

Demo_4 Plan and complete demolition work for renovations

Kaupae Level	4
Whiwhinga Credit	
Whāinga Purpose	<p>This skill standard recognises the skills required to plan and complete demolition work for renovations.</p> <p>It contributes to the New Zealand Certificate in Carpentry (Level 4) with optional strand in Metal Roof Cladding Installation [Ref:2738].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Develop and document work plans for demolition work for renovations.	a. The scope and stages of demolition work are defined to ensure compliance with plans and specifications
	b. Key components of the demolition plan are identified and aligned with plans and specifications
	c. The requirements of a demolition plan are identified and documented to reflect plans and specifications.
2. Complete preparations for demolition work for renovations.	a. Preparations are completed to secure existing structures and isolate services, ensuring compliance with project and safety requirements.
	b. Preparations are completed to protect exposed areas, maintaining compliance with project and quality control requirements.
3. Complete demolition work for renovations.	a. Demolition tasks are carried out using appropriate tools, techniques, and materials, ensuring alignment with plans and specifications.
	b. Worksite activities are monitored to maintain safety and minimise disruptions to the work programme.

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

Assessment specifications:

To achieve this standard the candidate must be capable of planning for, and carrying out, demolition work for renovations in a construction workplace to industry standards.

Industry standards must reflect industry best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Plans and specifications can include working drawings, plan specifications, manufacturer specifications, installation instructions, work, demolition and project plans.

This standard must be assessed in the workplace

Evidence for this standard must be:

- to current and relevant Legislation, Standards, and Codes (including safety),
- in an environmentally sustainable manner,
- within an acceptable timeframe,
- in different and unfamiliar contexts,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Demolition plan information:

- Safety for workers, occupants, and the public:
- Handling hazardous waste (e.g., asbestos) and contaminants (e.g., dust).
- Temporary weather protection and clean-up procedures.
- Environmental considerations:
- Mitigating hazardous contaminants (e.g., dust suppression techniques).
- Sustainable waste disposal, including recycling and reusing materials.
- Identifying when work requires notification to regulatory bodies.
- Identifying and isolating services such as electric, water, gas, and internet.
- Detailed steps for the controlled demolition process.
- Implementing methods to minimize and contain airborne particles.

Working with other trades/specialists:

- Coordination with specialists for hazardous waste removal.
- Consulting with engineers for structural integrity assessments.
- Collaborating with environmental agencies for waste compliance.

Protection of surrounding areas:

- Securing protective barriers: Using tarpaulins, plastic sheeting, or plywood boards to shield adjacent areas.
- Ensuring the integrity of nearby structures and environments.

Regulations and restrictions:

- Understanding legal requirements:
- Notifiable work and building consents.
- Licensing requirements for specific demolition tasks.
- Adhering to traffic management plans where required.

Demolition methods:

- Techniques such as breaking out, crushing, knocking down, removing, dismantling, recycling, and imploding.
- Bracing and propping methods to support structures during demolition.

Inspection and planning:

- Demolition inspections:
- Identifying structures or parts requiring a demolition process.
- Hazard identification:
- Assessing potential risks to workers, equipment, and the environment.
- Sustainable waste planning:
- Identifying disposal facilities and processes across different regions in New Zealand.

Tools and equipment:

- Selection and use of demolition tools and machinery.
- Maintenance and safe operation of equipment to industry standards.

Considerations for alterations:

- Planning for partial demolition or integration with new structures.
- Protecting reusable materials or incorporating recycled materials into new work.

Rauemi | Resources

Programme Guidance information 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 > Construction Trades > Carpentry
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]	N/A
Kōrero whakakapinga Replacement information	This skill standard replaces unit standards:		
Rā arotake Planned review date	31 December 2029		

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.

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