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| 1. Title | Install indoor commercial and industrial gas pipes and relevant equipment |
| 2. Code | EMGAIT208A |
| 3. Range | Install indoor gas pipes and relevant equipment in general commercial and industrial 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 commercial and industrial gas pipes and relevant equipment</p> <ul style="list-style-type: none"> ◆ Explain and use typical drawing symbols correctly ◆ Point out the range of application of typical piping materials and different fittings ◆ Draw pipework layout plan correctly and to scale ◆ Use tools and instruments correctly to connect underground pipes ◆ Use different connection methods ◆ Choose suitable soundness test methods according to different application environments ◆ Choose suitable testing pressure ◆ Complete the test and report on the results ◆ Connect the pipe and relevant equipment by flange joints <p>6.2 Professional knowledge and responsibilities for installing indoor commercial and industrial gas pipes and relevant equipment</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 Gas Utilisation Code of Practice GU06 on [LPG Installations for Catering Purposes in Commercial Premises] ◆ Apply other gas related regulations and codes of practice |

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| 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 commercial and industrial 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】 . |