

ASSET STRATEGY ENGINEER

POSITION DESCRIPTION

PURPOSE

The purpose of this role is to support the Engineering Manager to plan, develop and implement asset management strategies to achieve asset management efficiency across the network through the development of network polices, high quality asset management plan, asset systems, practices and network standards for a safer, efficient and reliable distribution network.

REPORTS TO ENGINEERING MANAGER

OUTLINE OF KEY TASKS & RESPONSIBILITIES

- Develop and lead the asset strategy plans, policies and practices.
- Provide asset management support across the wider network and operations team.
- Develop and maintain the asset management frameworks for the electricity business.
- Develop and implement the network asset management plan (AMP) consistent with ISO 55000 asset management standard and PAS55.
- Develop and implement fleet asset management strategies, policies, standards and practices for all asset fleets and asset classes with due consideration of costs and lifecycle management, summarising this into a fleet asset management plan.
- Develop and apply condition-based risk management processes and policies.
- Design and implement reliability improvement projects.
- Adopt an appropriate risk management strategy for network assets and integrate risk management into the asset management processes and plans.
- Produce network related regulatory documents with high quality of data.
- Implement specific asset management improvement projects as assigned.
- Maintain and develop good quality asset information to support business requirements, including asset audits for relevant asset classes and verification of asset data.
- Contribute to asset performance improvements using new technologies.
- Communicate asset management expectations and obligations to other internal stakeholders.
- Develop Waipa's asset criticality and asset health indicator frameworks.
- Develop network standards on maintenance of assets and contribute to the development of maintenance management processes and systems.
- Produce network performance and reliability reports. Analyse and routinely report on planned and unplanned outage SAIDI, SAIFI and CAIDI statistics.
- Follow Waipa Networks' Safety in Design process to ensure designs are prepared that are consistently safe to build, operate, maintain and decommission, that document design decisions and ensures continuous improvement in safety.
- Assess engineering quality and legislative compliance of all works performed.



- Contribute technical information to network, engineering and design standards drawing on regular reviews of EEA guidelines and good industry practices.
- Create and maintain relevant asset records which will enable the company to value and manage the network assets.
- Track industry trends and best practices and standards, share ideas with the engineering team and help the organisation apply innovation in the performance of projects.
- Plan, manage time and work at proficient level, meet deadlines and set priorities accordingly.

KEY RELATIONSHIPS

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| Internal | <ul style="list-style-type: none">• Customer Connection Designer• Projects Planning Manager• Construction and Maintenance Supervisor• Purchasing and Stores Supervisor• Network Asset Manager• Operations Manager• Network and Works Planners• Scheduler• Engineers• Health, Safety, Environment and Quality Manager |
| External | <ul style="list-style-type: none">• New and Connected Customers• Landowners, Contractors and Consultants• District and Regional Councils• NZ Transport Authority• Electricity Authority• Commerce Commission• Electricity Engineers Association• Distribution companies |

KEY BEHAVIOURS AND REQUIREMENTS

The key ways we measure your personal contribution are:

Role modelling

- Be a personal role model for Health, Safety and wellbeing practices for the business
- Ensure the health, safety and welfare of everyone involved in and affected by your work
- Actively live and demonstrate Waipa Networks values, both within and when representing the business
- Always perform to Waipa Networks standards in relation to customer, team, and performance



- Know, follow and make recommendations for improvement to standard operating procedures and ways of working

Team

- Advocate for and support a committed and high performing team culture
- Actively support your colleagues to do a great job every day
- Help everyone do well by providing feedback and being open to the feedback of others

Risk and Continuous Improvement

- Participate in the Waipa Networks continuous improvement process, helping the business perform better every day
- Follow any work procedures or processes to ensure safe, professional work results
- Identify and mitigate risks in and to your work, make others aware and help ensure all business, personal and professional risk is minimised
- If anything changes in your work environment, let your work colleagues and manager know so that everyone can make appropriate changes
- Ensure any external providers or suppliers you are working with follow the rules and are receive appropriate instruction on the work they are doing for us.
- Help out with new team member or contractor orientations

Reporting & Administration

- Meet all of your job reporting requirements including time allocation, database maintenance and other paper-based or computerised record management requirements
- Follow business guidelines and procedures

KEY PERFORMANCE INDICATORS

The key ways in which we measure the effectiveness of your role are:

- Implementation of ISO55000 and PAS55
- Production of high-quality asset management plan and strategies
- Development of new standards and policies
- Improvements in network performance
- Safety, reliability and maintenance of the network is enhanced significantly.

PERSON SPECIFICATION

Professional Skills & Experience

- Experience in asset maintenance and asset strategy policies.
- Experience in network performance and reliability plans.
- Experience in network standards and regulatory disclosures.
- Experience in writing advanced asset management plan.
- Demonstrated experience in the use and development of asset management systems.
- Understanding of ISO 55000 and PAS55.



- Minimum of five years relevant experience in distribution, transmission, contracting or consulting environment.
- Ability to understand and interpret asset management plan and databases to extract relevant asset information and develop improved processes and systems.
- Good computer skills in relation to data presentation using Microsoft Applications or other applicable software.
- Adept at PAS55 and ISO 55000.
- Ability to maintain, update and report databases/spreadsheets.
- Can carry out asset inspections where necessary and complete associated documentations.
- Be able to challenge existing practices and programs in order to improve asset management delivery.

Personal Attributes

- Excellent team, interpersonal and communication skills
- Innovative and open to new ideas; demonstrates a positive response to feedback
- Flexible and resilient
- Always displays a positive, no excuses attitude
- Takes responsibility and perseveres until goals and results are achieved and enjoys success
- Is confident of own capabilities and is prepared to back themselves
- Is committed to high standards of performance
- Enjoys continual improvement and learning, high level of self-awareness and curiosity
- Is stable and able to commit to longer-term employment
- Knows their limitations and seeks support early
- Is a self-starter and shows initiative and determination at all times
- Maintains high standards of personal appearance and business presentation
- Shows pride in being a part of the business

Qualifications

- Tertiary qualification in Electrical Engineering or similar.

OUR NO COMPROMISE APPROACH TO HEALTH & SAFETY

- Anyone working for us must be conscious of potential safety problems at all times and act in a way that safeguards their own safety and that of those around them
- A Health and Safety Policy is in place within the business and we have a 'no compromise' approach to following this and any related policy and procedure. Instructions regarding safety given by the organisation or any Health and Safety representative must be followed at all times.



NON-LIMITATION CLAUSE

This job description is not intended to be a complete or limiting description of the functions that you may reasonably be requested to undertake both within and outside of the normal hours of work.

ACKNOWLEDGEMENT

I have read and understand the above position description.

Name _____

Signature _____

Date _____