

1. Title	Check engineering drawings and documents of air-conditioning and ventilation systems for Fire Services Department's approval
2. Code	EMACPM501A
3. Range	Check engineering drawings and documents of air-conditioning and ventilation systems, at design studios or project management office, for Fire Services Department's approval.
4. Level	5
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of Fire Services Department's and legal requirements on air-conditioning and ventilation</p> <ul style="list-style-type: none"> ◆ Understand the system of registered specialist contractor (ventilation works category), including: <ul style="list-style-type: none"> • Purpose of the registered specialist contractor system • Responsibilities of the appointed person • Responsibilities of the technical director ◆ Understand the legal requirements on air-conditioning and ventilation engineering, including: <ul style="list-style-type: none"> • Requirements on ventilation systems stipulated in chapter 123 of the Laws of Hong Kong • Requirements on ventilation systems stipulated in Buildings (Ventilation Systems) Regulations • Requirements on ventilation systems stipulated in relevant ordinances, codes of practice and circular memorandums of the Fire Services Department • Requirements of the Food and Environmental Hygiene Department and Home Affairs Department on ventilation systems stipulated in chapter 123 of the Laws of Hong Kong and relevant regulations <p>6.2 Methods and procedures of checking engineering drawings and documents of air-conditioning and ventilation systems for Fire Services Department's approval</p> <ul style="list-style-type: none"> ◆ Check the engineering drawings and documents of the air-conditioning and ventilation system to see if they are correct and meet the requirements of the Fire Services Department in order to submit for the Department's approval ◆ Inspect and test the air-conditioning and ventilation system, including : <ul style="list-style-type: none"> • Inspecting the air-conditioning and ventilation system according to the requirements of the Fire Services Department • Testing the air-conditioning and ventilation system according to the requirements of the Fire Services Department • Confirming that the air-conditioning and ventilation system meets the requirements of the Fire Services Department

	<p>6.3 Professionalism in checking engineering drawings and documents of air-conditioning and ventilation systems for Fire Services Department's approval</p> <p>◆ Understand the legal requirements and code of practice, analyze and evaluate a wide range of information, and check the engineering drawings and documents of air-conditioning and ventilation systems for Fire Services Department's approval</p>
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to check systematically and efficiently the engineering drawings and documents of air-conditioning and ventilation systems to see if they meet the requirements of the Fire Services Department and to submit to the Department for approval.</p>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of ventilation system and relevant legislations.</p>