

1. Title	Operate industrial water pre-treatment equipment									
2. Code	EMPEOM328A									
3. Range	Operate industrial water pretreatment equipment 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;">Construction and maintenance method of industrial water treatment equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Know about the construction and principle of industrial water treatment equipment ◆ Know about the way of using industrial water suspended substance purification system and accessories </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Maintenance techniques for industrial water treatment equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform water treatment equipment maintenance including: <ul style="list-style-type: none"> • Wash the water purification system such as filter bag, filter cartridge or filter materials </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in maintaining industrial water treatment equipment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow environmental protection regulations, technical memorandum, requirements of the code of practice and manufacturer's practical guidelines to finish the job </td> </tr> </table>	6.1	Construction and maintenance method of industrial water treatment equipment	<ul style="list-style-type: none"> ◆ Know about the construction and principle of industrial water treatment equipment ◆ Know about the way of using industrial water suspended substance purification system and accessories 	6.2	Maintenance techniques for industrial water treatment equipment	<ul style="list-style-type: none"> ◆ Perform water treatment equipment maintenance including: <ul style="list-style-type: none"> • Wash the water purification system such as filter bag, filter cartridge or filter materials 	6.3	Professionalism in maintaining industrial water treatment equipment	<ul style="list-style-type: none"> ◆ Follow environmental protection regulations, technical memorandum, requirements of the code of practice and manufacturer's practical guidelines to finish the job
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to wash the water purification system and its filter bag, filter cartridge or filter materials correctly; and</p> <p>(ii) Capable to complete simple work records and operation reports, and explain the maintenance method.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of general mechanical and chemical environmental protection.									