

Title:	WT2.11 Monitor Water Treatment for Evaporative Cooling Systems	
Level:	2	
Credit Value:	5	
Learning outcomes	Assessment criteria	
1. Follow organisational procedures relating to monitoring water treatment for evaporative cooling systems	1.1. Work safely at all times 1.2. Comply with the health, safety and environmental requirements set out by the organisation relevant to the site 1.3. Follow the organisational procedures that are appropriate to the operation being undertaken	
2. Prepare for monitoring water treatment for evaporative cooling systems	2.1. Identify the resources required to monitor the treatment programme 2.2. Identify the programme of specified tests	
3. Carry out monitoring of water treatment for evaporative cooling systems	3.1. Follow a programme of specified tests to assess the efficacy of the treatment programme 3.2. Convert the test result into the control factor in accordance with company operating procedures 3.3. Compare the control factor against the specified control limits for the treatment programme 3.4. Identify faults and errors in the water treatment programme in accordance with company operating procedures 3.5. Identify which corrective actions are required 3.6. Progress a programme of corrective actions in accordance with company operating procedures	
4. Complete the monitoring of water treatment for evaporative cooling systems	4.1. Record information and write report using company documentation in accordance with company operating procedures	

	4.2. Provide the documentation to the relevant people
5. Know how to follow organisational procedures	<p>5.1. Explain personal and legal responsibilities with regard to health and safety in the working area</p> <p>5.2. Describe how working practices ensure that the working environment is conducive to good health</p> <p>5.3. Describe what the approved codes of practice/working practices relevant to the operation are and why it is important to follow them</p> <p>5.4. Explain when a work task risk assessment should be completed and how to ensure that one has been completed</p> <p>5.5. Explain how they would know if specific site requirements are in place and what they would do to comply with them</p> <p>5.6. Explain the company procedures relevant to monitoring water treatment for evaporative cooling systems</p>
6. Know how to prepare for monitoring water treatment for evaporative cooling systems	<p>6.1. Describe the different types of evaporative cooling systems</p> <p>6.2. Explain the problems encountered in the relevant systems</p> <p>6.3. Describe the water chemistry and microbiology applicable to evaporative cooling systems</p> <p>6.4. Explain the importance of any relevant system standards and regulatory requirements</p> <p>6.5. Describe where to obtain the test programme</p>
7. Know how to monitor water treatment for evaporative cooling systems	<p>7.1. Describe how to follow a testing programme</p> <p>7.2. Describe how to convert test results into control factors</p>

	<p>7.3. Describe how to compare control factors against control limits</p> <p>7.4. Describe the range of potential corrective actions that may be employed</p> <p>7.5. Describe the limits of own responsibility relating to taking corrective action</p> <p>7.6. Explain how to progress corrective actions outside of the limits of own responsibility</p>
8. Know how to complete monitoring of water treatment for evaporative cooling systems	<p>8.1. Describe what documentation to use in accordance with organisational procedures</p> <p>8.2. Describe how to complete the documentation</p> <p>8.3. Explain who the relevant people are to receive the completed documentation</p>
Additional information about the unit	
Unit purpose and aim(s)	This unit addresses the skills and knowledge required to prepare for and monitoring of water treatment for evaporative cooling systems.
Unit expiry date	31/07/2016
Details of the relationship between the unit and relevant national occupational standards or other professional standards or curricula (if appropriate)	This unit covers the skills and knowledge requirements of NOS "Monitor Water Treatment for Evaporative Cooling Systems".
Assessment requirements specified by a sector or regulatory body (if appropriate)	This unit is subject to the requirements set out in the Cogent SSC Assessment Strategy.
Endorsement of the unit by a sector or other appropriate body (if required)	Cogent SSC
Location of the unit within the subject/sector classification system	2.1 , 4.2
Name of the organisation submitting the unit	PAA\VQ-SET
Availability for use	Restricted unit

Unit available from	
Unit guided learning hours	16