

Title	Describe water supply system components and tools, and assemble a simple water supply system		
Level	2	Credits	3

Purpose	<p>This unit standard is for people working, or intending to work, in the primary industry.</p> <p>People credited with this unit standard are able to; identify components and tools used in building a simple water supply system, and describe their purpose; and assemble a simple water supply system based on a given plan.</p>
----------------	---

Classification	Primary Sector > Primary Sector Core Skills
-----------------------	---

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

Guidance Information

- 1 All evidence presented in the unit standard must be in accordance with:
 - Health and Safety at Work Act 2015.
- 2 Definitions

Components may include but not limited to – pipe, straight fittings, tee fittings, bends, joiners, reducing fittings, bushes, bungs, valves (taps), floats, troughs.

Tools may include but not limited to pipe cutters, adjustable pliers, crescent, spanner, pipe wrench, hacksaw, round file, cutting blade, thread tape.

A *water supply system* refers to structures that supply water for a primary industry use for example stock water, irrigation, hydroponics, water conservation.

Outcomes and performance criteria

Outcome 1

Identify components and tools used in building a simple water supply system, and describe their purpose.

Performance criteria

- 1.1 Identify components used to build a water supply system and describe their purpose.

Range evidence of ten components.

1.2 Identify tools used to build a water supply system and describe their purpose.

Range evidence of six tools.

Outcome 2

Assemble a simple water supply system based on a given plan.

Range must include – a minimum of six water supply system components.

Performance criteria

2.1 Select suitable tools, equipment and materials to connect up a water supply system.

2.2 Connect and fit fittings to the manufacturer's recommendations and in accordance with the given plan.

2.3 Fit and adjust fittings and valves to manufacturers specifications.

2.4 Check system for faults when operational.

2.5 Tidy the surrounding area and equipment used in accordance with workplace procedures.

Planned review date	31 December 2023
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 2019	N/A

Consent and Moderation Requirements (CMR) reference	0232
--	------

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

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.