

PROFESSIONAL ENGINEER

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 a Professional Engineer, 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
PE1 KNOWLEDGE AND SKILL BASE		
PE1.1 Comprehensive, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline	I applied my engineering professional knowledge throughout the project for getting the assigned project objectives.	CE 1.3, CE 2.3, CE 3.3
PE1.2 Conceptual understanding of the mathematics, numerical analysis, statistics and computer and information sciences which underpin the engineering discipline	I utilized the technical knowledge in an adequate manner resulted in obtaining the accurate project outcome.	CE 1.9, CE 1.10, CE 2.8, CE 2.9, CE 3.6, CE 3.7
PE1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline	I made use of engineering knowledge in an appropriate manner on numerous project steps and these resulted in acquiring the appropriate project outcome.	CE 1.8, CE 1.11, CE 2.10, CE 2.11, CE 3.9, CE 3.10
PE1.4 Discernment of knowledge development and research directions within the engineering discipline	I made decent research on numerous project related features which brought adequate project results and the project tasks were accomplished accordingly.	CE 1.11, CE 1.12, CE 2.10, CE 2.12, CE 3.11
PE1.5 Knowledge of contextual factors impacting the engineering discipline	I executed the project with the usage of my thorough skills in the professional engineering domain for achieving the assigned project related tasks.	CE 1.7, CE 1.9, CE 2.11, CE 3.7, CE 3.8
PE1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice in the specific discipline	I achieved the project milestones with various principles implementation in the whole project tenure.	CE 1.10, CE 1.11, CE 2.12, CE 3.9, CE 3.10, CE 3.11
PE2 ENGINEERING APPLICATION ABILITY		
PE2.1 Application of established engineering methods to complex engineering problem solving	I utilized the complex engineering techniques in the project for successfully achieving the technical objectives of the project.	CE 1.6, CE 1.7, CE 2.9, CE 2.10, CE 3.8, CE 3.9
PE2.2 Fluent application of engineering techniques, tools and resources	I carried out the project with the usage of the fluent engineering techniques which played a significant role in the overall project success.	CE 1.8, CE 1.9, CE 2.7, CE 2.8, CE 3.11, CE 3.12

PE2.3 Application of systematic engineering synthesis and design processes	I analyzed the project steps appropriately which were executed later in accomplishing the appropriate project outcome.	CE 1.4, CE 1.6, CE 2.4, CE 2.7, CE 3.4, CE 3.7
PE2.4 Application of systematic approaches to the conduct and management of engineering projects	I conducted research in a systematic manner as it was very much essential in achieving the project technical objectives.	CE 1.7, CE 1.9, CE 2.10, CE 2.11, CE 3.8, CE 3.10
PE3 PROFESSIONAL AND PERSONAL ATTRIBUTES		
PE3.1 Ethical conduct and professional accountability	I analyzed project activities in an ethical conduct and followed the assigned responsibilities accordingly.	CE 1.9, CE 1.10, CE 2.8, CE 2.10, CE 3.11, CE 3.12
PE3.2 Effective oral and written communication in professional and lay domains	My communication skills were good enough to apply in the project and it made strong connection between me and other team members in the project.	CE 1.4, CE 1.6, CE 2.3, CE 2.7, CE 3.4, CE 3.8
PE3.3 Creative innovative and proactive demeanour	My Professional Engineering attributes made me achieve the project associated milestones with the appropriate technical skills utilization.	CE 1.7, CE 1.8, CE 2.6, CE 2.8, CE 3.9, CE 3.10
PE3.4 Professional use and management of information	I always made sure to follow the assigned responsibilities and finished them within the project deadline.	CE 1.9, CE 2.8, CE 3.9, CE 3.12
PE3.5 Orderly management of self, and professional conduct	I managed the information in an adequate manner when working on the project resulted in attaining the successful project outcome.	CE 1.10, CE 1.11, CE 2.11, CE 3.10, CE 3.11
PE3.6 Effective team membership and team leadership	I effectively utilized my leadership skills at various stages of the project under the project manager's supervision.	CE 1.12, CE 2.12, CE 3.12