Australian Government

Assessment Requirements for NWPNET015 Perform leak detection

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. • Assessment Requirements created drawing upon specified assessment information from superseded unit

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.

- analysing data to take remedial action
- interpreting plans, specifications, policies and procedures
- providing maintenance records for equipment
- identifying safety risks and hazards
- planning leak detection activities
- locating, identifying and reporting leaks in water distribution networks
- operating leak detection equipment
- locating and marking leaks and arranging repair activities
- completing documentation

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.

- basic calculation
- identification, repair, lock out procedures
- system hydraulics
- system layout
- environmental aspects
- relevant utilities and service bodies

- landscape and ground structure of work area
- risk assessment and the identification of potential hazards
- equipment operation, capacity and limitations
- effects of weather and conditions on site or plant

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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