

Title	Report on pipe condition for a CCTV inspection of non-pressure water services assets		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to, for non-pressure water services assets: complete closed circuit television (CCTV) inspection header information; and identify and code defects and features within non-pressure water services assets.
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Classification	Water Industry > Water Reticulation
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Available grade	Achieved
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Explanatory notes

- 1 Legislation and references relevant to this unit standard include: Local Government Act 2002, Resource Management Act 1991, Health and Safety at Work Act 2015, and subsequent amendments;
New Zealand Pipe Inspection Manual (current edition), available from <http://www.waternz.org.nz>.
- 2 Definitions
Organisational procedures – instructions to staff, and procedures which are documented in memo or manual format and are available in the workplace. These procedures include but are not limited to – site specific procedures, laboratory procedures, manufacturers’ specifications, product quality specifications and reference to legislative or regulatory procedures relevant to the industry.
Non-pressure water services – in this context refers to all pipe systems and components that contribute to the collection and disposal of wastewater and stormwater.
- 3 The accuracy level required for evidence requirement 2.1 is determined by the data audit procedures described in the *New Zealand Pipe Inspection Manual*.

Outcomes and evidence requirements

Outcome 1

Complete CCTV inspection header information for non-pressure water services assets.

Evidence requirements

- 1.1 Details of the inspected asset are recorded in accordance with organisational procedures.

Range asset ID, pipe length, pipe material, joint spacing, pipe size, pipe shape, pipe use.
- 1.2 Pipe location details are recorded in accordance with organisational procedures.

Range upstream/downstream node ID and type, depth to invert.
- 1.3 Pipe inspection details are recorded in accordance with organisational procedures.

Range client, inspection date and time, setup, completion status, pipe condition status.

Outcome 2

Identify and code defects and features within non-pressure water services assets.

Evidence requirements

- 2.1 All defects and features are recoded on CCTV inspection logsheet report to an accuracy level of 95%.

Range defects including severity band, feature codes, distance to defects/features, clock references, mandatory remarks.
- 2.2 Still images are captured in the logsheet report in accordance with organisational procedures.

Replacement information	This unit standard, unit standard 30094 and unit standard 30095 replaced unit standard 22107.
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Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 2017	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.