NWPNET038 Install metering equipment

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Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to install metering equipment.

It includes preparing, reading, installing and maintaining flow control metering equipment. It also includes finalising work, restoring worksite and completing documentation.

This unit applies to those working as field staff with responsibility for installing meter equipment in compliance with relevant workplace and statutory requirements. Those undertaking this unit would work under appropriate supervision while performing routine tasks, in a familiar context and ensuring minimum damage to the environment.

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

Pre-requisite Unit

Not applicable.

Competency Field

Networks

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Prepare for installing metering equipment	**1.1** Conduct environmental and work, health and safety risk assessment according to workplace procedures
	1.2 Determine work requirements and worksite from plans,

			specifications and instructions
		1.3	Check permission to access third-party sites, isolations and permits to work with relevant personnel
		1.4	Conduct earth leakage risk assessment according to workplace procedures
		1.5	Identify, check and prepare materials, equipment and resources required to satisfy job plan
		1.6	Identify metering equipment and recognise specifications for operation
		1.7	Select safety equipment and fit and use personal protective equipment (PPE)
		1.8	Present identification to customers and organise arrangements to complete repairs
		1.9	Select and use earth leakage safety equipment to metallic pipe for installing meters
2	**Read metering equipment**	2.1	Collect and report information on the performance of the metering equipment
		2.2	Identify potential faulty meters and apply workplace procedures
3	**Install flow control and metering devices**	3.1	Apply earth leakage safety equipment to metallic pipe according to workplace procedures
		3.2	Isolate water flow according to workplace requirements and procedures
		3.3	Install new meter or replace existing meter according to manufacturer instructions
		3.4	Restore water flow, check for leaks and meter is operating according to manufacturer instructions
		3.5	Remove earth leakage safety equipment and restore worksite
4	**Maintain flow control and metering devices**	4.1	Inspect flow control and metering facilities in water distribution
		4.2	Complete preventative maintenance and service equipment and facilities according to workplace procedures

5	**Finalise work and complete documentation**	5.1	Review, record and report work according to workplace procedures
		5.2	Restore worksite, complete and submit workplace records
		5.3	Check, maintain, store equipment, tools, materials and tag and report faulty equipment according to workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPNET021 Install metering equipment.

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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