

1. Title	Install domestic flued gas appliances	
2. Code	EMGAIT205A	
3. Range	Use suitable materials and processes to install and commission flue gas appliances in domestic premises.	
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 installing and commissioning domestic flue gas appliances</p> <ul style="list-style-type: none"> ◆ Locate the installation position of flued gas appliances according to the working drawing ◆ Inspect associated construction works of flue terminal installation, and exhaust facilities and safety distance required ◆ List out points to note for using flued gas appliances ◆ List out points for customers to take for not using the flued gas appliances for a long period of time ◆ List the definition of unsafe gas appliance ◆ List positions and environments not suitable for flued gas appliance and flue duct installation ◆ List the safety distance between the flued gas appliance/flue duct and surrounding devices ◆ Know the colour code of wire, and list the differences of line, neutral wire and earth wire <p>6.2 Methods and procedures of installing and commissioning domestic flue gas appliances</p> <ul style="list-style-type: none"> ◆ Highlight to the user the noting points for the use and maintenance of the appliance ◆ Install the appliance and flue correctly and properly ◆ Connect the wire to the socket correctly ◆ Check the continuity of wire 	

	<ul style="list-style-type: none"> ◆ Check the operation of the appliance correctly ◆ Judge the combustion situation of the appliance correctly ◆ Perform soundness test for the appliance and connected fittings correctly ◆ Analyze the faults and their remedial actions <p>6.3 Professional knowledge and responsibilities for installing and commissioning domestic flue gas appliances</p> <ul style="list-style-type: none"> ◆ Apply all the provisions in the Gas Safety (Installation and Use) Regulations under the Gas Safety Ordinance, Cap. 51 ◆ Apply all the provisions in the code of practice GU03 on [Installation Requirements for Domestic Gas Water Heaters] ◆ Apply all the provisions in the Gas Utilisation Guidance Note GU05 on [Approval of Domestic Gas Appliances] ◆ Apply other gas related regulations and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use suitable materials and processes to install and commission flue gas appliances in domestic premises.</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】 and EMGAIT206A 【Install domestic flueless gas appliances】 .</p>