

1. Title	Repair stationary parts of steam turbines									
2. Code	EMPERM201A									
3. Range	Perform routine repair for stationary 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> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Structure and repairing principles of stationary parts of steam turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the structure and operating principle of stationary parts of steam turbines ◆ Understand the repairing principles of stationary parts of steam turbines, including cylinder, partition, blade, bearing, sliding lock and gland seal </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Techniques of repairing stationary parts of steam turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform installation, inspection and repair for the stationary parts of steam turbines, including: <ul style="list-style-type: none"> • Assembling and disassembling cylinder, partition and blade • Repairing bearings and measuring and adjusting gaps and tightness </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in repairing stationary parts of steam turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow the requirements of the codes of practice and manufacturer's repair guidelines to perform repair </td> </tr> </table>	6.1	Structure and repairing principles of stationary parts of steam turbines	<ul style="list-style-type: none"> ◆ Understand the structure and operating principle of stationary parts of steam turbines ◆ Understand the repairing principles of stationary parts of steam turbines, including cylinder, partition, blade, bearing, sliding lock and gland seal 	6.2	Techniques of repairing stationary parts of steam turbines	<ul style="list-style-type: none"> ◆ Perform installation, inspection and repair for the stationary parts of steam turbines, including: <ul style="list-style-type: none"> • Assembling and disassembling cylinder, partition and blade • Repairing bearings and measuring and adjusting gaps and tightness 	6.3	Professionalism in repairing stationary parts of steam turbines	<ul style="list-style-type: none"> ◆ Follow the requirements of the codes of practice and manufacturer's repair guidelines to perform repair
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform routine repair for the stationary parts of steam turbines under instruction and according to guidelines; and</p> <p>(ii) Capable to complete repair report forms for the stationary 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.									