

1. Title	Monitor steam turbine main body installation practice									
2. Code	EMPEIN408A									
3. Range	Monitor practical tasks for steam turbine main body installation in general industrial plants, power plants or other places.									
4. Level	4									
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;">Operating principle of steam turbine and its ancillary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the operating principle of steam turbine and its ancillary equipment ◆ Know the classification of various types of steam turbine according to their functional properties </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures of monitoring steam turbine installation</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Read and understand the installation instructions and procedures of installation manuals ◆ Monitor the installation practice according to manufacturer's installation manual ◆ Work out the schedule for installing different parts of the steam turbine unit and monitor the engineering progress ◆ Select steam turbine lifting and transport machinery </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in monitoring steam turbine installation</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's guidelines and procedures for steam turbine installation to perform the monitoring task ◆ Comply with the safety requirements for work and practical guidelines' requirements ◆ Control the progress of installing different parts of the steam turbine unit, and comply with the engineering requirements and quality standards ◆ Ensure that components are adjusted to appropriate catenary construction according to the actual situation </td> </tr> </table>	6.1	Operating principle of steam turbine and its ancillary equipment	<ul style="list-style-type: none"> ◆ Understand the operating principle of steam turbine and its ancillary equipment ◆ Know the classification of various types of steam turbine according to their functional properties 	6.2	Methods and procedures of monitoring steam turbine installation	<ul style="list-style-type: none"> ◆ Read and understand the installation instructions and procedures of installation manuals ◆ Monitor the installation practice according to manufacturer's installation manual ◆ Work out the schedule for installing different parts of the steam turbine unit and monitor the engineering progress ◆ Select steam turbine lifting and transport machinery 	6.3	Professionalism in monitoring steam turbine installation	<ul style="list-style-type: none"> ◆ Follow manufacturer's guidelines and procedures for steam turbine installation to perform the monitoring task ◆ Comply with the safety requirements for work and practical guidelines' requirements ◆ Control the progress of installing different parts of the steam turbine unit, and comply with the engineering requirements and quality standards ◆ Ensure that components are adjusted to appropriate catenary construction according to the actual situation
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to monitor the whole practice of steam turbine installation; and</p> <p>(ii) Capable to report on the installation of steam turbine.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMPEIN311A "Install steam turbine units".									