

1. Title	Perform basic installation of electrical wiring for air-conditioning and refrigeration									
2. Code	EMACIN207A									
3. Range	Perform basic installation of electrical wiring for air-conditioning and refrigeration at installation or servicing stations in clearly defined contexts under a degree of instruction.									
4. Level	2									
5. Credit	12									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Knowledge of using typical electrical wiring installation tools</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Understand the functions of typical electrical wiring installation tools</li> <li>◆ Understand the uses of typical electrical wiring installation tools</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures of basic installation of electrical wiring for air-conditioning and refrigeration</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Use typical electrical wiring installation tools effectively</li> <li>◆ Install, according to drawings, basic electrical wiring for air-conditioning and refrigeration, including steel conduit, plastic conduit, steel trunking, socket circuit, plug, junction box and distribution box and wiring</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in installation of electrical wiring for air-conditioning and refrigeration</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Follow the code of practice under the Electricity (Wiring) Regulations to install electrical wiring for air-conditioning and refrigeration safely</li> </ul> </td> </tr> </table>	6.1	Knowledge of using typical electrical wiring installation tools	<ul style="list-style-type: none"> <li>◆ Understand the functions of typical electrical wiring installation tools</li> <li>◆ Understand the uses of typical electrical wiring installation tools</li> </ul>	6.2	Methods and procedures of basic installation of electrical wiring for air-conditioning and refrigeration	<ul style="list-style-type: none"> <li>◆ Use typical electrical wiring installation tools effectively</li> <li>◆ Install, according to drawings, basic electrical wiring for air-conditioning and refrigeration, including steel conduit, plastic conduit, steel trunking, socket circuit, plug, junction box and distribution box and wiring</li> </ul>	6.3	Professionalism in installation of electrical wiring for air-conditioning and refrigeration	<ul style="list-style-type: none"> <li>◆ Follow the code of practice under the Electricity (Wiring) Regulations to install electrical wiring for air-conditioning and refrigeration safely</li> </ul>
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to install basic electrical wiring for air-conditioning and refrigeration according to drawings; and</p> <p>(ii) Capable to follow relevant code of practice when carrying out electrical work.</p>									
8. Remarks	This unit of competency is applicable to practitioners of general electrical wiring installation for air-conditioning and refrigeration.									