

Technical Engineer

Position description

REPORTS TO: Engineering Manager

LOCATION: Christchurch

FUNCTIONAL RELATIONSHIPS

Internal

- Orion infrastructure managers
- Orion infrastructure teams
- QHSE team
- IS team
- All Orion employees

External

- Customers and the general public
- Contractors
- Suppliers

OVERALL OBJECTIVE

- Strong focus on driving excellence in Health and Safety in Design
- Development and maintenance of key documents and processes that underpin the Infrastructure build, operation and maintenance of the network
- Investigations into and reporting of asset functional failure and providing recommendations for solutions and improvements
- Investigate the application of new equipment and technology solutions to determine effective and safe integration into the business
- Provide general engineering support to the business.

PRINCIPAL ACCOUNTABILITIES

Health and Safety in Design

- Maintenance and administration of Orion's Safety in Design standard and processes
- Provide Safety in Design guidance and support to other areas of the business
- Coordinate and lead the review of standards and specifications with a view of Safety in Design
- Review engineering designs and vendor drawings and documentation from a Safety in Design perspective
- Lead Safety in Design reviews of new equipment
- Lead Safety in Design reviews of operational procedures.

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Documents and Processes

- Development and maintenance of design standards, technical specifications and equipment specifications
- Contribute to the review of Orion's Asset Management Plan and Reports.

Investigations and reporting

- Support the Engineering Manager to maximise availability and minimise risk to the network and public by ensuring optimal operational performance and safety of Orion's Network
- Lead the investigations and reporting of asset functional failure and provide timely recommendations for solutions and improvements
- Lead the investigations and reporting of Network outages and provide recommendations for solutions and improvements
- Contribute to technical discussions involving how Orion builds, operates and maintains the network
- Analyse technical data and act on this information to minimise the risk to safety or of loss of supply.

Team

- Actively participate and communicate effectively with the Infrastructure team and other participants to provide timely and effective assistance and technical support
- Be committed to living and displaying the Orion values of connect, create and collaborate and role model the supporting behaviours.

General

- Establish and maintain quality documentation
- Provide technical support and direction in the absence of other staff
- Carry out load flow and other calculations using software tools
- Assist in the evaluation of products and options for improved security, performance, and safety of the network
- Carry out specific tasks as directed by the Engineering Manager.

Health and safety

Set an example for health and safety leadership by considering personal health and safety, the health and safety of colleagues, public safety, environmental and business risks before acting:

- Show a commitment to and comply with Orion's health and safety policies, systems and procedures
- Take all practicable steps to ensure own safety and no cause of harm to others by action or inaction
- Follow all required safety procedures and utilise applicable personal protective equipment
- Identify and report hazards and apply appropriate hazard control measures

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- Report all work related accidents, incidents, near misses and illnesses
- Report faulty facilities, plant and equipment immediately.

DELEGATED AUTHORITY

Financial: \$ 10,000 operating expenditure

\$ 20,000 capital expenditure

Other: Nil (approval of invoices in accordance with approved contracts)

People: Nil

PERSON SPECIFICATION

Qualifications and experience

- BE, NZCE, NZDE, NZQA level 6 or equivalent engineering qualification
- Experience in electricity power systems with a wide range of technical knowledge across a number of asset classes
- Demonstrated experience in project management
- Experience with the equipment used for distribution design is desirable.

Knowledge, skills and abilities

- Proven research and analytical ability
- Strong organisational and standards development skills
- Strong negotiation and influencing skills
- Excellent communication skills, both written and oral
- Proven ability to work with multiple discipline projects
- Proven ability to identify customer needs and work to get optimal solutions
- Demonstrated ability to introduce new methods and technology to improve the network performance and efficiency
- Able to quickly solve challenging problems and understand new concepts
- Good understanding of site construction practices
- Extensive knowledge in the application of Standards, Acts and Regulations
- Understanding of NZ Electricity rules, regulations, best practices and performance standards.

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Personal attributes

- A strong customer focus
- Enthusiastic with a willingness to share knowledge with others
- Builds strong, effective relationships with a variety of stakeholders
- Agile and adaptable
- Proactive with a strong focus on successful outcomes
- Good attention to detail, coupled with a big picture focus
- Desire to seek continual improvement
- An innovative approach and thinking
- Works effectively as part of a team
- Proven ability to effectively influence others
- Works collaboratively with others, recognising skills and strengths, to achieve goals.

Date:_____

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