

1. Title	Shutdown of plant auxiliary equipment									
2. Code	EMPEOM333A									
3. Range	Perform shutdown of plant auxiliary equipment (such as compressed gas system, compressed air system, lighting system, ion exchange resin demineralisation device, seawater cooling system, hydrogen storage equipment, etc.) 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> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Operating principle for plant auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Understand the functions and operating principle of devices for plant auxiliary equipment</li> <li>◆ Understand shutdown procedures for plant auxiliary equipment</li> <li>◆ Understand the noting points for the shutdown of plant auxiliary equipment</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Shutdown procedures for plant auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Perform shutdown operation for various types of plant auxiliary equipments according to the requirements of operation procedure</li> <li>◆ Use shutdown devices for various types of plant auxiliary equipment</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in shutdown of plant auxiliary equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's operation instructions and procedures to perform the shutdown of plant auxiliary equipment</li> <li>◆ Perform the shutdown of plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels</li> </ul> </td> </tr> </table>	6.1	Operating principle for plant auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Understand the functions and operating principle of devices for plant auxiliary equipment</li> <li>◆ Understand shutdown procedures for plant auxiliary equipment</li> <li>◆ Understand the noting points for the shutdown of plant auxiliary equipment</li> </ul>	6.2	Shutdown procedures for plant auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Perform shutdown operation for various types of plant auxiliary equipments according to the requirements of operation procedure</li> <li>◆ Use shutdown devices for various types of plant auxiliary equipment</li> </ul>	6.3	Professionalism in shutdown of plant auxiliary equipment	<ul style="list-style-type: none"> <li>◆ Follow manufacturer's operation instructions and procedures to perform the shutdown of plant auxiliary equipment</li> <li>◆ Perform the shutdown of plant auxiliary equipment related to pressure vessels in compliance with the statutory requirements and codes of practice for pressure vessels</li> </ul>
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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"> <li>(i) Capable to clearly explain the shutdown procedures for plant auxiliary equipment;</li> <li>(ii) Capable to perform the shutdown of plant auxiliary equipment independently according to procedures;</li> <li>(iii) Capable to complete simple report on plant auxiliary equipment shutdown; and</li> <li>(iv) Capable to clearly report the shutdown status of plant auxiliary equipment.</li> </ul>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of plant auxiliary equipment.									