Mechanical Reliability Engineer

Overview

The Kingsport Mill is seeking a Mechanical Reliability Engineer, with experience in paper machine equipment. A strong candidate with experience in similar industries would be considered.

A successful reliability engineer will be able to interact with all areas/parts of the organization. Reliability engineer’s responsibility is to maintain and improve the reliability of our manufacturing operations. They are to eliminate production limiting failures from our process and increase the life of our assets. A reliability engineer focuses on overall process reliability of which equipment reliability is a major component. They must work hand-in-hand with maintenance and operations while being able to communicate effectively with supplier’s sales engineers and technology support. Daily they will partner with operating and maintenance leaders to support the MWS process in the area. In crisis situations they must be able to provide good technical direction and pull together a corrective action plan quickly. Ensure the reliability of our manufacturing operations by working to:

- Guide efforts to maintain and/or improve reliability of plant equipment and processes.
- Improve maintenance work efficiency by implementing Precision Maintenance Techniques.

Reliability Engineer will report to the Maintenance Reliability Superintendent with a strong working relationship with the Maintenance Manager and Business Unit Manager.

The Reliability Engineer will have three principle responsibilities:

1. Develop and refine an area’s Preventative, Predictive and Condition Base reliability programs in a systematic, professional manner.
2. Develop solutions to chronic repetitive failures by analyzing data.
3. Develop a quality equipment rebuild facility and rebuild processes.

Key Accountabilities:

- Equipment Reliability Strategy
- Criticalities Assessment Owner. Lead Development effort and keep criticalities current.
- Owns maintenance strategy. Reliability Engineers are responsible for defining, developing, administering, and refining the equipment asset care programs.
- Predictive Maintenance: Develop condition monitoring routes, ensure communication between core team and technician.
- Preventative Maintenance: Develop PM mechanics for each area; develop routes and manage the program and communication with the core teams.
- Lubrication program: proper equipment lubrication, manage routine sampling, and appropriate oil cleanliness targets are maintained, storage and distribution of lubricants.
- Support Maintenance teams: Help resolve technical issues or repair procedures as required; precision maintenance direction; MWS Team participation, Failure Elimination RCFA Facilitation; champion use of RCFA (does not lead all RCFA, but ensures engagement of workforce, proper root causes identified, and action items are completed).
- Coordinate priorities with operations
- MWS Work participation; ensure proper preventative maintenance shutdown work is completed; annual outage work
- Capital and Repair Projects
- Elevator and Crane repairs including 5 year plan development
Desired Skills and Experience

- BS Degree in Mechanical Engineering
- 5+ years experience at manufacturing facility
- Strong technical and maintenance background
- Ability to manage and lead multiple projects
- Proficient with Microsoft and SAP PM Applications
- Strong verbal and written communication skills
- Must have good interpersonal skills with the ability to interact at all levels
- Demonstrate skills in reliability systems
- Strong leadership skills
- Strong presentation skills

Key Competencies:

- Detail Oriented
- Command Skills
- Mechanical Aptitude
- Managerial Courage
- Organizational Skills

Domtar is an equal opportunity employer. We are also committed to ensure reasonable accommodation for individuals protected by Section 503 of the Rehabilitation Act of 1973, the Vietnam Veterans’ Readjustment Act of 1974, and Title I of the Americans with Disabilities Act of 1990.