



Australian Government

Assessment Requirements for NWPNET027 Monitor and control vacuum sewer systems

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. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- responding to and correcting operational problems
- producing reports and logs
- using safety equipment and personal protective equipment
- identifying and investigating operational problems
- collecting and basic analysing of data
- interpreting plans, charts, service search diagrams and instructions and specifications
- interpreting policies, standard operating procedures and standards
- communicating with colleagues and customers
- operating control systems
- identifying control system faults

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.

- coordination and control of processes
- collection system layout
- system processes
- environmental aspects of vacuum systems
- disinfection and chemical use during maintenance operations
- safety procedures
- lock out procedures for mechanical and electrical installations
- policies, standard operating procedures and legislation
- relevant utilities and service bodies

- communication systems
- risk factors and potential hazards involved with wastewater vacuum systems
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of wastewater vacuum systems
- pipes and fittings
- pumping and valving systems
- control systems
- vacuum station odour control methods

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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