

Position Information

Position Title	Reliability Engineer
Business Unit	Packaging Northern
Reports to	Engineering Manager
Purpose of Position	To improve reliability of equipment and processes with a primary goal to eliminate unscheduled downtime. To eliminate production limiting failures from our processes and ultimately extend the working life of our assets via an enhancement of traditional maintenance engineering with a portion of process engineering to eliminate equipment and process failures. To be the 2nd in charge of the Engineering Team and step into lead the team during Engineering Managers absence.
Business Unit of HR responsibility	Packaging NZ
# of People in BU	130 Approximately

Number of Direct Reports	Nil
Number of Indirect Reports	Nil
Operating Budget	R&M Budget
Sales Revenue	N/A

Preferred Attributes

- Analytical thinking and problem-solving skills
- Motivated self-starter with excellent project management skills
- Excellent communication and presentation skills
- Ability to make decisions under pressure and work on own initiative
- Enjoys a challenge and working to targets
- Diagnosing issues and implementing solutions
- Delivery of increased machine reliability working with Engineering and Operational staff
- Liaise closely with the Engineering Manager, Fitters & Electricians and Maintenance Planner to resource preventative maintenance projects
- Great sense of urgency
- Punctual
- Attention to detail/ pride in work performed
- Familiar and/ or trained in Lean manufacturing principles
- Excellent computer skills
- Ability to estimate repair timelines and associated costs
- Prepared to be flexible with work hours with the possibility of emergency call outs on occasion

Technical Requirements

Qualifications	- o Advanced Trade Certificate (minimum) - o NZCE or relevant Degree in Mechanical Engineering (or Electrical) - o Formal training in Lean Principles (Ideal)
Experience	- o Proven successful track record of managing and improving machinery reliability in a modern high speed manufacturing environment - o CMMS systems experience (Computer Maintenance Management Systems) - o Proven track record in resolving mechanical and electrical engineering problems - o TPM Exposure - o Experience in pneumatics, hydraulic systems with a working knowledge of engineering methods - o Project management - o Corrugated industry experience (desirable)

Key Accountabilities

KEY TASKS	% OF TOTAL JOB	MEANS
Plant Reliability	40%	Provide expertise in all predictive and preventative engineering activities. Leading the sites total productive maintenance program with the goal of improving overall machine performance • Review results of predictive and preventative maintenance activities and take appropriate action • Ensure the correct execution of preventative and predictive maintenance schedules. • Use a root cause analysis approach and other collaborative problem solving techniques to resolve all major breakdowns and roadblocks to productivity • Adopt and teach "Reliability" techniques to maintenance and production staff as appropriate • Assist with the development and coaching of maintenance staff • Explore and remedy operator issues • Provide tools to improve production constraints • Improve communication between engineering and machine operators
Improvements to existing equipment & processes	30%	Design and implement improvements to existing equipment & processes to improve efficiencies, safety, productivity and quality. Improve machine uptime and performance via programmed predictive and preventative maintenance operations. • Application of specialist technical expertise / experience in developing maintenance processes • Study successful solutions implemented in other plants / Industries • Develop and implement specific plan to address problematic

		equipment and processes • Identify and provide expert advice on dealing with barriers to improving productivity • Taking a key role in maximising the utilisation of MEX (CMMS) • Audit quality and effectiveness of preventative and breakdown maintenance - implement remedial action as required • Review of all PM tasks for accuracy and effectiveness • Creation of new PM tasks to deal with issues as they are identified • Managing of upgrade projects as they arise
Communication and Relationships	15%	Ensure effective communication between all staff, suppliers and contractors meeting and exceeding the site requirements on an on-going basis. • Clear communication • Participate in and arrange meetings with various stake holders when required • Technical advice and support supplied when required
Health and Safety And Quality	15%	No safety issues • Ensure all work is carried out by both our staff and contractors in a safe and acceptable manner • Ensure all procedures and permits are followed at all times • Assist with improved machinery guarding and safety in general • Assist with site Hazard Management • Ensure good housekeeping procedures • Site Certifications

Key Performance Indicators

- Machine OEE maintained and increased
- R&M Spend/ budget maintained

Competencies

Identification of critical spares	Effective communication and relationship building with all levels of staff across site
Educating staff to take a proactive approach in preventative maintenance	Deliver increased machine reliability by working with operational staff in a cross functional capacity.
Diagnosing mechanical / electrical problems and implementing solutions.	Liaise closely with the Facility Manager, Maintenance Planner and Maintenance team to resource preventative maintenance projects.
Equipment installation / Project management	Deliver and implement plans to address problematic equipment
Safety system integration with machine controls	Identify training gaps within Engineering and production areas and administer training where appropriate
Detailed understanding and implementation of best practice Health and Safety responsibilities.	Competent with all Microsoft products as well as Cad drawing software

Authority

Decisions:

- All R&M cost lines
- Capital installation plans and costs
- Maintenance priorities for Packaging Northern

Recommendations:

- Reliability issues/ opportunities
- Identification and procurement of appropriate critical spares across the site.
- Future Capital Expenditure

Major Challenges:

Internal Relationships

Most Frequent Contacts	Nature or Purpose of Contact
Engineering Manager	Day to day running of plant/ projects. Backup to Engineering manager during periods of absence
Maintenance Planner	Task assignment/scheduling follow up and preventative maintenance actions
Electrical and Mechanical staff	Task assignment/ Projects/ RCA discussions
Suppliers and external contractors	To secure critical spares and consumables.
Shift Managers	Maintenance solutions and problem solving
Machine Operators	Maintenance solutions and problem solving
Safety & Quality Professionals	Compliance activities