

1. Title	Formulate conventional fire system design reports
2. Code	EMFSDE505A
3. Range	Apply professional design techniques to formulate various types of reports for fire service design.
4. Level	5
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Relevant information and details of conventional fire system design report</p> <ul style="list-style-type: none"> ◆ Master building uses, architectural design codes, project schedules and the design criteria of conventional fire systems ◆ Understand different types of design report formats and highlights <p>6.2 Formulate the reports of conventional fire system design</p> <ul style="list-style-type: none"> ◆ Draft and analyze different design proposals <ul style="list-style-type: none"> • Analyze client needs and relevant information of various types of fire service installation design • Draft and analyze different feasibility design proposals and their merits and demerits • Prepare and integrate all the information relevant to the design of fire service installations, including: <ul style="list-style-type: none"> ▸ Descriptions of proposed systems ▸ Design criteria and specifications ▸ System drawings ▸ Project estimates ▸ Project schedules ◆ Compile different types of design reports in an organized and systematic way, including: <ul style="list-style-type: none"> • Feasibility reports • Outline design reports • Scheme design reports
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply professional design techniques to formulate conventional fire system design reports systematically, such as outline design reports and scheme design reports.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of fire system design.