

1. Title	Startup and shutdown preparations for plant auxiliary equipment	
2. Code	EMPEOM330A	
3. Range	Perform startup and shutdown preparations for plant auxiliary equipment (such as compressed gas system, compressed air system, lighting system, ion exchange resin demineralisation device, seawater cooling system, hydrogen storage equipment, etc.) in general industrial plants, power plants or other places.	
4. Level	3	
5. Credits	6	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principle of plant auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Understand the functions and operating principle of devices for different plant auxiliary equipments ◆ Understand procedures preparing for the startup and shutdown of plant auxiliary equipment ◆ Understand the importance of implementing procedures preparing for the startup and shutdown of plant auxiliary equipment <p>6.2 Procedures preparing for the startup and shutdown of plant auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Use appropriate testing instruments to perform surveying tasks on various types of plant auxiliary equipment before implementing startup and shutdown of equipment ◆ Inspect various types of plant auxiliary equipment before implementing startup and shutdown of equipment according to operation procedure ◆ Judge whether various types of plant auxiliary equipment are suitable for startup or shutdown <p>6.3 Professionalism in startup and shutdown preparations for plant auxiliary equipment</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures of operation to perform startup and shutdown preparations for plant auxiliary equipment ◆ Perform startup and shutdown preparations for plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels 	
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to clearly explain the procedures preparing for the startup and shutdown of plant auxiliary equipment;</p> <p>(ii) Capable to perform startup and shutdown preparations independently for plant auxiliary equipment according to procedures;</p> <p>(iii) Capable to complete simple reports on plant auxiliary equipment startup and shutdown; and</p> <p>(iv) Capable to clearly report the status of preparation for plant auxiliary equipment.</p>	
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of plant auxiliary equipment.	