowledge of technology (Engineering Technologists)				Engineering Technologists <i>means</i> that you comprehend and apply the knowledge embodied in widely accepted procedures, processes, systems or methodologies to engineering activities	Example:

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Knowledge of standardised practices (Engineering Associates)				Engineering Associates <i>means</i> that you understand and apply knowledge relevant to standard practices in operational areas	Example:
Local engineering knowledge				Professional Engineers <i>means</i> that you acquire and apply local engineering knowledge; and <i>means</i> that, where appropriate, you apply engineering knowledge contributed by other people including suppliers, consultants, contractors and independent experts Engineering Technologists and Engineering Associates <i>means</i> that you demonstrate the application of knowledge of local practices, materials, products and, as appropriate, environmental plans	Example:
Problem analysis				Professional Engineers <i>means</i> that you define, investigate and analyse engineering problems and opportunities	Example:

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				<u>Engineering Technologists</u> <i>means that you identify, investigate and analyse engineering problems</i>	Example:
				<u>Engineering Associates</u> <i>means that you identify, state and analyse engineering problems</i>	Example:
Creativity and innovation (Professional Engineers only)				<u>Professional Engineers</u> <i>means that you develop creative and innovative solutions to engineering problems</i>	Example:
Advanced operation (Engineering Technologists only)				<u>Engineering Technologists</u> <i>means that you develop and use technological equipment skilfully, creatively and reliably</i>	Example:
Predictable operation (Engineering Associates only)				<u>Engineering Associates</u> <i>means that you use technological equipment skilfully, creatively and reliably</i>	Example:
Evaluation				<u>Professional Engineers and Engineering Technologists</u> <i>means that you evaluate the outcomes and impacts of engineering activities</i>	Example:

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				<u>Engineering Associates</u> <i>means</i> that you evaluate the outcomes of engineering activities	Example: