

POSITION DESCRIPTION

POSITION DETAILS

Position:	Asset Lifecycle Manager
Department:	Asset Management & Assurance
Location:	New Plymouth
Reports to:	General Manager, Asset Management & Assurance
Direct reports:	Up to 5
Date:	June 2026

PURPOSE

The Asset Lifecycle Manager is responsible for leading lifecycle planning, engineering coordination, maintenance optimisation integration, and asset performance improvement activities across Port Taranaki's infrastructure assets.

The role translates strategic asset management direction into practical lifecycle, maintenance, engineering, and operational delivery outcomes that balance reliability, operational performance, risk, resilience, and whole-of-life cost considerations.

Working closely with operational leaders, maintenance delivery teams, marine technical functions, contractors, and engineering stakeholders, the role integrates asset integrity, reliability, engineering, project delivery, and operational requirements to optimise whole-of-life asset value and infrastructure resilience.

OUR VALUES

Our values guide us on how we act with one another and how we make decisions within our business. Demonstration of these values will be key to success in this role:

***Our people come first:** we take care of each other and our communities.*

***Integrity guides us:** we trust each other and act with respect and honesty, even when it is challenging.*

***We embrace the future:** we strive for improvement through innovation and learning.*

***We collaborate to succeed:** we work as a team, helping each other succeed.*

FINANCIAL AUTHORITIES

Discretionary spending	Up to \$100,000 in a single contractual item (within budget)
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KEY RESPONSIBILITIES

Asset Lifecycle & Reliability Leadership

- Lead lifecycle intervention planning, asset renewal planning, and asset performance improvement initiatives across infrastructure assets.

- Integrate asset integrity, reliability, engineering, operational, and maintenance insights into lifecycle planning activities.
- Lead operational budgeting, lifecycle investment planning, maintenance expenditure optimisation, and infrastructure renewal prioritisation activities.
- Lead the development of long-term maintenance, renewal, operational resilience, and lifecycle investment strategies aligned to operational and financial objectives.
- Oversee risk-based lifecycle intervention planning informed by asset condition, integrity assessments, operational criticality, and whole-of-life performance considerations.
- Monitor infrastructure performance, lifecycle risks, operational impacts, and lifecycle cost drivers to support informed operational and investment decision-making.
- Drive continuous improvement in lifecycle planning, asset reliability, and infrastructure performance outcomes.

Engineering & Technical Coordination

- Coordinate engineering, technical assurance, inspection, and asset management activities across infrastructure assets.
- Ensure engineering standards, technical specifications, and asset assurance expectations are consistently applied.
- Support technical investigations, operational problem-solving, and engineering risk assessments.
- Coordinate integration of technical engineering support into maintenance, renewal, and project activities.
- Coordinate engineering governance, configuration management, technical assurance, and engineering change management processes.
- Coordinate infrastructure inspection, condition assessment, and asset integrity monitoring activities across critical infrastructure assets.
- Ensure inspection findings, condition data, and technical assurance outputs are integrated into lifecycle planning, maintenance prioritisation, and renewal decision-making.

Maintenance Strategy & Work Integration

- Lead integration of lifecycle planning with maintenance optimisation, work-pack planning, shutdown coordination, and operational delivery activities.
- Work closely with the Works Planning and Optimisation Lead, Maintenance Works Delivery Manager and contractors to align maintenance planning, execution strategies, operational priorities, and service delivery expectations.
- Lead maintenance budgeting, contractor cost management, and optimisation of maintenance expenditure across infrastructure activities.
- Support prioritisation of maintenance interventions based on asset criticality, operational impact, and lifecycle considerations.
- Ensure maintenance strategies and intervention plans align with operational requirements and asset management objectives.
- Promote effective coordination between engineering, maintenance, projects, and operational stakeholders.

Projects & Asset Improvement

- Oversee coordination of infrastructure renewal, improvement, and asset-related project activities.
- Support prioritisation and integration of capital and renewal programmes, including lifecycle cost considerations, operational impacts, and investment planning requirements.

- Ensure project activities and project and maintenance handovers appropriately consider operational integration, maintainability, lifecycle performance, operational readiness, technical documentation, and asset information quality requirements.
- Support project governance, handover, commissioning, and close-out quality requirements.
- Promote strong project integration and operational readiness outcomes.

