Australian Government

Assessment Requirements for NWPNET001 Disinfect network assets

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 on at least one of the network assets within the Range of Conditions. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- conducting risk assessment
- performing volumetric calculations
- operating network mains
- operating control valves and pump stations
- handling of chlorine in different forms, including at least one of:
    - gas
    - liquid
    - solid
- operating and maintaining chemical dosing equipment
- operating of analytical equipment
- reading maps and diagrams

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.

- safe limits of disinfectant residual
- water network operation
- principles of chlorination and chloramination
- basic water chemistry
- interrogation of SCADA system

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.

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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