

<b>Title:</b>	WT3.10 Commission Water Treatment Equipment	
<b>Level:</b>	3	
<b>Credit Value:</b>	4	
<b>Learning outcomes</b>	<b>Assessment criteria</b>	
1. Follow organisational procedures relating to the commissioning of water treatment equipment	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 to commission water treatment equipment	2.1. Identify the supplier and design of the equipment to be commissioned 2.2. Identify the equipment to be commissioned and obtain manuals, design drawings and installation instructions 2.3. Identify the water treatment programme and programme design associated with the water treatment equipment 2.4. Arrange a suitable time and date for the commissioning in accordance with company operating procedures 2.5. Ensure that all required resources are available and in operating condition	
3. Carry out the commissioning of water treatment equipment	3.1. Agree with the site any start up procedures for the water system to be served by the equipment 3.2. Start up the water system in accordance with the agreed site procedure 3.3. Start up equipment and prove correct operation in accordance with installation instructions, method statement and company	

	<p>procedures</p> <p>3.4. Complete commissioning in accordance with the water treatment programme, programme design and company procedures</p> <p>3.5. Deal with contingencies within the limitations of own knowledge and experience and in accordance with company policy</p>
<p>4. Complete the commissioning of water treatment equipment</p>	<p>4.1. Complete the commissioning report using standard company documentation</p> <p>4.2. Provide documentation to the relevant people</p> <p>4.3. Safely collect and dispose of any waste produced</p> <p>4.4. Ensure the workplace is left as originally found</p>
<p>5. Know how to follow organisational procedures</p>	<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 the commissioning of water treatment equipment</p>

<p>6. Know how to prepare for the commissioning of water treatment equipment</p>	<p>6.1. Describe how to identify the supplier and design of the equipment to be installed</p> <p>6.2. Describe how to obtain manuals, design drawings and installation instructions</p> <p>6.3. Explain how to identify the water treatment programme and programme design associated with the water treatment equipment</p> <p>6.4. Explain how to use the water treatment programme and programme design associated with the water treatment equipment</p> <p>6.5. Describe what resources are required for the relevant operation</p> <p>6.6. Explain how to use any resources that are required</p> <p>6.7. Explain how to maintain/service any resources that are required</p> <p>6.8. Describe who to communicate with on site and explain why it is important</p> <p>6.9. Explain how to arrange a suitable time and date for the commissioning in accordance with company operating procedures</p>
<p>7. Know how to carry out the commissioning of water treatment equipment</p>	<p>7.1. Explain how to agree a start up procedure with site personnel if required for the operation</p> <p>7.2. Describe how to start up the relevant equipment and how to prove the correct operation</p> <p>7.3. Describe what to do if the relevant equipment does not operate correctly, in accordance with organisational procedure</p> <p>7.4. Explain how to commission the equipment in accordance with company operating procedures</p> <p>7.5. Outline what waste may be</p>

	<p>produced by the operation</p> <p>7.6. Explain the company policy and own limitations with regard to contingencies</p> <p>7.7. Outline how to deal with contingencies within the limitations of own knowledge and experience and in accordance with company policy</p>
8. Know how to complete the commissioning of water treatment equipment	<p>8.1. Describe why it is important and how to safely collect and dispose of waste that may be produced in accordance with organisational procedure</p> <p>8.2. Describe what relevant documentation is needed and how to complete it</p> <p>8.3. Explain who the relevant people are that need to be informed</p> <p>8.4. Explain why it is important to leave the work place tidy</p>
Additional information about the unit	
Unit purpose and aim(s)	This unit addresses the skills and knowledge required to prepare for and carry out the commissioning of water treatment equipment.
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 "Commission Water Treatment Equipment".
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\WQ-SET

Availability for use	Restricted unit
Unit available from	
Unit guided learning hours	8