



Job Description

Position: Refinery Operator

Reports To: Shift Supervisor / Operations Manager

Location: North Charleston, SC

Position Overview

The Refinery Operator is responsible for operating and monitoring equipment used in the refining of pine-derived chemical products at Mainstream Pine Products. This role ensures that production processes are carried out safely, efficiently, and in compliance with quality standards. The Refinery Operator performs equipment checks, records process data, and supports troubleshooting efforts to maintain steady operations. This position plays a vital role in delivering consistent production output while upholding MPP's commitment to safety, sustainability, and product quality.

Key Responsibilities

- Operate refining equipment, including distillation columns, reactors, heat exchangers, pumps, and related systems.
- Monitor process conditions and control instrumentation to maintain production within specified parameters.
- Perform routine equipment inspections and report any deviations, malfunctions, or safety concerns.
- Collect, record, and communicate operating data and production logs.
- Assist in startup, shutdown, and changeover procedures for refinery equipment.
- Work closely with maintenance and engineering teams to support troubleshooting and repairs.
- Follow all established standard operating procedures (SOPs), safety rules, and environmental regulations.
- Participate in emergency response, safety drills, and compliance activities as required.
- Contribute to continuous improvement initiatives for plant efficiency and product quality.

Qualifications & Skills

- High school diploma or GED required; technical certificate or associate's degree in process technology preferred.
- Previous experience in chemical refining, process operations, or industrial plant operations strongly preferred.

- Ability to read and interpret gauges, meters, and process control systems (DCS/PLC).
- Mechanical aptitude and familiarity with industrial equipment operation.
- Strong commitment to safety and environmental standards.
- Ability to follow detailed instructions and work effectively as part of a team.
- Good communication skills for coordination with supervisors and other departments.

Physical Requirements & Work Environment

- Work performed in an industrial plant environment.
- Must be able to stand, walk, climb ladders, and access elevated areas.
- Ability to lift up to 50 lbs. on occasion.
- Must be able to wear required PPE and safely work around chemicals and equipment.
- Exposure to noise, heat, and chemical odors common in refining operations.
- Shift work required, including nights, weekends, and holidays.

Employment Type & Schedule

- Full-time position.
- Shift-based schedule with overtime as required.
- May be covered under a collective bargaining agreement if designated as a union position.

Equal Employment Opportunity

Mainstream Pine Products is an Equal Opportunity Employer. We do not discriminate in employment opportunities or practices on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, veteran status, or any other characteristic protected by law. All employment decisions are based on qualifications, merit, and business needs.