



SEH America, Inc.
Vancouver, WA

INSPECTION MAINTENANCE ENGINEER

SEH America Inc. is a subsidiary of one of the largest producers of semiconductor silicon in the world, Shin-Etsu Handotai, Ltd. (SEH). In our Vancouver, Washington facility we manufacture single crystal silicon ingots, polished and epitaxial wafers and perform a variety of engineering and customer orientated services.

We are currently looking for **Inspection Maintenance Engineer** to be a key member of our highly talented team.

JOB DUTIES:

- Perform a wide variety of tasks related to process equipment improvements, modifications, testing and preventative maintenance on a wide variety of state-of-the-art automated process equipment used in the production of silicon wafers.
- Track and trend maintenance alarm data for machine performance improvements.
- Work with Process Engineer to drive improvements in tool performance.
- Supervise the installation of tool modifications.
- Coordinate with vendors and contractors to accomplish modifications and new equipment installation.
- Perform technical engineering duties directly associated with production, quality control, technical services, facilities, construction safety or material characterization.
- Identify and implement capacity or performance enhancements for existing equipment to reduce maintenance and operating expenses.
- Maintain system sequence of operation and other system specific technical/operating documentation.

QUALIFICATIONS:

- Bachelor's degree in Engineering required. Formal electronics/electro-mechanical training work experience or military training and experience a plus.
- 3+ years of experience working with inspection tools (KLA-Tencor is preferred).
- Need basic engineering knowledge skills gained through work experience.
- Understand electrical and electronic principals.
- Requires the ability to understand complicated drawings and specifications.
- Ability to collect, trend and interpret data.
- Must have a high degree of safety and environmental consciousness.
- Proficient in MS Office applications.
- PLC and programming knowledge (Mitsubishi preferred)

WORKING CONDITIONS:

Office, clean room environment, confined spaces and dirty environments are routine. Working with chemical applications is common. Typical hours are M-F, 8-5, but includes call in if necessary. Frequently lifts up to 5 pounds, occasionally lifts up to 25 pounds. Must follow all safety and PPE requirements.

SEH-A offers a generous benefit and paid time away from work package.

Interested? Please complete an application on our website.
www.sehamerica.com

SEH America is an equal opportunity employer