

1. Title	Repair condensate equipment
2. Code	EMPERM206A
3. Range	Perform routine repair for condensate equipment in general industrial plants, power plants or other places.
4. Level	2
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and basic working principles of condensate equipment</p> <ul style="list-style-type: none"> ◆ Understand the functions, structure and basic working principles of condensate equipment generally used in steam turbine systems, including: condenser, condensate extraction pump, circulating water pump and air ejectors <p>6.2 Techniques and procedures of repairing condensate equipment</p> <ul style="list-style-type: none"> ◆ Understand common defects of general condensate equipment, their causes and handling techniques, and use appropriate repair and testing instruments and tools properly to perform repair tasks ◆ Record the status of equipment before and after repair and the measures taken during repair <p>6.3 Professionalism in repairing condensate equipment</p> <ul style="list-style-type: none"> ◆ Follow the requirements of practical guidelines and manufacturer's repair guidelines to perform repair ◆ Understand the need and principles of scheduled repair and maintenance of the equipment, including inspecting, maintaining and testing the equipment
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform routine repair of condensate equipment under instruction and according to guidelines; and</p> <p>(ii) Capable to complete repair report forms for the condensate equipment.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses techniques of repairing heat exchange equipment.