

1. Title	Analyze and make preventive routine maintenance arrangements for gas equipment
2. Code	EMGAOR401A
3. Range	Analyze regularly and make preventive routine maintenance arrangements for gas equipment such as pipework, gas appliances, etc.
4. Level	4
5. Credits	7
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of gas equipment analysis and preventive routine maintenance arrangements</p> <ul style="list-style-type: none"> <li>◆ Understand customers' consumption pattern</li> <li>◆ Understand characteristics of all kinds of gas appliances</li> </ul> <p>6.2 Methods and procedures of gas equipment analysis and preventive routine maintenance arrangements</p> <ul style="list-style-type: none"> <li>◆ Consolidate and analyze data to identify equipment or parts with higher frequency of damage</li> <li>◆ Keep proper record of information about faults</li> <li>◆ Formulate inspection guidelines for preventive maintenance plan</li> <li>◆ Analyze the causes of frequent damage of parts</li> <li>◆ Target the problem with engineering process and administrative means</li> <li>◆ Implement preventive maintenance plan effectively</li> <li>◆ Make recommendations for continuous improvement</li> </ul>

	<p>6.3 Professional knowledge and responsibilities for gas equipment analysis and preventive routine maintenance arrangements</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 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 analyze regularly and formulate inspection guidelines for preventive maintenance plan.</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>