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| Title: | WT3.06 Apply a Water Treatment Programme for Water System Cleaning Operations | |
| Level: | 3 | |
| Credit Value: | 8 | |
| Learning outcomes | Assessment criteria | |
| 1. Follow organisational procedures relating to the application of a water treatment programme for water system cleaning operations | 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 the application of a water treatment programme for water system cleaning operations | 2.1. Produce a water treatment programme to meet system requirements and regulatory requirements utilising design models 2.2. Produce a programme of control measures to maintain the efficacy of the treatment programme in accordance with company operating procedures | |
| 3. Carry out the application of a water treatment programme for water system cleaning operations | 3.1. Apply the water treatment programme 3.2. Identify and assess system conditions relevant to the water treatment programme 3.3. Assess the performance of the treatment programme for water system cleaning operations in accordance with company operating procedures 3.4. Investigate faults and errors in the system in accordance with company operating procedures 3.5. Identify and progress a programme of corrective actions for water system cleaning operations in accordance with | |

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| | company operating procedures |
| 4. Complete the application of a water treatment programme for water system cleaning operations | <p>4.1. Record information and write report using company documentation in accordance with company operating procedures</p> <p>4.2. Provide the documentation to the relevant people</p> |
| 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 applying a water treatment programme for water system cleaning operations</p> |
| 6. Know how to prepare for the application of a water treatment programme for water system cleaning operations | <p>6.1. Describe the different types of water system cleaning operations</p> <p>6.2. Explain the main problems encountered in water system cleaning operations</p> <p>6.3. Describe the water chemistry and microbiology applicable to water system cleaning operations</p> <p>6.4. Explain the importance of any relevant system and regulatory requirements</p> |

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| | <ul style="list-style-type: none"> 6.5. Describe the treatment methods and control measures that are available and that can be used for the application involved 6.6. Describe the different ways to apply the relevant treatment process 6.7. Describe the limits of the treatment process components 6.8. Explain what system conditions are relevant to the treatment process 6.9. Describe the limits of the relevant processes and the tests required to monitor them |
| <p>7. Know how to apply a water treatment programme for water system cleaning operations</p> | <ul style="list-style-type: none"> 7.1. Describe how to interpret schematic diagrams relevant to the system involved 7.2. Describe how to interpret survey outputs relevant to the system involved 7.3. Describe the relevant efficacy of the treatment programme in use and how it relates to regulatory compliance 7.4. Describe how to implement a performance monitoring programme 7.5. Describe which methods for performance monitoring are available and explain which is appropriate for the relevant system 7.6. Explain what to do if performance is unsatisfactory in accordance with organisational procedures 7.7. Describe what corrective actions can be taken in accordance with organisational procedures 7.8. Describe the range of potential corrective actions that may be employed 7.9. Explain why the corrective action |

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| | carried out was chosen |
| 8. Know how to complete the application of a water treatment programme for water system cleaning operations | <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 application of a water treatment programme for water system cleaning operations. |
| 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 "Apply a Water Treatment Programme for Water System Cleaning Operations". |
| 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 | 18 |