

1. Title	Install indoor domestic gas pipes and relevant equipment	
2. Code	EMGAIT207A	
3. Range	Install indoor gas pipes and relevant equipment in general domestic premises according to specified accuracy and requirements of the industry.	
4. Level	2	
5. Credits	5	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge and principles of installing indoor domestic gas pipes and relevant equipment</p> <ul style="list-style-type: none"> <li>◆ Explain and use typical drawing symbols correctly</li> <li>◆ Read out the measurements correctly</li> <li>◆ Identify different piping materials</li> <li>◆ Convert metric units correctly to units commonly used in the industry</li> </ul> <p>6.2 Methods and procedures of installing indoor domestic gas pipes and relevant equipment</p> <ul style="list-style-type: none"> <li>◆ Choose correct piping materials, protective materials and sealing materials according to different application environments</li> <li>◆ Choose correct pipe fittings according to different application environments</li> <li>◆ Draw pipework layout plan correctly and to scale</li> <li>◆ Choose suitable soundness test methods according to different application environments</li> <li>◆ Choose suitable testing pressure</li> <li>◆ Complete the test and report on the results</li> </ul> <p>6.3 Professional knowledge and responsibilities for installing indoor domestic gas pipes and relevant equipment</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>	

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is:  (i) Capable to install indoor gas pipes and relevant equipment in general domestic premises according to specified accuracy and requirements of the industry.
8. Remarks	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】 .