

Test / Process Engineer

Company Overview

Solid State Devices, Inc. (SSDI) is a world leader in the design and manufacture of high reliability power semiconductors, assemblies, and modules used primarily in Aerospace and Defense applications. SSDI has been a pioneer in semiconductor manufacturing for over 50 years and has earned a reputation for setting the highest standards of reliability and performance.

The **Test / Process Engineer** provides support for the test and manufacturing areas. Evaluate best practices and equipment as well as repairs and maintains current test equipment. In addition, this position, evaluates downtime, processes, and recommends solutions for the most effective use equipment, information, material, employees, and other assets.

Duties and Accountabilities:

- Submit proposals for tasks and projects for evaluation, application and approval.
- Work with others on the team to analyze production and non-production operations and implement suggestions for improvements.
- Review employee proposals and suggestions and provide suggestion approvals and implementation.
- Champion lean projects in various departments and lead the implementation.
- Must be able to learn, fix, and support all current test and burn in equipment.
- Must be familiar with manufacturing test processes
- Must have a basic knowledge of programming.
- Must be familiar with equipment such as temperature monitoring, PLC devices, and data acquisition.
- Must be familiar with CAD, SolidWorks, and basic schematic drawing software to provide simple test boards and fixtures.

Interpersonal Skills:

Must be able to interact easily with Management, Engineering and co-workers.

Communications:

Oral: Must be able to follow verbal instructions and effectively communicate with co-workers and supervisory staff.

Written: Must be able to follow written manufacturing instructions and maintain manufacturing documentation on test results

Education: Engineering Degree in Electronics, Process, or Testing.

Training & Experience: Requires 3-years minimum of related experience in a Manufacturing environment.

Solid State Devices, Inc. proudly offers a comprehensive benefits package including Medical / Dental / Vision / Life Insurance / Paid Time Off (PTO) / Holiday Pay & 401(k).