

1. Title	Control plant resources		
2. Code	EMPEOM602A		
3. Range	Perform the tasks for plant resources control in general industrial plants, power plants or other places.		
4. Level	6		
5. Credits	9		
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p>		
	6.1	Properties of plant facilities and resources limits	<ul style="list-style-type: none"> ◆ Be familiar with the properties of plant facilities <ul style="list-style-type: none"> • Electrical equipment and power supply system • Mechanical equipment and support system • Electronic equipment intelligent control system • Overall coordination and control among plant systems • Plant production requirements for facilities and their coordination • Plant production requirements for manpower and their coordination • Know about new technologies for the facilities • Technical training for manpower • Competence in maintenance, repair and replacement of accessories • Databank and manual instructions for equipment and systems ◆ Be familiar with plant resources limits <ul style="list-style-type: none"> • Controllability and adjustability of manpower and facilities • Routine control procedures • Non-routine control procedures • Emergency control procedures • Impact of various types of control on production costs • Impact of various types of control on staff, safety and environment • Other kinds of coordination or conditions for control
	6.2	Plant control techniques	<ul style="list-style-type: none"> ◆ Analyze the current situation of the plant and implement plant control ◆ Compile reports to clearly explain to the board of directors the status of plant control
	6.3	Professionalism in plant control	<ul style="list-style-type: none"> ◆ Follow the statutory requirements and production requirements, and use the knowledge of control and professional management experience to implement plant control

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none">(i) Capable to maintain normal operation of the plant by implementing proper control, and to use the existing resources effectively;(ii) Capable to correctly interpret and explain the justifications of plant control;(iii) Capable to compile reports on plant control; and(iv) Capable to make modifications or new arrangements for plant control according to different situations.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses management expertise and fully understands plant operation.</p>