

1. Title	Perform basic installation of condensate drain pipes for air-conditioning and refrigeration systems
2. Code	EMACIN208A
3. Range	Install condensate drain pipes for air-conditioning and refrigeration systems at installation or servicing stations 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, installation requirements, properties and applications of condensate drain pipes for air-conditioning and refrigeration systems</p> <ul style="list-style-type: none"> ◆ Understand the functions of condensate drain pipes for air-conditioning and refrigeration systems ◆ Understand the installation requirements of condensate drain pipes for air-conditioning and refrigeration systems ◆ Understand the properties of typical condensate drain pipes for air-conditioning and refrigeration systems ◆ Understand the application range of typical condensate drain pipes for air-conditioning and refrigeration systems <p>6.2 Fabrication and installation methods and procedures of galvanized steel and PVC condensate drain pipes</p> <ul style="list-style-type: none"> ◆ Fabricate galvanized steel pipes, including cutting and screw threading with electric threader, according to the drawing ◆ Install galvanized steel pipes to the condensate water system of the air-conditioning and refrigeration system according to the drawing ◆ Fabricate, including cutting, bending and joining, PVC pipes according to the drawing ◆ Install PVC pipes to the condensate water system of the air-conditioning and refrigeration system according to the drawing <p>6.3 Professionalism in installing condensate drain pipes for air-conditioning and refrigeration systems</p> <ul style="list-style-type: none"> ◆ Follow the code of practice to install condensate drain pipes for air-conditioning and refrigeration systems
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to fabricate and install galvanized steel pipes and PVC pipes to the condensate water system of the air-conditioning and refrigeration systems according to the drawing.</p>
8. Remarks	This unit of competency is applicable to practitioners engaged in general installation and repair of air-conditioning and refrigeration systems.