

ENGINEERING TECHNOLOGIST

Summary Statement

These are the competency Units and Elements. These elements must be addressed in the Summary Statement (see Section C). If you are applying for assessment as an Engineering Technologist, you will need to download this page, complete it and lodge it with your application.

Competency Element	A brief summary of how you have applied the element	Paragraph number in the career episode(s) where the element is addressed
ET1 KNOWLEDGE AND SKILL BASE		
ET1.1 Comprehensive, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline	I executed the project activities with the utilization of Agricultural Engineering skills continuously throughout the project.	CE 1.3, CE 2.1, CE 3.3
ET1.2 Conceptual understanding of the mathematics, numerical analysis, statistics and computer and information sciences which underpin the engineering discipline	I conducted the utilization of conceptual engineering knowledge with the information sciences principles linked well in the work.	CE 1.4, CE 2.8, CE 3.4
ET1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline	I applied adequate research with the constant usage of technical skills which resulted well in achieving the defined project goals.	CE 1.6, CE 2.8, CE 3.10
ET1.4 Discernment of knowledge development and research directions within the engineering discipline	I implemented the research direction principles with the knowledge development principles mainly for getting the specified project results.	CE 1.8, CE 2.7, CE 3.9
ET1.5 Knowledge of contextual factors impacting the engineering discipline	I executed the technical expertise in the work which had direct relation with Agricultural Engineering knowledge for obtaining the specified work results.	CE 1.9, CE 2.10, CE 3.11
ET1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice in the specific discipline	I applied the scope of project in a suitable manner which brought timely project results.	CE 1.12, CE 2.11, CE 3.8
ET2 ENGINEERING APPLICATION ABILITY		
ET2.1 Application of established engineering methods to complex engineering problem solving	I applied the technical solutions to the issues faced in the work which had direct relation in getting the desired project output.	CE 1.7, CE 2.8, CE 3.9
ET2.2 Fluent application of engineering techniques, tools and resources	I analyzed and applied the fluent engineering techniques in the work with the constant usage of tools, resources and techniques for getting the specified work results.	CE 1.11, CE 2.12, CE 3.10

ET2.3 Application of systematic engineering synthesis and design processes	I executed the design process with the systematic engineering skills execution which was attained within the specified project time.	CE 1.9, CE 2.11, CE 3.12
ET2.4 Application of systematic approaches to the conduct and management of engineering projects	I systematically utilized the approach for obtaining the work results within the defined project timeline.	CE 1.8, CE 2.10, CE 3.11
ET3 PROFESSIONAL AND PERSONAL ATTRIBUTES		
ET3.1 Ethical conduct and professional accountability	I ethically maintained the professional conduct in the work which had direct relation in getting the specified project results.	CE 1.7, CE 2.8, CE 3.9
ET3.2 Effective oral and written communication in professional and lay domains	I effectively utilized the oral and written communication skills in the work which brought timely project results.	CE 1.6, CE 2.12, CE 3.8
ET3.3 Creative innovative and proactive demeanour	I worked on the creative skills utilization in the project with the proactive demeanour which maintained well in the work tenure.	CE 1.7, CE 2.8, CE 3.9
ET3.4 Professional use and management of information	I executed the information management principles with the usage of engineering skills for obtaining the defined project results.	CE 1.8, CE 2.9, CE 3.11
ET3.5 Orderly management of self, and professional conduct	I orderly applied the self-management skills in the work with maintaining the professional conduct throughout the project tenure.	CE 1.9, CE 2.10, CE 3.10
ET3.6 Effective team membership and team leadership	I effectively utilized the team membership skills in the work which provided desired project results within the defined work timeline.	CE 1.10, CE 2.11, CE 3.12