

41357

Analyse asset and system performance measures and collate achievement data for a progress report

Kaupae Level	6
Whiwhinga Credit	15
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 analyse asset and system performance measures and collate and present achievement data for a progress report. 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. Analyse asset and system performance measures to collect achievement data.	a. Five different performance measures, both qualitative and quantitative, are selected, analysed and achievement data is produced.
	b. Selected performance measures are analysed to ensure coverage of the asset and the asset management system.
	c. Selected performance measures are analysed to include risk mitigation, and compliance measures that are important to the wellbeing of customers and community.
	d. Selected performance measures are checked for ownership, accountability, and evidence of stakeholder consultation.
	e. Selected performance measures are analysed to identify gaps between the current state of an organisation and its desired or target state.
2. Collate achievement data.	a. Achievement data is collated for a progress report in line with organisational requirements.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
3. Present achievement data.	a. Achievement data is presented in the progress report and explained in terms of identified trends, inaccurate predictions and where performance measures are not met.
	b. Suggested actions to proactively manage the risk, to address inefficiencies and waste, and where investment should increase are identified for the progress report.

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 legislative requirements and 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.

Information is contextual or qualitative material derived from data.

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

Performance measure is a metric used to assess the effectiveness, efficiency, or quality of an asset, process, system, or organisation.

S.M.A.R.T performance measures are specific, measurable, achievable, relevant, and time-bound.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Asset and system performance measures

- Types of performance measures and the importance of monitoring and measuring to achieve results.
- Performance measures to show a balanced scorecard and balance environmental, social, cultural and economic considerations – the four pillars of community wellbeing.
- Ensuring a range of stakeholders take part in setting performance measures.
- Monitoring and tracking of performance over time identifying risks and opportunities.

- The importance of addressing inefficiencies, and gaps, for optimising resource utilisation.

Progress reports

- Progress reports including clear and logical links to objectives, levels of service, performance measures and targets.
- Implementing systematic monitoring and reporting processes to track progress towards achieving outcomes and impacts.

Rauemi | Resources

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

Pārongo Whakaū Kounga | 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.