

1. Title	Normal running operations and adjustment of fuel oil or light oil system	
2. Code	EMPEOM319A	
3. Range	Perform running operations and adjustment of fuel oil or light oil 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 Principles of normal running operations of fuel oil or light oil system</p> <ul style="list-style-type: none"> ◆ Understand the normal running of different fuel oil or light oil systems such as <ul style="list-style-type: none"> • Heavy oil system • Light oil system ◆ Understand methods and procedures of adjusting fuel oil or light oil system ◆ Understand the importance of adjusting fuel oil or light oil system <ul style="list-style-type: none"> • Ensure the safe operation of equipment • Ensure that the equipment is running economically <p>6.2 Methods and procedures for normal running operations and adjustment of fuel oil or light oil system</p> <ul style="list-style-type: none"> ◆ Know the purpose of adjusting fuel oil or light oil system ◆ Follow the operation procedure to adjust the fuel oil or light oil system according to different operation conditions such as <ul style="list-style-type: none"> • Checking oil pump pressure and oil temperature • Adjusting trace heating system (exclusively for heavy oil) • Checking filter inlet and outlet temperature and pressure • Checking filter motor • Checking oil pump vibration, noise, overheat and pressure loss • Adjusting the opening of valves • Checking oil leaks ◆ Use adjusting devices for various types of fuel oil or light oil system ◆ Know the repair arrangement for various types of fuel oil or light oil system ◆ Compile report on normal running operations and adjustment of fuel oil or light oil system <p>6.3 Professionalism in normal running operations and adjustment of fuel oil or light oil system</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's instructions to adjust running procedures of fuel oil or light oil system ◆ The adjustment of the operation of fuel oil or light oil system should be performed in compliance with the requirements of safety regulations and requirements of codes of practice 	

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 procedures for normal running operations and adjustment of fuel oil or light oil system; (ii) Capable to clearly explain the arrangement of scheduled repair of fuel oil or light oil system; (iii) Capable to perform running operations and adjustment of fuel oil or light oil system independently according to the adjustment procedures; (iv) Capable to compile simple report for the running operations of fuel oil or light oil system; and (v) Capable to clearly report the operational status of the fuel oil or light oil system.
8. Remarks	<p>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 oil system equipment.</p>