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| Title | Carry out the functions of the poleman on a cable harvesting landing | | |
| Level | 3 | Credits | 10 |

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| Purpose | <p>This unit standard is intended for people employed as a poleman in a cable harvesting operation. The poleman assists with productivity and safety around the cable yarder.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of risks associated with working on a cable harvesting landing as a poleman; unhook landed stems in the chute; monitor and inspect the condition of the carriage, wire ropes, rigging, and strops during unhooking, and replace, repair, or report as necessary; maintain the poleman's equipment; and carry out poleman lineshift duties for the cable yarder.</p> |
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| Classification | Forestry > Forest Harvesting Operations |
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| Available grade | Achieved |
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Guidance Information

- 1 This unit standard must be assessed against on-job.
- 2 Legislation relevant to this unit standard includes the Health and Safety at Work (HSW) Act 2015; the Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018; and any subsequent amendments.
- 3 References
Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations, December 2012, available from <https://worksafe.govt.nz/>.
 New Zealand Forest Owners Association, *Forest Practice Guides* (2019), and any subsequent amendments, available from <https://www.nzfoa.org.nz>.
- 4 Definitions
Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.
Rigging refers to either of butt rigging or carriage.
Strawline refers to a light cable used to haul heavier cables during the setup of a cable harvesting operation, and may be wire, synthetic, or an accepted alternative material.
Talkie tooter refers to a remote control radio designed for use in harvesting.
Worksite procedures refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety

procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of risks associated with working on a cable harvesting landing as a poleman.

Performance criteria

- 1.1 The risks specific to the poleman role are identified, and methods to control them are explained in accordance with accepted industry practice.

Range evidence of four risks and a control method for each is required.

Outcome 2

Unhook landed stems in the chute.

Performance criteria

- 2.1 Cable harvesting signals are explained in accordance with the accepted industry practice.

Range may include but is not limited to – emergency, stop and hold any moving rope or machine, ahead on mainline, ahead on tailrope, ahead on tailrope hold mainline, ahead on mainline hold tailrope, slack on mainline, slack on tailrope, lower skyline, raise skyline, strawline, 'knock off' or 'smoko'.

- 2.2 A signal from the yarder operator is received and acknowledged before moving in to release strops.
- 2.3 Wire ropes, rigging, and landed stems are checked for stability and security before moving in to release strops.
- 2.4 Drag is approached from the front and the order of releasing strops is assessed.
- 2.5 Strops are released and stems are unhooked.
- 2.6 Yarder operator is directed using industry-recognised hand signals.

Range may include but is not limited to – one stem still stopped, emergency, stop and hold any wire rope, slack on mainline, ahead on tailrope.

Outcome 3

Monitor and inspect the condition of the carriage, wire ropes, rigging, and strops during unhooking, and replace, repair, or report as necessary.

Performance criteria

- 3.1 A visual check of the rigging is made during unhooking, and maintenance requirements are reported to the supervisor in accordance with the accepted industry practice and worksite procedures.

Range may include but is not limited to – carriage, blocks, wire ropes, strops, synthetic ropes.

- 3.2 The carriage and/or blocks are lubricated and daily maintenance carried out in accordance with the manufacturer's requirements.

- 3.3 Strops are made up, repaired, or upended in accordance with the accepted industry practice.

- 3.4 Strops are replaced if necessary in accordance with the accepted industry practice and worksite procedures.

Outcome 4

Maintain the poleman's equipment.

Performance criteria

- 4.1 Tools and equipment for the maintenance of wire ropes and rigging are stored and maintained in accordance with worksite procedures.

Range may include but is not limited to – ferrules, chokers, shackles, wire rope cutting equipment, wire rope splicing equipment, hooks, butt rigging, chain saw; evidence is required for all of the equipment which the poleman is responsible for in the workplace where assessment takes place.

- 4.2 The designated safe area on the landing is identified and is used for the maintenance of equipment in accordance with the accepted industry practice.

Outcome 5

Carry out poleman lineshift duties for the cable yarder.

Performance criteria

- 5.1 Established industry signals are used in accordance with accepted industry practice.

Range may include – hand signals, talkie tooters, direct communication; evidence of two signals is required.

- 5.2 The poleman lineshift duties are described in accordance with accepted industry practice.
- 5.3 The poleman lineshift duties are carried out efficiently, minimising downtime, in accordance with accepted industry practice and worksite procedures.
- 5.4 When required, wire rope is spooled onto the appropriate drum in accordance with the accepted industry practice.
- 5.5 When required, strawline is coiled and stored in accordance with the accepted industry practice.
- 5.6 Broken strawline is spliced, knotted, and put back into service in accordance with the accepted industry practice.

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| Planned review date | 31 December 2024 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-----------------|--------------------------|
| Registration | 1 | 26 October 2005 | 31 December 2012 |
| Review | 2 | 22 May 2008 | 31 December 2012 |
| Revision | 3 | 17 April 2009 | 31 December 2012 |
| Review | 4 | 8 December 2011 | 31 December 2016 |
| Review | 5 | 19 March 2015 | N/A |
| Review | 6 | 23 January 2020 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0173 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.