



Australian Government

Assessment Requirements for NWPTRT061 Operate and control wastewater 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 processes listed in the Range of Conditions. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- conducting routine plant inspections
- interpreting safety data sheets (SDS)
- applying basic mathematical formulae
- completing logs
- determining chemical dosing requirements

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.

- sources of wastewater
- water cycle
- basic hydraulics and organic loading in wastewater plants
- basic chemistry and microbiology
- types of components
- relevant technologies
- weather influence on wastewater plants
- odour control
- physical, chemical and microbiological characteristics and operating principles relating to wastewater treatment
- reasons for wastewater treatment
- types of wastewater treatment plant processes

- major chemicals and equipment used
- risk factors and potential hazards relating to wastewater treatment
- chemical and biological principles that form the basis of wastewater treatment
- chemical dosing processes
- relevant guidelines and standards
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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.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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