



Australian Government

**Assessment Requirements for
NWPHYD013 Operate, maintain and
decommission monitoring sites**

Release: 1

Assessment Requirements for NWP HYD013 Operate, maintain and decommission monitoring sites

Modification History

Release	Comments
1	<p>These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none">• Assessment Requirements created drawing upon specified assessment information from superseded unit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.

- interpreting and applying technical documentation to the installation and maintenance of instruments and equipment
- applying mechanical, electrical and electronic skills to the installation and maintenance of instruments and equipment
- using computer systems and system analysis equipment and tools to conduct in situ calibration of monitoring equipment and systems
- using required work practices to minimise environmental impact of the installation process
- using safety equipment and personal protective equipment
- using hand and power tools
- identifying and responding to potential or actual operational problems
- conducting inspections
- producing basic reports
- collecting and analysing data
- reading and interpreting plans, specifications, maps and job instructions
- interpreting and applying technical information and applications related to the installation and maintenance of a range of hydrographic instruments and equipment
- conducting tests of a range of hydrographic instruments and equipment and making adjustments to maintain accuracy
- installing and maintaining a range of hydrographic instruments and equipment in a range of sites and conditions and under conditions of extreme weather and high risk
- analysing risks in a range of locations and conditions and working safely in routine and extreme conditions

- identifying, reporting and solving potential and current problems, and taking immediate action to address high risk conditions
- storing and protecting instruments and equipment by stowing them in appropriate containers for storage and transport and by protecting them
- drafting decommissioning report with authorisation
- implementing decommission procedure for data management, site database, telemetry and internet

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.

- mathematical and scientific principles appropriate to the work role
- operating parameters, processes and capacity limitations of hydrographic instruments and equipment
- electrical and/or electronic systems operating principles
- risk factors and potential hazards involved with installing and monitoring instruments and equipment
- effects of weather and conditions on operating of hydrographic instruments and equipment
- computer based instrument and/or system analysis software and packages
- WHS procedures
- standards relevant to the tasks

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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