

1. Title	Incident handling and failure analysis for fuel oil or light oil systems
2. Code	EMPEOM506A
3. Range	Perform incident handling and failure analysis for fuel oil or light oil systems 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 Methods of incident handling and failure analysis for fuel oil or light oil systems</p> <ul style="list-style-type: none"> ◆ Be familiar with the causes and handling methods for incidents of fuel oil or light oil systems such as: <ul style="list-style-type: none"> • Fuel oil or light oil systems burning up on fire • Fuel oil or light oil system blast • Severe failures in fuel oil or light oil systems such as <ul style="list-style-type: none"> ▶ All oil pumps breaking down ▶ Oil tank leaks ▶ Oil tube leaks <p>6.2 Procedures of incident handling and failure analysis for fuel oil or light oil systems</p> <ul style="list-style-type: none"> ◆ Perform incident handling for fuel oil or light oil systems, eliminate the failure to safeguard the system and environment ◆ Inform relevant departments and report on the incident ◆ Perform failure analysis and various types of contingencies such as <ul style="list-style-type: none"> • Emergency shutdown • Arrangement for staff evacuation • Taking actions against spread of liquid fuel leaks • Handling oil leaks; report to the Environmental Protection Department when necessary <p>6.3 Professionalism in incident handling and failure analysis for fuel oil or light oil systems</p> <ul style="list-style-type: none"> ◆ Locate the incident, analyze the cause of failure and handle it immediately according to your common sense and expertise and manufacturer's information ◆ Perform incident handling and failure analysis for fuel oil or light oil systems in compliance with the code of safety and code of practice
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to handle incidents of fuel oil or light oil systems;</p> <p>(ii) Capable to compile reports on failure analysis and handling methods for fuel oil or light oil systems; and</p> <p>(iii) Capable to clearly report the status of fuel oil or light oil systems.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person is already familiar with the operation of fuel oil or light oil systems.