

Title	Demonstrate knowledge of pipe installation using a soil displacement hammer		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to demonstrate knowledge of pipe installation using a soil displacement hammer.
----------------	----------------------------------------------------------------------------------------------------------------------------------

Classification	Infrastructure Works > Pipeline Construction and Maintenance
-----------------------	--------------------------------------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation and references relevant to this unit standard include: Resource Management Act 1991; Local Government Act 2002; Health and Safety at Work Act 2015, and subsequent amendments; Health and Safety in Employment (Pipelines) Regulations 1999; *Excavation Safety – Good Practice Guidelines 2016*, available from <http://www.worksafe.govt.nz/worksafe/information-guidance/all-guidance-items/excavation-safety-gpg>; *National Code of Practice for Utilities’ Access to the Transport Corridors*, Wellington: NZ Utilities Advisory Group, available from <http://www.nzuag.org.nz/national-code/>; Local and/or territorial authority requirements.
- 2 Definitions
Organisational procedures – instructions to staff, and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – site specific requirements, manufacturers’ specifications, product quality specifications, and legislative or regulatory requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of pipe installation using a soil displacement hammer.

Performance criteria

- 1.1 Pipe installation using a soil displacement hammer is described in terms of purpose and reasons for choosing over other methods.
- 1.2 Pipe materials suitable for use with a soil displacement hammer are described in terms of reasons for their choice.

- 1.3 Pipe installation using a soil displacement hammer is described in terms of checks required prior to commencement.
- Range local and/or territorial authority requirements, location of services, suitability of soil for pipe installation using a soil displacement hammer, hazards and safety checks.
- 1.4 Machinery and equipment for pipe installation using a soil displacement hammer is described in terms of function and suitability for purpose, criteria for selection, and care and maintenance requirements.
- 1.5 Ground conditions that affect pipe installation using a soil displacement hammer are described in terms of organisational procedures for their management.
- Range displaceable soil, water table, non-cohesive soil, soil strength.
- 1.6 Methods for setting up, aiming, tracking and controlling soil displacement hammer equipment are described in accordance with organisational procedures.
- 1.7 The process of pipe installation using a soil displacement hammer is described in accordance with organisational procedures.
- Range concurrent with soil displacement, after soil displacement.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	31 December 2023
Review	2	26 August 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference	0101
------------------------------------------------------------	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.