

1. Title	Install gas turbine combustion chamber equipment
2. Code	EMPEIN303A
3. Range	Perform gas turbine combustion chamber equipment installation in general industrial plants, power plants or other places.
4. Level	3
5. Credits	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principle of gas turbine combustion chamber equipment and its ancillary equipment</p> <ul style="list-style-type: none"> ◆ Understand the operating principle of gas turbine and its ancillary equipment ◆ Know that the serial number of the gas turbine to be installed is consistent with the document ◆ Understand the composition and workflow of gas turbine unit ◆ Know the typical layout of gas turbine <p>6.2 Methods and procedures of installing gas turbine combustion chamber equipment</p> <ul style="list-style-type: none"> ◆ Capable to read and understand the instructions and procedures of the installation plan ◆ Perform gas turbine combustion chamber equipment installation according to the instructions of the installation supervisor: <ul style="list-style-type: none"> • Embedding the anchor bolts • Leveling and aligning the bedplate • Irrigating the bedplate twice • Positioning the generator • Positioning combustion chamber • Positioning auxiliary ◆ Perform installation according to work schedule ◆ Use gas turbine lifting and transport machinery <p>6.3 Professionalism in installing gas turbine combustion chamber equipment</p> <ul style="list-style-type: none"> ◆ Follow manufacturer’s guidelines and procedures for gas turbine installation to perform installation ◆ Gas turbine installation work should meet the requirements of the code of safety and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to complete the installation tasks for gas turbine combustion chamber equipment independently;</p> <p>(ii) Capable to complete simple reports on gas turbine combustion chamber equipment installation; and</p> <p>(iii) Capable to report the status of the installation of gas turbine combustion chamber equipment.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of gas turbine installation.