

1. Title	Perform basic repair and maintenance of air system of central air-conditioning systems
2. Code	EMACOR210A
3. Range	Perform basic repair and maintenance of air system of central air-conditioning system at central air-conditioning system machine rooms or air-conditioned areas 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, construction and legal requirements for air system of central air-conditioning systems</p> <ul style="list-style-type: none"> ◆ Understand the functions and construction of air system of central air-conditioning system equipment and accessories ◆ Understand legislations and regulations of government departments related to ventilation systems and air system of central air-conditioning systems <p>6.2 Basic methods and procedures of repairing and maintaining air system of central air-conditioning systems</p> <ul style="list-style-type: none"> ◆ Clean the air filters, air duct systems, fan coil units, air handling units, ventilation fans and fans ◆ Change air filters ◆ Check if the air damper and fire damper function properly ◆ Perform basic repair and maintenance for all the equipment of air systems (including the air-conditioning control system) <p>6.3 Professionalism in basic repair and maintenance of air system of central air-conditioning systems</p> <ul style="list-style-type: none"> ◆ Follow the instructions of the repair and maintenance manual to perform basic repair and maintenance of air system of central air-conditioning systems ◆ Understand the safety guidelines as required by the law and the code of practice to undertake basic repair and maintenance of the air system of central air-conditioning air systems
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to clean the air system equipment of central air-conditioning systems;</p> <p>(ii) Capable to check if the air system of central air-conditioning systems operates properly; and</p> <p>(iii) Capable to follow the code of practice to undertake basic repair and maintenance of the air system of central air-conditioning systems.</p>
8. Remarks	This unit of competency is applicable to practitioners engaged in general repair and maintenance of air system of central air-conditioning systems.