

1. Title	Supervise boiler main body installation work
2. Code	EMPEIN501A
3. Range	Supervise boiler main body installation work in general industrial plants, power plants or other places.
4. Level	5
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principle of boiler and its ancillary equipment</p> <ul style="list-style-type: none"> <li>◆ Understand the operating principle of boiler and its ancillary equipment</li> <li>◆ Know the classification of various types of boiler according to their properties</li> <li>◆ Understand the construction and workflow of boiler unit</li> <li>◆ Know the overall layout of boiler</li> </ul> <p>6.2 Methods and procedures of supervising boiler installation</p> <ul style="list-style-type: none"> <li>◆ Compile the whole workflow and plan for boiler installation according to manufacturer's installation manual, including: <ul style="list-style-type: none"> <li>• Concrete planning of work</li> <li>• Common technical data for installation work</li> <li>• Working out the schedule for installing the boiler unit and supervise the engineering progress</li> <li>• Coordinating different tasks of installation</li> </ul> </li> </ul> <p>6.3 Professionalism in supervising boiler installation</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's guidelines and procedures for boiler installation to perform the supervisory tasks</li> <li>◆ Boiler installation work should comply with the code of safety as required by the law and the requirements of practical guidelines</li> <li>◆ Work out the boiler installation flow and plan</li> <li>◆ Compile the report on the supervision of boiler installation</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to compile the whole workflow and plan for boiler installation; and</p> <p>(ii) Capable to supervise the installation flow of different units of boiler and compile the report on the supervision of boiler installation.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of boiler installation.