

1. Title	Maintain and repair gas service pipes
2. Code	EMGAOR202A
3. Range	Perform maintenance and repair work such as repairing leakage, replacing leaked pipe section, corrosion treatment, etc. (not including pipe welding) for gas service pipes (including service risers, service pipes within pipe ducts and downers) at external walls of buildings.
4. Level	2
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of maintaining and repairing gas service pipes</p> <ul style="list-style-type: none"> <li>◆ Choose suitable equipment to avoid accident happening when working at height</li> <li>◆ Point out the potential hazards of maintaining and repairing live gas service pipes</li> </ul> <p>6.2 Methods and procedures of maintaining and repairing gas service pipes</p> <ul style="list-style-type: none"> <li>◆ Consider the safety risk, degree of difficulty of the process and influence on customers to decide whether to handle the live gas pipe or not</li> <li>◆ Judge the degree of damage of service pipe to decide on a suitable remedial actions</li> <li>◆ Maintain the corroded part of the service pipe properly</li> <li>◆ Wrap Denso tape around the pipe section with minor leakage</li> <li>◆ Use tools and equipment safely to maintain and repair service pipes at high-rise external walls</li> <li>◆ Perform screw thread connection for service pipes</li> </ul>

	<p>6.3 Professional knowledge and responsibilities for maintaining and repairing gas service pipes</p> <ul style="list-style-type: none"> <li>◆ Apply all the provisions in the Gas Safety (Installation and Use) 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 1 [LPG Compounds and Cylinder Stores]</li> <li>◆ Apply all the provisions in the Gas Utilisation Code of Practice GU06 on [LPG Installations for Catering Purposes in Commercial Premises]</li> <li>◆ Apply other gas related regulations and codes of practice relevant to gas installation</li> </ul>
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to replace the leaked service pipe section at external walls of buildings; and</li> <li>(ii) Capable to repair the leaked service pipes at external walls of buildings.</li> </ul>
<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> and EMGAIT211A <b>【Install domestic and commercial and industrial gas service pipes and relevant equipment】</b> .</p>