

40741 Operate and maintain functionality of a mechanical saw for boning in a meat processing operation

Kaupae Level	4
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard is for people working in a meat processing operation.</p> <p>It recognises the skill required to disassemble, assemble, set up and maintain a mechanical saw and operate a mechanical saw for boning.</p> <p>It can be used in the New Zealand meat processing qualifications at Level 4 and above.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
a. Maintain functionality by disassembling, assembling and setting up a mechanical saw in a meat processing operation.	a. Disassemble mechanical saw for cleaning and sterilisation in accordance with manufacturer's specifications and legislative requirements.
	b. Assemble and make necessary adjustments to mechanical saw and benchtop in accordance with manufacturer's specifications and legislative requirements.
	c. Ensure mechanical saw is stable and bench top is level.
	d. Test run mechanical saw before use and check functionality.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
b. Operate a mechanical saw for boning in a meat processing operation.	a. Make clean and straight saw cuts without excessive force or unnecessary duplication.
	b. Cut meat in accordance with company and customer specifications for size, placement, and angle of saw cuts.
	c. Replace any damaged or blunt blades.
	d. Maintain cleanliness of bench top and work area.
	e. Ensure safe and ergonomic use of mechanical saw to minimize risk to self and others.
	f. Stop mechanical saw operation immediately when any malfunction occurs with the machine, re-start when the problem is rectified, and report malfunction in accordance with manufacturer's specifications.
	g. Report any unsafe factors affecting operator concentration and coordination to supervisory staff.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

All assessment activities must be carried out in accordance with organisational requirements.

- Cuts performed during assessment against this skill standard must meet company specifications and must be made to either fresh or frozen carcasses.
- Carcasses may include but are not limited to – bovine, ovine, pork, deer, goat.
- Assessment criteria 2f and 2g: evidence may be gathered in a simulated environment.

Definitions:

Company specifications – product specifications set by the company relating to cuts, weights, presentation, and packaging.

Customer specifications – product specifications set by clients relating to cuts, weights, presentation, and packaging.

Manufacturer's specifications – instructions from the manufacturer which outlines the specifications, parts, maintenance, service schedule, repair and running of specific equipment.

Mechanical saw – a compressed air or electrically operated saw.

Operator – the candidate being assessed against this unit standard.

Organisational requirements – instructions to staff on policies and procedures that are documented in memo, electronic, or manual format and available in the workplace.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- Mechanical saws such as bench top, blade guards, blade.
- Saw settings, such as height and tension adjustments.
- Meat cuts, such as beef stock bones, primal cuts, spare ribs, op ribs, chine bone, special beef shank, brisket bone from frame.

Rauemi | Resources

- [Health and Safety at Work Act 2015.](#)
- [Animal Products Act 1999.](#)
- [Operational code: Red meat post slaughter activity Code of Practice Chapter 9 \(mpi.govt.nz\).](#)

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Manufacturing > Meat Processing > Boning Operations
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0033

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 August 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 25028.		
Rā arotake Planned review date	31 December 2030		

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council at qualifications@hangaarorau.nz to suggest changes to the content of this skill standard.