

1. Title	Install steam turbine auxiliary equipment (deaerating equipment)									
2. Code	EMPEIN310A									
3. Range	Perform general installation tasks for steam turbine auxiliary equipment in general industrial plants, power plants or other places.									
4. Level	3									
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 and working principles of deaerating equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the functions and working principles of deaerating equipments 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 deaerating equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Know the methods and procedures of installing deaerating equipment ◆ Select and use installation tools properly </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in installing deaerating equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow the drawings and engineering requirements to perform installation tasks for deaerating equipment components ◆ Control the engineering progress so as to meet the engineering requirements and quality standard ◆ Follow the safety requirements for work, requirements of the codes of practice and manufacturers' installation guidelines to perform steam turbine auxiliary equipment installation </td> </tr> </table>	6.1	Functions and working principles of deaerating equipment	<ul style="list-style-type: none"> ◆ Understand the functions and working principles of deaerating equipments in steam turbine systems 	6.2	Methods and procedures of installing deaerating equipment	<ul style="list-style-type: none"> ◆ Know the methods and procedures of installing deaerating equipment ◆ Select and use installation tools properly 	6.3	Professionalism in installing deaerating equipment	<ul style="list-style-type: none"> ◆ Follow the drawings and engineering requirements to perform installation tasks for deaerating equipment components ◆ Control the engineering progress so as to meet the engineering requirements and quality standard ◆ Follow the safety requirements for work, requirements of the codes of practice and manufacturers' installation guidelines to perform steam turbine auxiliary equipment installation
6.1	Functions and working principles of deaerating equipment	<ul style="list-style-type: none"> ◆ Understand the functions and working principles of deaerating equipments in steam turbine systems 								
6.2	Methods and procedures of installing deaerating equipment	<ul style="list-style-type: none"> ◆ Know the methods and procedures of installing deaerating equipment ◆ Select and use installation tools properly 								
6.3	Professionalism in installing deaerating equipment	<ul style="list-style-type: none"> ◆ Follow the drawings and engineering requirements to perform installation tasks for deaerating equipment components ◆ Control the engineering progress so as to meet the engineering requirements and quality standard ◆ Follow the safety requirements for work, requirements of the codes of practice and manufacturers' installation guidelines to perform steam turbine auxiliary equipment installation 								
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to install deaerating equipment of steam turbine units independently;</p> <p>(ii) Capable to complete simple installation reports for the deaerating equipment of steam turbine units; and</p> <p>(iii) Capable to report the operational status of the deaerating equipment 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 basic competency of installing steam turbine auxiliary equipment.									