

1.0 DUTIES AND RESPONSIBILITIES

This position reports to the Operations Director with plenty of autonomy and responsibility for a production area within the chemical plant. This role will include technical and management responsibilities. This person will be the lead engineer responsible for day-to-day production area performance in: throughput & productivity, process optimization for cost & quality, and safe unit operations & PSM as well as the technical liaison to management and partner companies.

- Key contributor in trouble shooting; Interact with the production employees providing hands on engineering support for production unit operations and turnarounds (shutdowns).
- Expectation to become a subject matter expert on both product and process within their assigned production area.
- Leads morning standup meeting in production area.
- Monitors KPI's and metrics to continually improve the process and achieve production targets. Generates weekly and monthly reports to review KPI's with operations and engineering teams.
- Responsible for production accounting and recording into ERP and/or inventory tracking systems.
- Provide on-call support to the operations team.
- Development and executions of test plans and Experimental Operating Directives
- Process optimization: Work to improve product quality, reduce operating costs, increase capacity and further streamlining the process.
- Participate in the plant Continuous Improvement Program including ISO 9001 and cGMP compliance.
- Lead root cause investigations utilizing 5-why or cause map methodologies.
- Support digital transformation of company workflows including digitization of plant documentation and development of the process historian.
- Maintenance: Work with maintenance department to troubleshoot equipment issues in the plant. Work with the engineering department and outside vendors to improve plant reliability.
- Plan and prepare for annual plant maintenance outages.
- Develop and review plant operating procedures and work instructions.
- Occasional assistance with the DCS system and instrumentation upgrades.
- Process Safety Management: Participate on the Process Hazards Committee. Develop and implement changes utilizing the Management of Change process.
- Develop and provide training for production employees.
- Mentor Co-Op Students
- Adhere to all environmental rules and regulations.
- Develop and implement Safety improvements.
- Project Engineering: Maintain a list of potential improvement projects with justification. Manage small capital projects as assigned.

2.0 REQUIREMENTS

2.1 EDUCATION

BS in Chemical Engineering

2.2 EXPERIENCE

- 3-5 years industry experience in a Chemical Plant or related industry
- Understanding and experience working in an environment with high standards for process safety (PSM).
- MUST BE authorized to work for any employer in the USA without current or future restrictions.

2.3 SKILLS AND ABILITIES

- Strong safety attitude and solid understanding of safe work practices.
- Solid foundation and understanding of 'unit operations'
- Strong leadership and interpersonal skills.

3.0 PHYSICAL AND SAFETY REQUIREMENTS

- Squatting, sitting, bending, pushing, walking 8-10 hours per day.
- Able to lift 15lbs
- Daily exposure to production environment.

4.0

- Attention to detail
- Self-starter
- Works with minimal supervision
- Innovative/creative
- Flexible/ adaptable

Employee Signature: _____

Date: _____

