

1. Title	Install, test and commission LPG storage tank	
2. Code	EMGAIT305A	
3. Range	Install, test and commission LPG storage tank in central LPG supply system.	
4. Level	3	
5. Credits	9	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of LPG storage tank installation, testing and commissioning</p> <ul style="list-style-type: none"> <li>◆ Understand the functions and operation of LPG supply system equipment</li> <li>◆ Understand installation and testing requirements on cathode protection device</li> <li>◆ Understand the work flow of LPG supply system</li> <li>◆ Understand how to avoid frostbite caused by LPG</li> </ul> <p>6.2 Methods and procedures of LPG storage tank installation, testing and commissioning</p> <ul style="list-style-type: none"> <li>◆ Cover LPG storage tank correctly with earth again after pressure test</li> <li>◆ Conduct hydraulic test correctly for LPG storage tank</li> <li>◆ Conduct pressure test correctly for LPG storage tank</li> <li>◆ Move LPG storage tank away from and back to chamber</li> <li>◆ Commission LPG storage tank correctly</li> <li>◆ Decommission LPG storage tank correctly</li> <li>◆ Install tank surface valve and equipment correctly and ensure no leakage</li> <li>◆ Reconnect pipe to tank surface valve correctly and ensure soundness</li> </ul>	

	<p>6.3 Professional knowledge and responsibilities for LPG storage tank installation, testing and commissioning</p> <ul style="list-style-type: none"> <li>◆ Apply all the provisions in the Code of Practice for Hong Kong LPG Industry: Module 1 [LPG Compounds and Cylinder Stores]</li> <li>◆ Apply all the provisions in the Gas Safety (Gas Supply) Regulations under the Gas Safety Ordinance, Cap. 51</li> <li>◆ Apply all the provisions in the Code of Practice for Hong Kong LPG Industry: Module 7 [Operating Procedures for Emergencies for LPG Compounds and Cylinder Stores]</li> <li>◆ Apply other gas related regulations and codes of practice</li> </ul>
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to install, test and commission LPG storage tank in central LPG supply system.</p>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMGADE101A <b>【Basic knowledge of gas application】</b> .</p>