

1. Title	Plan and arrange for plant repair and maintenance		
2. Code	EMPERM601A		
3. Range	Plan and arrange for plant repair and maintenance 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> <p>6.1 Requirements and international quality certification standards for plant repair and maintenance</p> <ul style="list-style-type: none"> ◆ Be familiar with repair and maintenance methods for different purposes such as <ul style="list-style-type: none"> • Preventive maintenance • Corrective maintenance • Condition-based maintenance • Reliability-centred maintenance ◆ Be familiar with international quality certification standards for repair and maintenance such as <ul style="list-style-type: none"> • Quality Management System (ISO9001) Certification • Environmental Management System (ISO14001) Certification • Occupational Health and Safety Management System (OHSAS18001) Certification <p>6.2 Techniques for planning and arranging for plant repair and maintenance</p> <ul style="list-style-type: none"> ◆ Arrange for maintenance/ repair systematically by fully considering items such as <ul style="list-style-type: none"> • Equipment safety and use and update rate • Mobilization of manpower and facilities and manpower training • Operation • Environmental management • Occupational safety management • Establish quality and repair and maintenance circles • Quality assurance, health and safety management system, and routine and emergency repair and maintenance for products and source of supply • Establish equipment system and databank for manual guidelines ◆ Capable to compile reports to clearly state the condition of plant repair and maintenance 		

	<p>6.3 Professionalism in planning and arranging for plant repair and maintenance</p> <ul style="list-style-type: none"> ◆ Plan and arrange for plant repair and maintenance according to the production and safety requirements, cost calculation knowledge and professional management experience, as well as the consequences and causes of different equipment failures and their repairing requirements ◆ Ensure that the plant repair and maintenance conditions and system of the company comply with international quality certification standards
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to properly plan and arrange for plant repair and maintenance; (ii) Capable to compile reports on plant repair and maintenance; and (iii) Capable to formulate new or modify the existing repair and maintenance plan and arrangement 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 the repair and maintenance requirements.</p>