NWPNET021 Install metering equipment

Release: 1

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Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. • New unit, created drawing upon information from deleted units NWP223A and NWP215B

Application

This unit describes the skills required to plan prepare and install metering equipment.

This unit applies to those working as a field staff with specific responsibility for ensuring that the installation of meter equipment is completed in compliance with all relevant organisational and statutory requirements.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under indirect supervision while performing routine tasks, in a familiar context, and ensuring minimum damage to the environment.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Networks

Elements and Performance Criteria

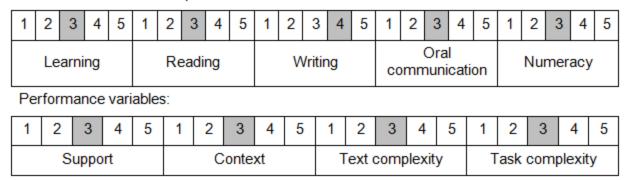| ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Plan and prepare work	1.1 Conduct risk assessment for environmental safety. 1.2 Determine work requirements and work site from specifications or instructions. 1.3 Prepare work plans using relevant plans, drawings, standards and

	technical data according to job and safety requirements.
	1.4 Select and use electrical safety equipment.
	1.5 Check coordination issues, including permission to access third-party sites, isolations and permits to work with relevant personnel.
	1.6 Identify, check and prepare materials, equipment and resources required to satisfy job plan.
	1.7 Identify basic metering equipment and recognise specifications for operation.
	1.8 Select safety equipment and fit and use personal protective equipment.
	1.9 Identify yourself to customers and organise arrangements to complete repairs.
2. Read metering equipment	2.1 Report readings outside normal parameters and faulty meters and apply organisational procedures for estimating consumption.
	2.2 Collect and report information on the performance of the metering equipment.
3. Install flow control and metering devices	3.1 Apply electrical safety equipment.
	3.2 Isolate water flow.
	3.3 Install meter or meter replacement.
	3.4 Restore water flow and check for leaks and meter operation.
	3.5 Remove electrical safety equipment and restore site.
4. Maintain flow control and metering devices	4.1 Carry out routine inspections of flow control and metering facilities in water distribution or wastewater collection systems.
	4.2 Carry out preventative maintenance and service of equipment and facilities.
5. Finalise work and complete documentation	5.1 Check, tag and report faulty equipment and tools.
	5.2 Store equipment, tools and materials.
	5.3 Restore work site.
	5.4 Maintain compliance reports and workplace records.
	5.5 Record and report activities.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

No equivalent unit.

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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