

1. Title	Supervise on-site air-conditioning and refrigeration works	
2. Code	EMACPM401A	
3. Range	Apply specialized knowledge and skills to supervise on-site air-conditioning and refrigeration works at air-conditioning and refrigeration work sites or machine rooms.	
4. Level	4	
5. Credit	15	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of air-conditioning and refrigeration work supervision</p> <ul style="list-style-type: none"> ◆ Understand the quality requirements on air-conditioning and refrigeration works, including: <ul style="list-style-type: none"> • Air system • Water system • Refrigeration system • Electrical control system ◆ Understand the principles of electrical and mechanical installation engineering personnel management <p>6.2 methods and procedures of air-conditioning and refrigeration work supervision</p> <ul style="list-style-type: none"> ◆ Evaluate the work performance of air-conditioning and refrigeration workers, including: <ul style="list-style-type: none"> • Explain to the workers the aims of the work performance evaluation • Evaluate the work performance of the workers to see if the works targets are achieved • Suggest to the workers ways to improve their work performance • Use management skills to improve the work performance of the workers ◆ Control the quality, progress and costs of the air-conditioning and refrigeration project, including: <ul style="list-style-type: none"> • Meeting the design requirements for the air-conditioning and refrigeration project • Meeting the quality requirements for the air-conditioning and refrigeration project • Meeting the design requirements on the progress of the air-conditioning and refrigeration project • Meeting the budget requirements for the air-conditioning and refrigeration project 	

	<p>6.3 Professionalism in air-conditioning and refrigeration work supervision</p> <ul style="list-style-type: none"> ◆ supervise on-site air-conditioning and refrigeration works according to the legal requirements and code of practice
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply specialized knowledge and skills, and through allocation and coordination of various types of resources, to complete the supervision of on-site air-conditioning and refrigeration works.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of air-conditioning and refrigeration installation.</p>