Asset Information & Assurance

- Support asset information quality, maintenance reporting standards, work-order close-out discipline, and asset assurance activities.
- Lead asset information governance practices relating to configuration management, drawing control, technical documentation, as-built standards, and engineering data integrity.
- Support development of asset performance reporting, lifecycle analysis, and maintenance effectiveness measures.
- Contribute to asset management maturity and continuous improvement initiatives across systems and processes.
- Ensure infrastructure modifications, maintenance interventions, and project activities maintain accurate asset records, controlled documentation, and configuration integrity.
- Support governance of technical document control, engineering change processes, and infrastructure information management standards.

Health, Safety and Environment

- Ensure lifecycle planning, engineering, and maintenance coordination activities appropriately consider health, safety, environmental, and operational risk requirements.
- Support safe planning and operational risk management practices across maintenance, engineering, and project activities.
- Participate in HSE initiatives, audits, investigations, and continuous improvement activities.
- Promote a positive safety culture and strong operational risk awareness.

Leadership

- Lead and influence a collaborative, high-performing asset lifecycle, reliability, and technical coordination function.
- Foster strong working relationships across operational, engineering, maintenance, marine, project, and assurance functions.
- Provide leadership, coaching, and technical coordination support across lifecycle planning, reliability, engineering, and operational integration activities.
- Promote continuous improvement, practical problem-solving, and integrated decision-making.

Additional duties

- Undertake other duties as reasonably required from time to time by the GM Asset Management & Assurance.
- Maintain and further own professional capability through continuous learning and development.

KEY RELATIONSHIPS

Internal

- GM Asset Management & Assurance
- Asset Management & Assurance team
- HSE Manager and HSE team
- Maintenance Works Delivery Manager
- Marine Fleet Technical Manager

External

- Contractors and specialist service providers
- Engineering consultants and technical specialists
- Statutory inspection bodies

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| <ul style="list-style-type: none"> • Operations leaders and supervisors • Senior Financial Planner & Analyst • Emergency and Security Compliance Lead • Business Support Hub / system support roles | <ul style="list-style-type: none"> • Port customers, tenants, users and PCBUs • Equipment suppliers and original equipment manufacturers • Maintenance and asset management service providers |
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EXPERIENCE, QUALIFICATIONS AND SKILLS

Essential

- Tertiary qualification in Engineering, Asset Management, Infrastructure, Maintenance, Project Management, or related discipline.
- Minimum 10–15 years' experience within industrial, infrastructure, utilities, port, engineering, maintenance, or operational environments.
- Minimum 5 years' experience leading or coordinating asset lifecycle planning, maintenance optimisation, infrastructure renewal, engineering integration, or operational improvement programmes.
- Demonstrated experience leading or influencing multidisciplinary engineering, maintenance, operational, contractor, and project delivery teams.
- Demonstrated commercial and business acumen, including budgeting, capital planning, lifecycle investment prioritisation, contracts management, procurement, and operational cost management.
- Strong understanding of asset lifecycle management, maintenance planning, reliability principles, asset integrity, contractor management, and operational risk management.
- Experience managing operational, engineering, maintenance, or specialist service contracts, including contractor performance and service delivery outcomes.
- Experience using Computerised Maintenance Management Systems (CMMS), project coordination systems, and operational reporting tools.
- Strong analytical, problem-solving, stakeholder management, and decision-making capability.
- Excellent communication and relationship management skills, including the ability to translate technical and operational issues into practical business outcomes.
- Strong focus on operational practicality, safety, resilience, reliability, and continuous improvement.

Desirable

- Postgraduate qualification in Asset Management, Engineering Management, Infrastructure Management, or Business Management.
- Experience within ports, marine operations, heavy industry, or other complex 24/7 operational environments.
- Experience leading reliability-centred maintenance (RCM), asset management maturity, or operational transformation initiatives.
- Experience operating within outsourced or mixed delivery maintenance models.
- Experience contributing to enterprise capital planning, business cases, or Board-level investment processes.
- Knowledge of ISO 55000 asset management principles, engineering assurance, or infrastructure governance frameworks.
- Experience supporting long-term supplier relationships, strategic procurement activities, or alliance-style delivery models.
- Experience using IBM Maximo, PMO365, Microsoft Project, or equivalent enterprise systems.
- Experience supporting resilience, contingency planning, configuration management, or controlled drawing environments.
- Experience leading cross-functional continuous improvement or organisational capability initiatives.
- Formal training or certification in reliability, maintenance optimisation, project delivery, or asset management methodologies.
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