

1. Title	Gas supply system and equipment installation project management	
2. Code	EMGAPM401A	
3. Range	Manage the gas supply system and equipment installation project, including the tasks of planning, tendering, quality and cost control, progress management, safety management, testing and commissioning.	
4. Level	4	
5. Credits	12	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of gas supply system and equipment installation project management</p> <ul style="list-style-type: none"> ◆ Understand the installation procedures of gas supply system and equipment ◆ Understand the sewage, fire service, water and power supply (single-phase and three-phase) systems ◆ Be familiar with building services system ◆ Understand the principles of explosion-proof and criteria for the classification of hazard zone <p>6.2 Methods and procedures of gas supply system and equipment installation project management</p> <ul style="list-style-type: none"> ◆ Control the progress of the major gas supply system and equipment installation work in order to keep up with the construction work progress ◆ Control the engineering costs of the gas supply system and equipment installation according to the preset budget ◆ Estimate time of completion for gas supply system and equipment installation ◆ Assess the risks of the gas supply system and equipment installation work ◆ Control the work safety of the gas supply system and equipment installation ◆ Plan the manpower need for the gas supply system and equipment installation work ◆ Coordinate with other companies and relevant government departments 	

	<p>6.3 Professional knowledge and responsibilities for gas supply system and equipment installation project management</p> <ul style="list-style-type: none"> ◆ Apply all the provisions in the Gas Safety (Gas Supply) Regulations under the Gas Safety Ordinance, Cap. 51 ◆ Apply all the provisions in the Gas Safety (Installation and Use) Regulations under the Gas Safety Ordinance, Cap. 51 ◆ Apply the Code of Practice for Hong Kong LPG Industry: Module 1 [LPG Compounds and Cylinder Stores] ◆ Apply the Code of Practice for Hong Kong LPG Industry: Module 2 [Underground LPG Pipework] ◆ Apply other gas related regulations and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Manage the gas supply system and equipment installation project.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMGADE101A 【Basic knowledge of gas application】 .</p>