

1. Title	Risk assessment of gas engineering processes	
2. Code	EMGASH401A	
3. Range	Perform risk assessment for all kinds of engineering processes relevant to the gas industry.	
4. Level	4	
5. Credits	5	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of risk assessment of gas engineering processes</p> <ul style="list-style-type: none"> ◆ Understand thoroughly the engineering processes of the gas industry ◆ Understand thoroughly the working environment of the gas industry ◆ Know about the methods and principles of risk assessment <p>6.2 Methods and procedures of risk assessment of gas engineering processes</p> <ul style="list-style-type: none"> ◆ Determine the possible risks caused by the hazards of various kinds of work and engineering processes ◆ Class the risks of various kinds of work and engineering processes by their level of seriousness ◆ Categorize various kinds of work and engineering processes in the gas industry ◆ Identify the hazards of various kinds of work and engineering processes (including the materials, procedures or equipment) ◆ Formulate risk control plans to minimize the risks to an acceptable level ◆ Compile risk assessment reports correctly 	

	<p>6.3 Professional knowledge and responsibilities for risk assessment of gas engineering processes</p> <ul style="list-style-type: none"> ◆ Apply relevant gas safety regulations and codes of practice ◆ Apply the relevant Factories and Industrial Undertakings Ordinance
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to perform risk assessment for all kinds of engineering processes relevant to the gas industry.</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>