

## 40302 Work with light steel for construction tasks

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	3
<b>Whāinga   Purpose</b>	<p>This skill standard recognises the skills required to work with light steel for construction.</p> <p>This skill standard contributes to qualifications designed for the construction environment.</p>

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

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
1. Identify key requirements when working with light steel in a construction environment.	a. Appropriate tools, materials, and fixings and/or fasteners are selected according to light steel requirements.
	b. The main characteristics and functions of light steel components are described.
2. Handle, work with, and store light steel components in a construction environment.	a. Light steel components are safely handled and worked with.
	b. Actions are made to ensure light steel components integrity is maintained.

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

#### Assessment specifications:

Assessment must include use of light steel for familiar construction tasks.

*Light steel* refers to cold formed, rolled, and punched elements used to form the structural system of a building or structure.

#### Ngā momo whiwhinga | Grades available

Achieved

**Ihirangi waitohu | Indicative content****Light steel**

- Light steel properties and uses.
- Form and dimensioning.
- Sourcing information.
- Sourcing and sustainability.
- Hybrid components.
- Steps to follow when identifying damage to light steel.

**Handling and storage**

- Protection from damage.
- Assembly techniques according to design specification.
- Use of correct connections.
- Compatibility with other materials.
- Environmental and site-specific considerations.
- Steel earthing.
- Fire safety.

**Rauemi | Resources**

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

**Pārongo Whakaū Kouna | 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 > Construction Trades > Core Construction
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0048

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	28 November 2024	N/A
<b>Kōrero whakakapinga  </b> Replacement information	This skill standard, skill standard 40301 and skill standard 40303 replaced unit standard 30855.		
<b>Rā arotake  </b> Planned review date	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.