

1. Title	Work safely at construction sites
2. Code	EMGASH102A
3. Range	Perform gas related installation and commissioning works safely at building sites and aboveground construction sites.
4. Level	1
5. Credits	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of working safely at construction sites</p> <ul style="list-style-type: none"> ◆ Have general safety knowledge of the construction industry such as: <ul style="list-style-type: none"> • General introduction to the Factories and Industrial Undertakings Ordinance and the Occupational safety Ordinance • Construction Sites (Safety) Regulations • Ordinances relevant to the general duties for employers and employees • Work safety concepts • Wearing personal protective equipment • Accident prevention and safety at work • Handling of emergencies • Report of hazardous incidents • Contingency plans ◆ Have knowledge of safety in confined spaces such as: <ul style="list-style-type: none"> • Types of confined spaces • Relevant legal requirements and code of practice • Potential hazards in confined spaces and their causes • Work safety procedures and protective measures • Risk assessment and work permit systems • Introduction to the use of gas detection instruments

	<ul style="list-style-type: none"> • Personal protective equipment and first aid • Case studies and hands-on practice in the use of rescue equipment ◆ Know about industrial safety knowledge relevant to construction site ◆ Know about the safety principles of pipework production ◆ Know about the safety principles of using gas ◆ Master safety knowledge relevant to excavation work ◆ Understand related underground public facilities <p>6.2 Methods and procedures of working safely at construction sites</p> <ul style="list-style-type: none"> ◆ Select, wear and maintain personal protective equipment correctly ◆ Point out the potential hazards at the work place
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to perform gas related installation and commissioning works safely at building sites and aboveground construction sites.</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>