

1. Title	Perform basic operation of central control and monitoring system (CCMS) of air-conditioning and refrigeration systems
2. Code	EMACOR212A
3. Range	Perform central control and monitoring work for air-conditioning and refrigeration systems at air-conditioning and refrigeration system control rooms under a certain degree of instruction.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Functions and typical terms for CCMS of air-conditioning and refrigeration systems</p> <ul style="list-style-type: none"> ◆ Understand the functions of CCMS of air-conditioning and refrigeration systems ◆ Understand the components of CCMS of air-conditioning and refrigeration systems ◆ Understand the meaning of typical terms for CCMS of air-conditioning and refrigeration systems ◆ Understand the functions of typical building automation system software ◆ Understand the functions and construction of direct digital controller ◆ Understand the starting procedures and maintenance procedures of CCMS <p>6.2 Methods and procedures of basic operation of CCMS of air-conditioning and refrigeration systems</p> <ul style="list-style-type: none"> ◆ Carry out pre-starting preparations for the CCMS of air-conditioning and refrigeration systems ◆ Start the CCMS of air-conditioning and refrigeration systems ◆ Obtain the operational data of the air-conditioning and refrigeration system from CCMS to identify the operational status of the system <p>6.3 Professionalism in basic operation of CCMS of air-conditioning and refrigeration systems</p> <ul style="list-style-type: none"> ◆ Follow the operation manual instructions for the CCMS of air-conditioning and refrigeration systems to perform basic operation ◆ Follow the code of practice to undertake basic operation of CCMS of air-conditioning and refrigeration systems
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to start the CCMS of air-conditioning and refrigeration systems ; and</p> <p>(ii) Capable to follow the code of practice to undertake basic operation of CCMS of air-conditioning and refrigeration systems.</p>
8. Remarks	This unit of competency is applicable to practitioners engaged in general operation of air-conditioning and refrigeration system.