

1. Title	Normal running operations and adjustment of gas turbines										
2. Code	EMPEOM511A										
3. Range	Perform running operations and adjustment of gas turbines in general industrial plants, power plants or other places.										
4. Level	5										
5. Credits	3										
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Principles of normal running operations of gas turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the normal running of gas turbines ◆ Understand methods and procedures of adjusting the gas turbines ◆ Understand the importance of adjusting the gas turbines <ul style="list-style-type: none"> • Ensure the safe operation of gas turbines • Ensure that the gas turbines is running economically </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures for normal running operations and adjustment of gas turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Use devices for running operations and adjustment of gas turbines ◆ Adjust gas turbine parameters according to specified methods and procedures ◆ Solve the problems of running operations and adjustment of gas turbines according to instructions ◆ Compile reports on gas turbine operation </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in normal running operations and adjustment of gas turbines</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's operation instructions and procedures to perform the adjustment of gas turbines ◆ The adjustment of the operation of gas turbines should be performed in compliance with the safety requirements of working guidelines and requirements of codes of practice </td> </tr> </table>		6.1	Principles of normal running operations of gas turbines	<ul style="list-style-type: none"> ◆ Understand the normal running of gas turbines ◆ Understand methods and procedures of adjusting the gas turbines ◆ Understand the importance of adjusting the gas turbines <ul style="list-style-type: none"> • Ensure the safe operation of gas turbines • Ensure that the gas turbines is running economically 	6.2	Methods and procedures for normal running operations and adjustment of gas turbines	<ul style="list-style-type: none"> ◆ Use devices for running operations and adjustment of gas turbines ◆ Adjust gas turbine parameters according to specified methods and procedures ◆ Solve the problems of running operations and adjustment of gas turbines according to instructions ◆ Compile reports on gas turbine operation 	6.3	Professionalism in normal running operations and adjustment of gas turbines	<ul style="list-style-type: none"> ◆ Follow manufacturer's operation instructions and procedures to perform the adjustment of gas turbines ◆ The adjustment of the operation of gas turbines should be performed in compliance with the safety requirements of working guidelines and requirements of codes of practice
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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 gas turbines; (ii) Capable to clearly report the arrangement of scheduled testing and repair of gas turbines; (iii) Capable to perform running operations and adjustment of gas turbines according to the adjustment procedures; (iv) Capable to compile reports on gas turbine operation; and (v) Capable to clearly report the operational status of the gas turbines. 										
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of gas turbine.										