

40144 Describe the stakeholders, regulatory systems and communication processes of the construction industry

Kaupae Level	4
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard recognises knowledge of the construction industry stakeholders, regulatory systems and communication processes required to enter a detailing role in New Zealand.</p> <p>This skill standard aligns with the New Zealand Diploma in Detailing (Structural) (Level 5) with strands in Light Steel Frame, Reinforcing Steel, Structural Steel, and Precast Concrete [Ref: 4515], and the New Zealand Diploma in Timber Structure Detailing (Level 5) [Ref: 4377].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Describe the roles and responsibilities of the main stakeholders involved in a detailing project.	a. Describe the main stakeholders' specific functions, contributions, and responsibilities in a detailing project according to construction industry guidelines.
2. Describe the components and purpose of the building regulatory system and compliance frameworks for a detailing project.	a. Describe the specific legislation, codes, contracts and standards of the regulatory system and compliance framework relevant to a detailing project.
3. Explain the use of digital technologies and processes for communication in a detailing project.	a. Explain how digital technologies and communication processes are used to manage detailing project information according to current industry practice.

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

Assessment specifications:

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

Main stakeholder roles and responsibilities described align with the New Zealand Construction Industry Council Guidelines.

Building regulatory system includes legislation, codes, contracts, and standards.

Compliance frameworks include those to ensure safety, quality, and environmental sustainability of buildings.

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

Regulatory system and compliance framework descriptions align with NZCIC Guidelines and include contractual requirements and 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 standards.
- Lifecycle of detailing drawings and workflow process and information flow.
- Introduction to Building Information Modelling (BIM).
- RFI process (design change).

Construction industry organisations

- Role and responsibility of the structural detailer and other construction project stakeholders – NZCIC Guidelines.
- Building Consent Authority.
- Procurement and delivery contractual arrangements.
- Contractual requirements and contract administration.
- Coordination 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:
 - Building Act 2004
 - Building Code
 - Building (Earthquake-prone Buildings) Amendment Act 2016
 - Health and Safety at Work Act 2015
- Introduction to New Zealand 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 guidance for 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

Refer to the Structural Detailing Programme Guidance document available from qualifications@waihangaararau.nz

NZCIC Guidelines 2024 available from <https://nzcic.co.nz/resources/nzcic-guidelines/>.

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 > Core Planning and Construction
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	26 September 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
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.