

1. Title	Monitor boiler main body installation practice									
2. Code	EMPEIN412A									
3. Range	Monitor practical tasks for installing boiler main body 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 boiler and its ancillary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the operating principle of boiler and its ancillary equipment ◆ Know the classification of various types of boiler 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 boiler 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 boiler main body and monitor the engineering progress ◆ Select boiler main body lifting and transport machinery </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in monitoring boiler installation</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's guidelines and procedures for boiler installation to perform the monitoring task ◆ Comply with the safety requirements and the requirements of practical guidelines ◆ Control the progress of installing different parts of the boiler main body, and comply with the engineering requirements and quality standards </td> </tr> </table>	6.1	Operating principle of boiler and its ancillary equipment	<ul style="list-style-type: none"> ◆ Understand the operating principle of boiler and its ancillary equipment ◆ Know the classification of various types of boiler according to their functional properties 	6.2	Methods and procedures of monitoring boiler 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 boiler main body and monitor the engineering progress ◆ Select boiler main body lifting and transport machinery 	6.3	Professionalism in monitoring boiler installation	<ul style="list-style-type: none"> ◆ Follow manufacturer's guidelines and procedures for boiler installation to perform the monitoring task ◆ Comply with the safety requirements and the requirements of practical guidelines ◆ Control the progress of installing different parts of the boiler main body, and comply with the engineering requirements and quality standards
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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 boiler installation; and</p> <p>(ii) Capable to report on the installation of boiler main body.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMPESH201A "Know and apply the code of safety and regulations on pressure vessels" and basic knowledge of installing boiler.									