

## Twin Rivers Technologies, Quincy, MA

**Summary** – A Refinery Technician mans a computerized control system on one or more of the refinery systems (Hydrolyzer, Fractionator, O/S, Stills, Evaporation Trains, Glycerin Refinery and other ancillary systems) to safely produce quality fatty acids per customer specifications.

### Duties and Responsibilities –

- Start up the process turning valves, moving handles, working overhead, observing display screens and making other various moves to bring product into proper specification.
- Use computerized control systems and manual valves to control process and production.
- Draw product samples and conduct laboratory tests for various chemical properties such as Iodine Value, Color, pH and others. Run test on Gas Chromatographs.
- Enter laboratory test results and document observations on Quality Window.
- Perform an emergency equipment shutdown and know when it is necessary.
- Perform regular routine safety inspections that are assigned mitigating hazards or reporting identified hazards to management.
- Know the hazards of the system and the safety actions required to insure injury free operation.
- Have an understanding of the chemical process taking place in the particular unit operation being controlled.
- Know the complete piping and instrumentation diagram for the operation and be able to draw the process.
- Perform cleanup of assigned area using shovels, mix T's and other tools.
- Enter production data and end of shift information (usage and production) into SAP.
- Perform visual/physical on site machinery and/or equipment inspection twice a shift.
- Report and notify any defects system/machineries to maintenance department /shift leader as soon as possible. Enter work orders into the electronic maintenance tracking system.
- Conduct shift turnover with the relief operator in the control room.
- Participate in maintenance activities during shutdown and repairs, joining the Maintenance team to perform inspection, installation and repairs as needed.
- Support and participate in Maintenance and Engineering teams problems.
- Perform Lockout Tag Out and Isolation of systems as required.
- Support and assist in the training and education of other employees as requested.
- Support the Company principles of Safety, Compliance, Quality, Cost and KPI's.
- Perform other duties as requested or required.

**Communications** –Effective, timely and respectful communication and interactions with other employees, supervisors, individuals from Regulatory Agencies is essential.

**Work Hours** – This is a full-time position – **The current opening is on the night shift.**

- 6:00 p.m. – 6:00 a.m. or 6:00 a.m. – 6:00 p.m. work hour schedule. This is a 7-day continuous schedule.
- Training to take place on the day shift for up to 4 months/ 40 hours a week schedule
- Current hours and days of work may change based on the business need.
- Overtime hours will be necessary to cover for holidays, vacations, sick time, etc.

### Qualifications and Requirements –

#### Essential:

- High school diploma or general education degree (GED).
- Ability to be reached by phone or beeper during off shift hours in case of scheduling or emergency need.
- Demonstrated exceptional oral and written communication skills.
- Demonstrated Basic computer knowledge– Office.
- Must be able to work variable hours and OT as necessary. Dependable and able to work independently.

**Preferred:**

- SAP experience a plus.
- OSHA Trained and certified.
- Read P&ID's and schematics.
- Minimum of 2 years related experience preferred.
- Familiar with basic hand tools and power tools.
- Prior manufacturing and/or refineries experience a plus.
- Able to obtain TWIC certification. (Biometric identification card to gain access to Port Facilities.)

**Physical Demands & Requirements -**

- Tasks are regularly performed with exposure to all weather conditions.
- Push, pull, lift and/or move up to 50 pounds.
- Require the usage of personal protective equipment (PPE) and may take place in confined spaces.
- Duties involve frequent walking, standing, lifting, pushing, pulling and carrying objects up to 50lbs.
- Must be able to climb ladders to access mission critical operating equipment and obtain product samples. Some towers are over 100 feet tall.
- Must be able to clearly view and inspect mixers/pumps located 12-14ft below an elevated tank platform.

**Work Environment-**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions. Tasks may take place in both extreme cold and extreme hot work environments. Periodic potential exposures to hazardous chemicals/conditions exist in this position and training is mandatory. The work schedule may periodically rotate and may include duties on holidays and weekends. TRT Refinery Technician serves in an on-call 24 hour capacity and must be available to respond to refinery operational issues across a multi-shift organization. Uniforms are provided and as well as footwear allowance.

***To Apply:***

Forward a resume to [Kim.sullivan@trtlp.com](mailto:Kim.sullivan@trtlp.com).