

## 8 Ind Prac Describe construction industry stakeholders, communication systems and regulatory frameworks

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	<p>This skill standard recognises the knowledge of the construction industry required for learners entering a structural detailing role in New Zealand.</p> <p>This skill standard may contribute to the New Zealand Diploma in Detailing (Structural) (Level 5) with strands in Light steel, Structural steel, Precast concrete, and Reinforcing steel [Ref:4515]</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. Describe the roles and responsibilities of the main stakeholders involved in a structural detailing project.	a. Specific functions, contributions, and responsibilities of the main stakeholders align to construction industry guidelines.
2. Outline the purpose of the building regulatory system and compliance frameworks for a structural detailing project.	a. Building regulatory system components outlined include legislation, codes, and standards relevant to a structural detailing project.
	b. Compliance frameworks to ensure safety, quality, environmental and sustainability of buildings are outlined.
3. Evaluate digital technologies and processes used for communication in a structural detailing project.	a. Evaluation outlines the commonly used digital technologies and processes relevant to structural detailing project management.

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

#### Assessment specifications:

Evidence for this standard reflect the New Zealand construction industry regulatory systems and compliance framework requirements applied in a structural detailing context.

Main stakeholder roles and responsibilities described align with the NZCIC Guidelines.

Digital communication technologies evaluation includes building information management, 3D online collaboration platforms, email, task management and online collaboration applications.

Regulatory system and compliance frameworks descriptions aligns with NZCIC Guidelines and includes the Producer Statement system.

#### Ngā momo whiwhinga | Grades available

Achieved

**Ihirangi waitohu** | Indicative content

### Communication

- Digital communication technologies and business communication and online collaboration applications.
- Document management systems and presentation protocols.
- Verbal communication, including active listening and presenting.
- Meeting practices and protocols.
- Detailing output types, purpose and quality to meet industry standard.
- Life cycle of detailing drawings and workflow process and information flow.
- Introduction to Building Information Modelling (BIM)
- RFI process (design change)

### Construction Industry Organisation

- Role and responsibility of the structural detailer and other construction project stakeholders - NZCIC Guidelines.
- Building Consent Authority.
- Procurement and delivery contractual arrangements.
- Contract administration.
- Co-ordination within a project.
- Introduction to project management, stages and terminology.

### Compliance Frameworks and Quality Assurance

- Introduction to the New Zealand Building Regulatory System and Compliance Framework
- Structural detailer responsibilities under the following:
  - The Building Act 2004
  - The Building Code
  - The Building (Earthquake-prone Buildings) Amendment Act 2016
  - Health and Safety at Work Act 2015
- Introduction to NZ Standards.
- Specifications
- Producer statements – types, purpose, regulatory function.
- Health & Safety compliance requirements
- Quality assurance concepts.
- Materials procurement processes and quality assurance requirements.
- In-house checking and approval processes.
- Certification and audit schemes.
- WorkSafe guide to handling precast concrete.
- Professional/industry organisations role and purpose.
- Common detailing office protocols, manual and digital applications.
- Feedback and problem solving in practice.

### Rauemi | Resources

Programme guidance 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 > Construction

<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga   CMR</b>	0048
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<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>	<type here>	[dd mm yyyy]	[dd mm yyyy]
<b>Arotakenga   Review</b>	<type here>	[dd mm yyyy]	[dd mm yyyy]
<b>Kōrero whakakapinga   Replacement information</b>	<type here>		
<b>Rā arotake   Planned review date</b>	[dd mm yyyy]		

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.