



Mechanical Engineer Job Description

Date Created: 01.01.2018
Job Title: Mechanical Engineer (Portland, Oregon)
Reports to: Maintenance Engineer Manager

Overview:

Responsible for organizing complex activities for the design, development, implementation, and maintenance of engineering projects.

Job Duties and Responsibilities

- Maintain compliance of the process and related hardware within the assigned production (i.e. building, equipment, piping, and instrumentation), company safety and environmental regulations.
- Ensure capability of the process in producing the quantity and quality required.
- Maximize the reliability of the process in the most economical way.
- Maintain awareness of daily operation and provide required support.
- Identify and develop process improvement items, including justification.
- Improve the reliability and extend the operating life of plant equipment/machinery.
- Implement improvements in the process by submitting to management capital and/or maintenance projects.
- Assist in the development, implementation and administration of departmental budgets, procedures and guidelines.
- Maintain equipment documentation and spare parts
- Provide engineering assistance to Maintenance and Production personnel.
- Assemble and maintain the Mechanical Integrity Documentation
- Other duties as assigned

Qualifications and Knowledge

- Develop, evaluate, and improve manufacturing methods.
- Estimate production times and related costs to provide information for management decisions.
- Rotating equipment experience, stationary equipment experience and inspection is a plus
- Knowledgeable in PSM Mechanical Integrity
- Knowledgeable in applicable codes such as ASME and API

Education, Experience and Certifications

- B.S. degree in Mechanical Engineering.
- 3 + years of rotating and fixed equipment experience in the semiconductor and/or chemical industry desired
- Knowledgeable in PSM Mechanical Integrity.
- Knowledgeable in applicable codes such as ASME and API.

We offer an outstanding benefits package which includes: 90% employer paid medical (employee and family), 100% employer paid dental (employee and family), vision (employee and family), LTD, STD, Life Insurance and a matching 401k plan. Ten vacation days, five sick days, and sixteen paid holidays annually.

We are an Equal Opportunity Employer and do not discriminate against any employee or applicant for employment because of race, color, sex, age, national origin, religion, sexual orientation, gender identity, status as a veteran, and basis of disability or any other federal, state or local protected class.