

1. Title	Startup of fuel oil or light system
2. Code	EMPEOM318A
3. Range	Perform startup of fuel oil or light system in general industrial plants, power plants or other places.
4. Level	3
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Startup principles for fuel oil or light system</p> <ul style="list-style-type: none"> <li>◆ Understand the functions and operating principle of devices for different fuel oil or light systems such as <ul style="list-style-type: none"> <li>• Heavy oil system</li> <li>• Light oil system</li> </ul> </li> <li>◆ Understand startup procedures for fuel oil or light system</li> <li>◆ Understand the noting points for the startup of fuel oil or light system</li> </ul> <p>6.2 Startup procedures for fuel oil or light system</p> <ul style="list-style-type: none"> <li>◆ Perform startup operation for various types of fuel oil or light systems according to the requirements of operation procedure such as <ul style="list-style-type: none"> <li>• Startup of fire system</li> <li>• Startup of oil pump</li> <li>• Startup trace heating system (Heavy Oil Only)</li> <li>• Waste oil tank treatment</li> <li>• Checking the temperature and pressure of filter inlet and outlet</li> <li>• Startup of filter motor</li> <li>• Adjusting valve opening</li> </ul> </li> <li>◆ Use startup devices for various types of fuel oil or light systems</li> <li>◆ Compile reports on startup of various types of fuel oil or light system</li> </ul> <p>6.3 Professionalism in startup of fuel oil or light system</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's instructions and procedures of operation to perform the startup of fuel oil or light system</li> <li>◆ Perform the startup of fuel oil or light system in compliance with the code of safety and codes of practice</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to clearly explain the startup procedures for fuel oil or light system;</p> <p>(ii) Capable to perform the startup of fuel oil or light system independently according to procedures;</p> <p>(iii) Capable to complete simple report on fuel oil or light system startup; and</p> <p>(iv) Capable to clearly report the startup status of fuel oil or light system.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of fuel oil or light system.