

<b>Title</b>	<b>Prepare to use, use, and remove a stump grinder in an arboriculture situation</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare to use; use; and remove a stump grinder from site; in an arboriculture situation.
----------------	--

<b>Classification</b>	Horticulture > Arboriculture
-----------------------	------------------------------

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

## Guidance Information

1 Legislation, standards, and references relevant to this unit standard include but are not limited to:

- Health and Safety at Work Act 2015;
- Resource Management Act 1991;
- BS 3998:2010, *Tree work. Recommendations*, available from [www.britishstandard.org.uk](http://www.britishstandard.org.uk);
- AS4373:2007, *Pruning of amenity trees*, available from <https://www.standards.org.au/>;
- ANSI A300, *Standards for Tree Care Operations* (Parts 1 – 7) and their subsequent amendments, available from [www.isa-arbor.com](http://www.isa-arbor.com);
- *Guide for Safety with Underground Services* (2002); available [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
- WorkSafe New Zealand, *Approved Code of Practice Safety and Health in Arboriculture* (2012), available from [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
- WorkSafe New Zealand, *Approved Code of Practice for Safety and Health in Tree Work Part 2: Maintenance of trees around power lines* (1996), available from [www.worksafe.govt.nz/worksafe](http://www.worksafe.govt.nz/worksafe);
- New Zealand Arboricultural Association Inc. (NZ Arb), *Best Practice Guide (BPG) for Safety Requirements in New Zealand Arboricultural Operations* (2017), available from [www.nzarb.org.nz](http://www.nzarb.org.nz); and any subsequent amendments.

2 Definitions

A *young* amenity tree and shrub refers to recently established tree and shrub that may need assistance to develop and become fully established.

*Workplace procedures* – the policies and procedures on safety and operation set down by the employer or organisation. Procedures should reflect industry best practice, the BPG, equipment manufacturers' requirements, and current legislation.

3 For the purposes of assessment:

- evidence must be presented in accordance with workplace procedures.

---

## Outcomes and performance criteria

### Outcome 1

Prepare to use a stump grinder in an arboriculture situation.

#### Performance criteria

1.1 Verify personal safety equipment as fit for purpose.

Range includes but is not limited to – safety footwear, gloves, non-catch clothes, hard hat, hearing and eye protection.

1.2 Check and service the stump grinder.

Range includes but is not limited to – inspecting of all safety features; checking trailer for road-worthiness, security of stump grinder on trailer; checking for anything loose; fuel, coolant and, hydraulic oil levels.

1.3 Check the site for underground services.

1.4 Prepare the stump grinder for use.

Range includes but is not limited to – pre-start checks; greasing all relevant grease points; checking condition of stump grinder teeth; erecting barriers and/or signage where necessary.

### Outcome 2

Use a stump grinder in an arboriculture situation.

#### Performance criteria

2.1 Position the stump grinder in preparation for use.

2.2 Operate the stump grinder ensuring stump is ground below ground level and stop safely after operation.

### Outcome 3

Remove a stump grinder from site.

#### Performance criteria

3.1 Transport the stump grinder off site in transport format at the end of the job in a safe and secure manner.

3.2 Leave the site in accordance with any contract specifications.

---

<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	11 December 2009	31 December 2023
Review	2	25 March 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0032
--	------

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

**Comments on this unit standard**

Please contact the Primary ITO [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.