

1. Title	Boiler startup
2. Code	EMPEOM402A
3. Range	Perform boiler startup in general industrial plants, power plants or other places.
4. Level	4
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Boiler startup procedures</p> <ul style="list-style-type: none"> ◆ Understand the basic principle of operating boiler’s main body ◆ Understand the operating principle of boiler auxiliaries <ul style="list-style-type: none"> • Fuel equipment • Evaporating equipment and steam purification • Superheater and steam temperature adjusting equipment • Control of steam drum water level <p>6.2 Methods and procedures for boiler startup</p> <ul style="list-style-type: none"> ◆ Start up the boiler according to specified methods and procedures ◆ Monitor boiler steam drum water level, steam temperature and pressure <p>6.3 Professionalism in boiler startup</p> <ul style="list-style-type: none"> ◆ Follow manufacturer’s operation instructions and procedures to perform the startup of boilers ◆ Start up boilers 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> <p>(i) Capable to clearly explain boiler startup procedures;</p> <p>(ii) Capable to perform the startup of boilers according to procedures;</p> <p>(iii) Capable to compile reports on boiler startup; and</p> <p>(iv) Capable to clearly report the startup status of boiler.</p>
8. Remarks	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”.