

<b>Job title</b>	<i>Process Engineer</i>
<b>Reports to</b>	<i>Technical Manager</i>
<b>FLSA</b>	<i>Salary exempt</i>

### **Job purpose**

The OSB Process Engineer is central to the technical and process control expertise of the OSB Operation. The scope of this position is to drive continuous improvement results through, data based and priority setting, decision making. This position will also improve mill reliability by strategically aligning the mills daily activities to best practice standards, and measure results. The Process Engineer will have a strong interaction with both the equipment, as well as the maintenance and operation personnel. This is a 'hands-on' shop floor focused approach to engineering, incorporating aspects of mechanical engineering, reliability engineer, quality engineering and process engineering.

### **Duties and Responsibilities**

This position is intended to spend the majority of their time improving how equipment works, reducing waste and scrap, improving throughput, reducing cycle times and reducing human errors to a minimum. These responsibilities include but are not limited to:

- Responsible for all aspects of process optimization to reduce variability and increase production while reducing costs.
- Identify areas for process optimization improvement within the operation and implement the delivery of margin improvement (cost savings) results.
- Measure, analyze and reduce process variability and increase throughput in the following areas:
  - - Stranders – flake quality and fines minimization
  - - Dryers – furnace optimization, dryer operation, and moisture control
  - -Press – board quality, raw material usage, and press cycle time optimization
  - -Finishing – cycle optimization and defect minimization
- Create and submit project AR's and manage said projects from conception, through design, to installation, commissioning and handover, on time and within budget.
- Train, teach and coach operators and other personnel with any current or future process aspects which may impact quality, cost or performance.
- Implement and provide training in analytical problem solving techniques.
- Other duties and responsibilities as assigned.

### **Qualifications**

Minimum qualifications required to successfully perform this role. These are the qualifications that are necessary for someone to be considered for the position. A reasonable accommodation may be allowed for some aspects of the role as determined by Human Resources.

Minimum qualifications include:

- University degree (B. Eng.) in a relevant discipline (Chemical/ Process/ Manufacturing/ Industrial/ Electrical/ Mechanical)
- Training and experience in relevant continuous process optimization techniques
- Ability to organize, plan and establish a routine of activities to ensure principle accountabilities are met

- Experience of delivering successful continuous process improvements
- Experience using data-based analytical troubleshooting techniques
- Proactive, questioning, 'get-it-done' attitude
- Basic engineering understanding of maintenance activities.
- Demonstrate ability to co-operate with leadership team, and operational and maintenance staff.
- Be committed and show high level of professionalism at all times
- Communication skills
- Excellent Project Management skills
- 3 – 5 years manufacturing experience (OSB or Pulp and Paper industry preferred)
- Strong mechanical and electrical knowledge and aptitude
- Strong written and verbal communication skills
- Advanced computer skills including MS Office software

Specialized knowledge or skills needed:

- **Functional / Technical Skills:** Has the functional and technical knowledge and skills to do the job at a high level of accomplishment.
- **Decision Quality:** Makes good decisions (without considering how much time it takes) based upon a mixture of analysis, wisdom, experience, and judgment; most of his/her solutions and suggestions turn out to be correct and accurate when judged over time; sought out by others for advice and solutions.
- **Process Management:** Good at figuring out the processes necessary to get things done; knows how to organize people and activities; understands how to separate and combine tasks into efficient work flow; knows what to measure and how to measure it; can see opportunities for synergy and integration where others can't; can simplify complex processes; gets more out of fewer resources.
- **Drive for Results:** Can be counted on to exceed goals successfully; is constantly and consistently one of the top performers; very bottom-line oriented; steadfastly pushes self and others for results.
- **Interpersonal Savvy:** Relates well to all kinds of people - up, down, and sideways, inside and outside the organization; builds appropriate rapport; builds constructive and effective relationships; uses diplomacy and tact; can defuse even high-tension situations comfortably. Listening to operators is a key skill that is needed.

### Working conditions

The incumbent will divide their time between an office setting and operational setting which may include, hot, cold, wet and humid conditions. The incumbent may be periodically required to work extended or varied hours in order to accomplish tasks. Exposure to noise, dirt, grease, water and sawdust is common.

### Physical requirements

This position requires a high degree of physical mobility to include repetitious climbing of stairs, navigating catwalks, working at heights up to 130 feet above the ground, crawling, bending, stooping and reaching on a daily basis. Periodic lifting up to 30 lbs. is essential.