

1. Title	Install steam turbine auxiliary equipment (feed water reheat system)									
2. Code	EMPEIN207A									
3. Range	Perform general installation tasks for steam turbine auxiliary equipment (feed water reheat system) in general industrial plants, power plants or other places.									
4. Level	2									
5. Credits	3									
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;">Functions of feed water reheat system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the functions of feed water reheat systems in steam turbine systems </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures of installing feed water reheat system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Know the methods and procedures of installing low and high pressure feed water reheat systems ◆ Select and use general installation tools properly </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in installing feed water reheat system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow the drawings and engineering requirements to perform installation tasks for feed water reheat system components ◆ Carry out installation work according to the progress and to meet the quality standard ◆ Understand safety requirements for work as well as the requirements of the codes of practice and manufacturers' installation guidelines in order to perform steam turbine auxiliary equipment installation </td> </tr> </table>	6.1	Functions of feed water reheat system	<ul style="list-style-type: none"> ◆ Understand the functions of feed water reheat systems in steam turbine systems 	6.2	Methods and procedures of installing feed water reheat system	<ul style="list-style-type: none"> ◆ Know the methods and procedures of installing low and high pressure feed water reheat systems ◆ Select and use general installation tools properly 	6.3	Professionalism in installing feed water reheat system	<ul style="list-style-type: none"> ◆ Follow the drawings and engineering requirements to perform installation tasks for feed water reheat system components ◆ Carry out installation work according to the progress and to meet the quality standard ◆ Understand safety requirements for work as well as the requirements of the codes of practice and manufacturers' installation guidelines in order to perform steam turbine auxiliary equipment installation
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform installation for feed water reheat systems of steam turbine units under instruction; and</p> <p>(ii) Capable to complete installation report forms for the feed water reheat systems of steam turbine units.</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.									