



Australian Government

Assessment Requirements for NWPTRT101 Operate and control lagoon processes

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. The candidate must be assessed in at least one of the types of lagoons listed in the Range of Conditions. If not otherwise specified the candidate must demonstrate evidence of performance of the following on least one occasion.

- identifying and reporting faults
- making basic process adjustments
- collecting data and completing required documentation
- determining chemical dosing requirements
- applying basic process formulae
- taking samples and performing basic tests including pH, DO, electrical conductivity

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- types of lagoon processes
- types of chemicals applicable to lagoons
- features and components of wastewater lagoon systems
- chemicals used for pH control, odour control, nutrients
- flow measurement
- risk factors and potential hazards relating to wastewater lagoon systems
- chemical and biological principles that form the basis of lagoon wastewater treatment
- recirculation principles
- operational problems

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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