

41358 Identify asset and asset management system continuous improvement initiatives for an improvement plan

Kaupae Level	6
Whiwhinga Credit	20
Whāinga Purpose	This skill standard is for people intending to work in the asset management industry. People with this skill standard will have the skills to identify and collate asset and system continuous improvement initiatives for an improvement plan. This skill standard aligns with the New Zealand Diploma in Infrastructure Asset Management (Level 6) [Ref: 3180].

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Identify asset and asset management system performance issues.	a. Interviews and surveys with key stakeholders and resulting action plans are used to identify weaknesses or gaps in the performance of the asset and the asset management system.
2. Analyse asset and asset management system continuous improvement initiatives to include in an improvement plan.	a. Analysis of trends and patterns over time is completed to find weaknesses or gaps and continuous improvement initiatives are identified.
	b. Continuous improvement initiatives for cost efficiencies, sustainability, risk reduction, and service quality enhancements are identified.
	c. Continuous improvement initiatives for ongoing training for operational delivery and to achieve operational success are identified.
3. Collate continuous improvement initiatives for the improvement plan.	a. Continuous improvement initiatives are collated with suggested action items.
	b. Continuous improvement initiatives are checked for alignment with organisational goals and objectives.
4. Communicate improvement plan to stakeholders.	a. Improvement plan with collated improvement initiatives, cost estimates, and actions is communicated to stakeholders including leadership and management teams.

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

Assessment against this skill standard must acknowledge and respect Te Tiriti o Waitangi – The Treaty of Waitangi, Te Ao Māori mātauranga principles, and cultural variations in communication within this context. This includes differences in reo, dialect, mātauranga, tikanga among different iwi, hapū, rohe.

Evidence provided for assessment against this skill standard must be collected in line with industry standards.

Definitions:

Action plan is based on audit findings, with specific actions to address non-compliance or areas for improvement and addresses both technical and cultural gaps.

Assets refer to stationary systems or networks intended to be maintained indefinitely for defined communities through continuous replacement and refurbishment of their components.

Asset management system refers to a set of interrelated or interacting elements to establish asset management policy, AM objectives and processes to achieve those objectives.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content**Continuous improvement feedback**

- Stakeholder feedback to identify key weaknesses including poor visibility of assets, inadequate maintenance, and non-alignment of asset management with broader organisational goals.

Continuous improvement initiatives

- Trends and patterns technology driven, organisational driven, new challenges, emerging issues.
- Transitioning from reactive, siloed approaches to proactive, data-driven, and lifecycle-oriented strategies.
- Ongoing training for operational delivery, identifying any gaps between current competencies and those required to meet future needs.

Improvement plan

- Action items including improvements to timelines, budget, responsibilities, risk assessment, and monitoring and evaluation metrics.
- Aligning continuous improvements with organisational goals and objectives.
- Collating continuous improvements and actions for sharing with stakeholders.

Rauemi | Resources

- Asset Management Programme Guidance, available from qualifications@energyinfra-skill.nz.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Energy and Infrastructure Industry Skills Board
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Engineering and Technology > Infrastructure Civil Engineering > Infrastructure Asset Management
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	30 July 2026	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2031		

Please contact Energy and Infrastructure Industry Skills Board at qualifications@energyinfra-skill.nz to suggest changes to the content of this skill standard.