

**40230****Repair and maintain torch on membrane roof cladding systems**

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	10
<b>Whāinga   Purpose</b>	<p>This skill standard recognises the skills required to repair and maintain torch on membrane roof cladding systems.</p> <p>This skill standard aligns with the New Zealand Certificate in Roofing (Installation) (Level 4) with strands in Concrete or Clay Tile Roof, Liquid Roof Membrane Systems, Metal Tile Roof, Profiled Metal Roof and Wall Cladding, Shingle or Slate Roof, Single Layer Roof Membrane Systems, and Torch On Roof Membrane Systems [Ref: 3512-2].</p>

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

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Repair torch on membrane roof cladding systems.	a. Inspections are carried out to identify repair requirements of the cladding system.
	b. Preparations are carried out to ensure roofing system and work area are ready for required repair work.
	c. Repair is carried out to meet industry standard requirements.
2. Maintain torch on membrane roof cladding systems.	a. Inspections are carried out to identify maintenance requirements of the cladding system.
	b. Preparations are carried out to ensure roofing system and work area are ready for required maintenance work.
	c. Required maintenance is carried out to meet industry standard requirements.

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

Assessment specifications:

To achieve this standard the candidate must be capable of repairing and maintaining existing torch on membrane roof cladding systems for varying pitch to industry standards.

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

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,
- in different and unfamiliar contexts,
- with acceptable behaviours.

*Cladding systems* refer to materials (underlays, claddings, and flashings) and methods that prevent the passage of water from entering the building. The method of installation may vary with the pitch.

### Ngā momo whiwhinga | Grades available

Achieved.

### Ihirangi waitohu | Indicative content

- Inspecting roof cladding for signs of damage, wear, or deterioration.
- Regular maintenance requirements.
- Standard life span of roof cladding systems.
- Environmental considerations.
- Repair methods and techniques.
- Quality checking procedures.
- Identifying and working with hazardous substances.
- Preparation of a work schedule and safety plan.
- Cleaning up and removal of waste from work site.

### Rauemi | Resources

Roofing Programme Guidance information available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

### Pārongo Whakaū Kounga | Quality assurance information

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Planning and Construction > Plumbing, Gasfitting and Drainlaying > Roofing
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0003

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	28 November 2024	N/A
<b>Kōrero whakakapinga   Replacement information</b>	N/A		
<b>Rā arotake   Planned review date</b>	31 December 2029		

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