

1. Title	Normal running operations and adjustment of steam turbine and its auxiliaries		
2. Code	EMPEOM308A		
3. Range	Perform running operations and adjustment of steam turbine and its auxiliaries 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 steam turbine and its auxiliaries</p> <ul style="list-style-type: none"> ◆ Understand the normal running of steam turbine and its auxiliaries ◆ Understand methods and procedures of adjusting the steam turbine and its auxiliaries ◆ Understand the importance of adjusting the steam turbine and its auxiliaries <p>6.2 Methods and procedures for normal running operations and adjustment of steam turbine and its auxiliaries</p> <ul style="list-style-type: none"> ◆ Adjust important parameters of steam turbine and its auxiliaries according to different operation conditions <ul style="list-style-type: none"> • steam temperature and pressure • condenser vacuum • axial displacement • differential expansion • turbine unit vibration • control oil and lubrication oil system • monitoring stage pressure ◆ Supervise content of routine repair and scheduled test items <ul style="list-style-type: none"> • shift system during normal operation • items of maintenance during operation • data-logging during operation • scheduled test during operation • change of auxiliary equipment • basic requirement for operating maintenance <p>6.3 Professionalism in normal running operations and adjustment of steam turbine and its auxiliaries</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's operation instructions and procedures to perform the adjustment of steam turbine and its auxiliaries ◆ The adjustment of the operation of steam turbine and its auxiliaries should be performed in compliance with the requirements of safety regulations and requirements of 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 procedures for normal running operations and adjustment of steam turbine and its auxiliaries; (ii) Capable to clearly report the arrangement of scheduled repair of steam turbine and its auxiliaries; (iii) Capable to perform running operations and adjustment of steam turbine and its auxiliaries independently according to the adjustment procedures; (iv) Capable to compile simple report for The adjustment of the operation of steam turbine and its auxiliaries; and (v) Capable to report the operational status of the steam turbine and its auxiliaries.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of steam turbine and its auxiliaries.</p>