

Roof L3 Analyse plans and specifications to confirm roof cladding installation compliance

Kaupae Level	3
Whiwhinga Credit	
Whāinga Purpose	<p>This skill standard recognises the skills required to identify roof cladding practices and systems.</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. Analyse plans and specifications to confirm roof cladding installation compliance.	a. Common roof cladding materials and their applications are identified.
	b. Key steps involved in roof cladding installation are identified.
	c. Legislative and regulatory requirements for weatherproofing in roofing are identified.
	d. The contribution of roof cladding systems to overall building weatherproofing is identified.
	e. Roof cladding details are interpreted from plans and specifications.
	f. Weatherproofing measures specified for roof construction are identified and evaluated for compliance with standards.

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

Assessment specifications:

To achieve this standard the candidate must be capable of analysing plans and specifications to confirm roof cladding installation compliance 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 and, work, demolition and project plans.

This standard may be assessed in the workplace or a simulated work environment.

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,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Roof cladding materials

- Characteristics, advantages, and applications of cladding materials.
- Preparation, fixing, and securing methods, including overlaps, fasteners, and flashing installation.
- Tools and equipment required for installation
- Working safely at heights while installing roof cladding.

The processes for installing

- Types of roof cladding materials and their applications.
- Key steps in roof cladding installation, including preparation, fixing, and securing.
- Tools and equipment used for installing roof cladding.
- Safe working practices during installation.
- Safe handling of materials.
- Ensuring a clean and hazard-free workspace.
- The impact of weather conditions during installation

Weatherproofing compliance

- Building code and standards relevant to weatherproofing compliance, including NZS 3604.
- Weatherproofing principles, including drainage, ventilation, and water-shedding.
- Roles of underlays, seals, flashings, and junctions in weatherproofing.
- Importance of compliance with regulatory requirements.

Plans and specifications

- Key features of plans and specifications, including roof cladding type and flashing details.
- Techniques for interpreting roof cladding and weatherproofing details in plans.
- Identifying compliance requirements from plans and specifications.
- Recognizing and addressing discrepancies in plans, specifications, and standards.

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.