

40835**Operate a truck loader crane to lift and place regular loads**

Kaupae Level	3
Whiwhinga Credit	20
Whāinga Purpose	<p>This skill standard is for people intending to complete a qualification and/or credentials in crane operation.</p> <p>People with this skill standard have the skills to complete pre-start checks, configure and move regular loads with a truck loader crane.</p> <p>This skill standard may contribute to New Zealand qualifications designed for crane operation.</p>
Whakaakoranga me mātua oti Pre-requisites	<p>Skill standard 40829 <i>Carry out slinging and communicate effectively in a lifting operations context</i> and skill standard 40830 <i>Sling varied regular loads, and direct a crane during lifting operations</i>, or equivalent skills and knowledge.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Complete pre-lift activities for a truck loader crane.	a. Pre-start checks are completed in accordance with manufacturer's specifications and/or company requirements.
	b. Pre-start documentation is completed, and remedial action is taken for any defects.
	c. Potential hazards and risks are identified, including environmental conditions, and appropriate controls are implemented.
	d. Lift plan is created for regular loads.
2. Configure the truck loader crane.	a. Crane is configured according to manufacturer's specifications and local conditions.
3. Lift and place regular loads with a truck loader crane.	a. Select and check lifting equipment.
	b. Lifting requirements are completed safely.
	c. Crane is positioned, stowed, secured and prepared for road transport mode.

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

Assessment specifications:

Configuration includes assessment of ground conditions/slope, stabiliser (outrigger) positions, suitable footing.

Lift plan must include weight calculations for regular and irregular loads, centre of gravity, identified hazards/risks and controls, appropriate lifting equipment and configuration, person directing the lift and communication methods to be used, as appropriate

Lifting equipment may include pallet fork, grabs, rotator, slings, spreaders, hooks, clamps, magnets, suction plates, fixed man-cages, ropes, chains.

Lifting requirements include assessing the load to determine it is within lifting capacity of the crane, positioning and levelling the truck (includes applying the park brake, using stabilisers, plates, packing), checking and setting up the crane for load slinging, selecting and checking lifting equipment, slinging the load, checking the load is free of attachments and restraints while maintaining load stability, assessing the lift, load, equipment and truck to ensure they are stable for the entire operation, lifting, moving and unloading/placing loads.

Pre-start documentation may include logbook, inspection template.

Pre-start checks should be carried out for both the carrier and crane for assessment.

Assessment must involve two assessor observed lifts.

Definitions:

Company requirements refer to instructions to staff on policy and procedures, which are documented in memo or manual format and available in the workplace. These requirements may include site specific requirements, company quality management requirements, manufacturer's requirements, Approved Codes of Practice and guidelines, and legislative requirements.

Regular loads have the characteristics of uniform weight distribution, concentric loading or regular proportions, known lifting points, and have been repetitively lifted.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Hazards associated with truck loader cranes.
- Pre-start checks and documentation for truck loader cranes.
- Operational requirements for truck loader cranes.
- Lock out and tag out processes for truck loader cranes.
- Lifting equipment terminology for functions of critical components and equipment.
- Procedures for care and use of lifting equipment.
- Load assessment
- Slope angle.

Rauemi | Resources

- Approved Code of Practice for Cranes, available from www.worksafe.govt.nz.
- Crane Programme Guidance, available from qualifications@waihangaararau.nz.
- Crane Safety Manual: For Crane Operators & Dogmen (Crane Association of New Zealand), available from www.cranes.org.nz.
- Equipment manufacturer requirements and / or company policies.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Service Sector > Cranes > Crane Operation
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	27 November 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 16617.		
Rā arotake Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.