

1. Title	Repair moving parts of steam turbines
2. Code	EMPERM202A
3. Range	Perform routine repair for moving parts of steam turbines in general industrial plants, power plants or other places.
4. Level	2
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and repairing principles of moving parts of steam turbines ♦ Understand the structure and operating principle of moving parts of steam turbines such as rotor, radial support bearing, etc. ♦ Understand the repairing principles of moving parts of steam turbines, including blade wheel and blade, shaft, turning gear and coupling</p> <p>6.2 Techniques of repairing moving parts of steam turbines ♦ Perform repair for the moving parts of steam turbines, including:</p> <ul style="list-style-type: none"> • Assembling, disassembling and cleaning blade wheel • Inspecting and replacing blade • Measuring shaft bending • Rotor and thrust bearing <p>6.3 Professionalism in repairing moving parts of steam turbines ♦ Follow the requirements of the codes of practice and manufacturer's repair guidelines to perform repair</p>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform routine repair for the moving parts of steam turbines under instruction and according to guidelines; and</p> <p>(ii) Capable to complete repair report forms for the moving parts of steam turbines.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general installation bench fitting techniques and elementary mechanical knowledge.