

CP1 Plan Plan a concrete pumping operation.

Kaupae Level	4
Whiwhinga Credit	6
Whāinga Purpose	<p>This skill standard is for people who want to plan a concrete pumping operation.</p> <p>It is for learners with experience in concrete pumping who want to prepare to work as a commercially competent concrete pump operator.</p> <p>This skill standard is intended to be used in the New Zealand Certificate in Concrete (Specialist) L4 Concrete Pump Operation (Boom Delivery System) or Concrete Pump Operation (Line Delivery System) strand.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Plan a concrete pump operation	a. Review concrete pumping site check information.
	b. Safety requirements identified.
	c. Machinery and operator requirements identified.
2. Complete a task analysis.	a. Job location, date and timing identified.
	b. Job sequence steps identified.
	c. Significant hazards, risks and their controls are identified and listed.
3. Finalise concrete pumping plan with sign off.	a. Plan checked and signed off.

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

Assessment specifications:

You will plan a concrete pumping operation to the standard of a commercially competent Concrete Pump Operator.

Performance must reflect industry best practice.

Concrete Pump Operation does not include driver licensing requirements.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- Job specifications, contacts, location, concrete mix, concrete supplier
- On-site assessment - access, location of pump, ground conditions and stabilisation method requirements
- Operational safety zones around pump machinery
- Task analysis, hazard and risk identification, risk management.
- Implementation of risk management planned use of safety equipment and personal protective equipment.
- Temporary traffic management rules and signage requirements and operator responsibilities.
- Machinery and equipment requirements.
- Wash out plan, surplus concrete, and environmental protection requirements.
- Pump logbook responsibilities.
- Inspections and testing records including daily pre-use checks.
- Pumping machinery components, function, operating capacity and manufacturer's operating instructions and guidelines.
- Concrete pump Certificate of Compliance requirements.
- Data plates and vehicle registration.
- Pumping operation plan sign off responsibilities.

Rauemi | Resources

- Concrete Pumping Health and Safety Guidelines February 2013 Copyright © Concrete Pumping Association of New Zealand.
- Programme guidance available from qualifications@waihangaararau.nz

Pārongo Whakaū Kounga | 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	Planning and Construction > Concrete > Concrete Construction
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0048

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	[dd mm yyyy]	[dd mm yyyy]
Arotakenga Review	<type here>	[dd mm yyyy]	[dd mm yyyy]
Kōrero whakakapinga Replacement information	<type here>		

Rā arotake Planned review date	[dd mm yyyy]
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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.