

<b>Title</b>	<b>Operate a butting machine for port log loading operations</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare a butting machine for operation; butt logs; and shut down the butting machine.
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<b>Classification</b>	Stevedoring and Ports Industry > Port Machinery Operations
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Unit 18950, <i>Describe log handling for port and shipping operations</i> , or demonstrate equivalent knowledge and skills.
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### Guidance Information

- Legislative and regulatory requirements relevant to this unit standard include – Health and Safety at Work Act 2015;  
*Approved Code of Practice for Health and Safety in Port Operations*, available at [Health and safety in port operations | WorkSafe](#);  
*New Zealand Port and Harbour Marine Safety Code*, available at [New Zealand Port and Harbour Marine Safety Code - Maritime NZ](#).
- Any new, amended or replacement Acts, regulations, Rules, standards, codes of practice, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with company requirements, legislative requirements and regulatory requirements.
- Definitions  
A *butting machine* is a standard agricultural tractor or an articulated front-end loader fitted with a butting plate, with the specific function of squaring heaves of logs before they are loaded onto a vessel by crane.  
*Company requirements* refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions and legislative requirements.  
*Regulatory requirements* refer to regulations set by but not limited to the New Zealand Customs Service, Ministry for Primary Industries and WorkSafe New Zealand.

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## Outcomes and performance criteria

### Outcome 1

Prepare a butting machine for operation.

#### Performance criteria

1.1 Prestart check to ensure the butting machine is in usable order for operation is demonstrated.

Range fluid levels, structural damage, tyre inflation, lighting if required, controls.

1.2 Start-up of the machine carried out.

Range controls in neutral, personnel clear of machine, sitting in seat, correct cranking procedure.

### Outcome 2

Butt logs.

#### Performance criteria

2.1 Manoeuvring and positioning of machine is performed and contributes to smooth and efficient loading.

Range avoids harm and/or damage to – people, equipment, property, logs and their labelling.

2.2 Logs are butted squarely in the cradle, with even overhangs for attachment of wires.

### Outcome 3

Shut down the butting machine.

#### Performance criteria

3.1 The butting machine is shut down.

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<b>Planned review date</b>	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	24 January 2002	31 December 2023
Review	2	27 October 2006	31 December 2023
Rollover	3	17 September 2015	31 December 2023
Review	4	24 February 2022	N/A

**Consent and Moderation Requirements (CMR) reference**

0014

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

**Comments on this unit standard**

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.