

Title	Work professionally as an infrastructure asset management practitioner		
Level	6	Credits	6

Purpose	<p>This unit standard is intended for people who work within the infrastructure asset management sector.</p> <p>People credited with this unit standard are able to: contribute as a member of an infrastructure asset management team; develop working relationships with stakeholders; and evaluate own performance in developing and sustaining professional relationships.</p>
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Classification	Infrastructure Civil Engineering > Infrastructure Asset Management
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Available grade	Achieved
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Guidance Information

- 1 The following requirements apply to this unit standard:
International Infrastructure Management Manual (IIMM) guidelines available at <https://www.ipwea.org/>;
ISO 55000 series available at <https://www.iso.org/>;
the ethical codes and standards relevant to a professional body or bodies; and
legislative requirements which may include but are not limited to:
Treaty of Waitangi Act 1975,
Health and Safety at Work Act 2015,
Resource Management Act 1991,
Building Act 2004,
Copyright Act 1994,
Local Government Act 2002,
Public Works Act 1981,
Land Transport Management Act 2003, and subsequent amendments.
- 2 This unit standard is not intended for candidates who are working towards completion of the New Zealand Diploma in Engineering Practice [Ref: 1714] or the New Zealand Diploma in Engineering [Ref: 2612], or who are certified engineering technicians. These candidates may wish to consider Unit 27472, *Demonstrate and apply professional and ethical behaviour as an engineering technician*, and are advised to discuss this with their training organisation.
- 3 Assessment against this unit standard must be based on evidence from the workplace context. Evidence must be in accordance with organisational requirements.

4 Definitions

Infrastructure asset management is the combination of management, financial, economic, engineering and other practices applied to infrastructure assets with the objective of providing the required levels of service in the most cost effective and sustainable manner.

Infrastructure assets typically refer, but are not limited, to asset groups such as roads and bridges, airports, railways, ports, parks and recreation facilities, water supply systems, stormwater systems, wastewater systems, flood and land drainage systems, solid waste management, telecommunications, energy, and infrastructure buildings and facilities.

Colleagues may include but are not limited to: members of the infrastructure asset management team, advisors and consultants, other professionals associated with the infrastructure asset management process, and/or other people working within an organisation who are not directly involved with the infrastructure asset management process.

Organisational requirements refer to strategies, policies, procedures, and requirements of the candidate's organisation.

Stakeholder refers to any group or individual that can affect and/or is affected by achievement of the organisation's objectives.

Outcomes and performance criteria

Outcome 1

Contribute as a member of an infrastructure asset management team.

Performance criteria

1.1 Commitments for membership of an infrastructure asset management team are met.

Range commitments may include but are not limited to – regular attendance at team meetings, completion of delegated tasks, contributions relevant to team tasks; evidence of three commitments is required.

1.2 Interactions with colleagues are carried out collaboratively and cooperatively.

Range interactions may include but are not limited to – awareness of and respect for other disciplines, cultural sensitivity, sharing of information, shared problem solving; evidence of three interactions is required.

Outcome 2

Develop working relationships with stakeholders.

Performance criteria

- 2.1 Stakeholders' aspirations and needs that affect the infrastructure asset management environment are identified and integrated into professional practices.
- 2.2 Interactions with stakeholders are carried out collaboratively and cooperatively.
- Range collaborative and cooperative interactions may include but is not limited to – maintenance of professional standards in all dealings; partnership in community-based tasks; easily understood communication; demonstration of cultural, environmental, and socio-economic sensitivity; ability to negotiate agreements; evidence of three interactions is required.

Outcome 3

Evaluate own performance in developing and sustaining professional relationships.

Performance criteria

- 3.1 Own performance is evaluated in terms of strengths and weaknesses in developing and sustaining professional relationships.
- 3.2 Areas for further development are outlined.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 June 2016	31 December 2022
Revision	2	28 September 2017	31 December 2022
Review	3	22 October 2020	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.