

<b>Title</b>	<b>Use a conductor trolley on de-energised transmission line conductors</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare a conductor trolley for use; and place and remove a conductor trolley.
----------------	---

<b>Classification</b>	Electricity Supply > Electricity Supply - Transmission Networks
-----------------------	---

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable legislative and industry requirements.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to:
  - Electricity Act 1992
  - Health and Safety at Work Act 2015
  - Electricity supply industry codes of practice and documented enterprise procedures, including *Safety Manual – Electricity Industry (SM-EI)* and relevant EEA guides available from [www.eea.co.nz](http://www.eea.co.nz).
 and any subsequent amendments and replacements.
- 3 Definitions  
*Asset owner* refers to a participant who owns or operates assets used for generating or conveying electricity.  
*Industry requirements* include all asset owner requirements and standards; manufacturers' specifications; and enterprise requirements which cover the documented workplace policies, procedures, specifications, business, and quality management requirements relevant to the workplace in which assessment is carried out.

---

### Outcomes and performance criteria

#### Outcome 1

Prepare a conductor trolley for use.

**Performance criteria**

1.1 Correct work instruction for task at hand is identified.

Range may include but is not limited to – select work instruction for the line configuration to be worked on, single circuit, double circuit, suspension structure, simplex, duplex quad conductor.

1.2 Tooling is selected to match work instruction.

Range may include but is not limited to – tool bags, capstan assembly complete, capstan hoist and lead, snatch blocks, nylon strops (endless), shackles, hand lines, safety strop, portable earths.

1.3 Work preparation is completed in terms of identifying the line, circuit, and phases to be worked on; laying out the tools; and ensuring that tools are clean, undamaged, and fit for purpose, trolley is compliant for circuit voltages, trolley brakes.

**Outcome 2**

Place and remove a conductor trolley.

**Performance criteria**

2.1 Tools for trolley raising and lowering are set up on the ground.

2.2 Rigging for trolley raising and lowering is set up.

2.3 Trolley is lifted and placed on the conductor.

2.4 Trolley is passed through or around suspension insulator.

2.5 Trolley is removed from conductor and lowered to ground.

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	20 April 2004	31 December 2018
Review	2	23 April 2008	31 December 2018
Review	3	20 August 2015	31 December 2020
Review	4	28 September 2017	N/A
Rollover and Revision	5	2 March 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0120
--	------

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

---

**Comments on this unit standard**

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@WaihangaAraRau.nz](mailto:qualifications@WaihangaAraRau.nz) if you wish to suggest changes to the content of this unit standard.