

1. Title	Startup of industrial water treatment system									
2. Code	EMPEOM310A									
3. Range	Perform startup of industrial water treatment 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> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Startup principles for industrial water treatment system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Understand the functions and operating principle of devices in industrial water treatment system</li> <li>◆ Understand startup procedures for industrial water treatment system</li> <li>◆ Understand the noting points for the startup of industrial water treatment system</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Startup procedures for industrial water treatment system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Perform startup operation for various types of industrial water treatment system according to the requirements of operation procedure</li> <li>◆ Use startup devices for industrial water treatment system</li> <li>◆ Compile reports on startup of various types of industrial water treatment system</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in startup of industrial water treatment system</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's instructions and procedures of operation to perform the startup of industrial water treatment system</li> <li>◆ Perform the startup of industrial water treatment system in compliance with the code of safety and codes of practice</li> </ul> </td> </tr> </table>	6.1	Startup principles for industrial water treatment system	<ul style="list-style-type: none"> <li>◆ Understand the functions and operating principle of devices in industrial water treatment system</li> <li>◆ Understand startup procedures for industrial water treatment system</li> <li>◆ Understand the noting points for the startup of industrial water treatment system</li> </ul>	6.2	Startup procedures for industrial water treatment system	<ul style="list-style-type: none"> <li>◆ Perform startup operation for various types of industrial water treatment system according to the requirements of operation procedure</li> <li>◆ Use startup devices for industrial water treatment system</li> <li>◆ Compile reports on startup of various types of industrial water treatment system</li> </ul>	6.3	Professionalism in startup of industrial water treatment system	<ul style="list-style-type: none"> <li>◆ Follow manufacturer's instructions and procedures of operation to perform the startup of industrial water treatment system</li> <li>◆ Perform the startup of industrial water treatment system in compliance with the code of safety and codes of practice</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 startup procedures for industrial water treatment system;</li> <li>(ii) Capable to perform the startup of industrial water treatment system independently according to procedures;</li> <li>(iii) Capable to complete simple reports on industrial water treatment system startup; and</li> <li>(iv) Capable to clearly report the startup status of industrial water treatment system.</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 industrial water treatment system.									