

1. Title	Startup preparations for boilers		
2. Code	EMPEOM401A		
3. Range	Perform startup of boilers 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>		
	6.1	Boiler startup principle	<ul style="list-style-type: none"> ◆ Understand the importance of preparing the startup of boilers ◆ Understand the procedures preparing for the startup of boilers ◆ Prepare organizational work ◆ Check the equipment system
	6.2	Methods and procedures preparing for the startup of boilers	<ul style="list-style-type: none"> ◆ Implement organizational work preparations <ul style="list-style-type: none"> • Formulation of startup plan • Formulation of startup operation procedures • Division of labour for operating personnel • Job sheet recording the process of startup ◆ Perform equipment system check <ul style="list-style-type: none"> • Checking boiler's main body auxiliary equipment and system • Checking control and measuring instruments • Checking system valves' positions • Boiler accessories: safe valve, water level gauge and soot blower • Boiler auxiliaries: water system and its valves, boiler ventilation equipment, dust and soot removal equipment ◆ Perform pre-startup testing ◆ Ensure that water has been fed to the boiler to appropriate level
	6.3	Professionalism in preparing for the startup of boiler	<ul style="list-style-type: none"> ◆ Follow manufacturer's instructions and procedures for boiler preparation to perform the startup preparations ◆ Prepare for the startup of boiler in compliance with the statutory code of safety and codes of practice ◆ Immediately correct and remedy abnormal operating parameters

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to clearly explain the preparations for the startup of boiler; (ii) Capable to perform the preparations for the startup of boiler according to procedures; (iii) Capable to compile reports on the preparations for the startup of boiler; and (iv) Capable to clearly report the status of preparing for the startup of boiler.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMPEOM307A “Normal running operations and adjustment of boiler”.</p>