

Manufacturing Technician-80947

Description

SuperPower, a wholly-owned subsidiary of Philips Electronics, is an international leader in superconductivity and its applications. SuperPower manufactures flexible, thin-film-based High Temperature Superconductor (HTS) tapes for electric power and other applications at its Schenectady, NY location (<http://www.superpower-inc.com>).

Responsibilities

- Modifying, assembling, maintenance and repair of hardware components in CVD, PVD and other equipment such as vacuum pumps, vacuum fittings, heaters, sputter sources, motorized drives, sensors and controls for temperature, flow, etc.
- Design and fabricate minor hardware items in process equipment such as shields and shutters
- Maintain meticulous records and database of process hardware changes
- Procure raw materials and components from vendors and maintain excellent records
- Provide reports to scientists and engineers.
- Must be willing to be cross trained on other equipment/processes.

Minimum Qualifications

- H.S. graduate - 2-5 years industrial experience in some sort of high tech manufacturing, such as the semi-conductor, electronics or fabrication industries.
- Hands on experience with thin film deposition equipment or wet chemical equipment is preferred
- PC operation knowledge, including spreadsheet programs such as MS Excel, excellent interpersonal communication skills
- Ability to work and flourish in a milestone driven fast paced environment.
- Overtime and occasional weekend work will be required.
- CVD or MOCVD experience preferred.