

1. Title	Perform basic repair and maintenance of heat-pump type air-conditioners
2. Code	EMACOR213A
3. Range	Perform basic repair and maintenance for heat-pump type air-conditioners at servicing stations or external sites with spare parts under a certain degree of instruction.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Functions, uses and construction of heat-pump type air-conditioners</p> <ul style="list-style-type: none"> ◆ Understand the functions of heat-pump type air-conditioners ◆ Understand the uses of heat-pump type air-conditioners ◆ Understand the construction of heat-pump type air-conditioners ◆ Understand the functions and construction of four-way solenoid valves <p>6.2 Methods and procedures of repairing and maintaining heat-pump type air-conditioners</p> <ul style="list-style-type: none"> ◆ Replace four-way solenoid valves ◆ Locate and repair simple faults in heat-pump type air-conditioners ◆ Perform basic maintenance for heat-pump type air-conditioners <p>6.3 Professionalism in repairing and maintaining heat-pump type air-conditioners</p> <ul style="list-style-type: none"> ◆ Follow the manual instructions to perform basic repair and maintenance for heat-pump type air-conditioners ◆ Understand the safety guidelines as required by the law and the code of practice to undertake basic repair and maintenance of heat-pump type air-conditioners
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to replace components of heat-pump type air-conditioners; and</p> <p>(ii) Capable to follow the code of practice to undertake basic repair and maintenance of heat-pump type air-conditioners.</p>
8. Remarks	This unit of competency is applicable to practitioners engaged in general repair and maintenance of heat-pump type air-conditioners. The credit value of this unit of competency is set on the presumption that the person already possesses the competency of basic repair and maintenance of window-type air-conditioners.