

## ENGINEERING TECHNICIAN

### Summary

A challenging position in a Manufacturing, Engineering, or Research & Development environment where my overall technical background, along with my leadership and decision making capabilities will be combined to contribute to company goals, enlargement, & productivity.

### Highlights

- Excellent communication techniques
- Lean principles knowledge
- Manufacturing systems integration

Microsoft Excel & Word

Assembly drawing

Engineering operational functions

Design instruction creation

### Accomplishments

- Mastered engineering software programs, including Labview and ERP systems such as Microsoft AX Dynamics
- Trained new and current employees for both operating procedures and manufacturing disciplines
- Used operational knowledge of systems, parts and components to solve problems that arose during assembly.
- Personally managed production activities to guarantee 90 % of orders were shipped on-time.
- Contributed to an increase in productivity through improvements in operations, quality, safety and administration.
- Promoted to Production Supervisor within 8 years of employment.

### Experience

#### Engineering Technician

April 2015 to Current Company Name 1/4 City , State

- Executing protocols for new system integration
- Help design & verify test fixtures are reliable for manufacturing sustainability
- Mechanically assemble components to specifications outlined by Engineering
- Work on various projects with lab setup, supply ordering, and test execution tasks
- Conduct bench testing and analyze data for final report
- System Testing verification & analysis Software configuration testing
- Applied engineering principles to develop and operate electrical, mechanical and data processing systems.
- Executed root cause analysis to improve yield and reliability.
- Ran operational tests on systems and equipment to reinforce proper processes and remedy malfunctions.
- Carefully organized, analyzed and prepared technical data reports to ensure proper workflow and productivity.

#### Sr. Repair Technician

February 2015 to April 2015 Company Name 1/4 City , State

- Responsible for reworking incoming PCB boards:.
- Troubleshooting component level board testing.
- Analyze schematics to prepare failure diagnostics.
- Prepare test for either production or rework boards by setting up test station to specification.
- Maintained safety by verifying compliance and assuring proper factory testing.

#### Lead Manufacturing Technician Production Supervisor

February 2004 to June 2014 Company Name 1/4 City , State

- Responsible for the 2nd shift production operations then promoted to Production Supervisor.
- Major accomplishments and duties in areas of: Responsible for completing production orders in a timely manner in the AMR department - Axsun Mechanical Robot
- Perform ENG tasks as well as prototypes requested by R&D department
- Assist with editing and creating ECOs, work instructions, and documentations
- Handled the task of Production Equipment maintenance and troubleshooting by using proper protocols
- Develop a working environment to ensure that quality, performance, and consistently are met
- Submitted detailed reports or delays to Management and Engineering team on employee training, daily production goals, equipment failures, and priorities
- Implementation of simplified process for all manufacturing operations - acknowledge that processes be broken down into simplified steps, characterizing process definitions and installed graphs and pictures to enhance operator's knowledge of operations
- Motivate and sustain commitment to lean manufacturing for all operators
- Posses a good knowledge of various assembly line stations with working experience
- Re-organized and stabilized the bottlenecks areas that poses threat to company goals

- Operated vacuum chamber machinery - lid seal, pick and place
- Build optical channel monitors used on optical sensing applications
- Align micro-optics using unique signal processing algorithms based on substrate's optical and coating power wavelength and optical signal-to-noise ratio measurements in the C, L, and C+L Band frequency
- Familiar with ERP systems - AX Dynamics and 5 S Lean Principles
- Supervisory role.

#### Wafer Fab Technician

September 1999 to January 2004 Company Name i¼ City , State

- Responsible for production output in areas of the front end and testing.
- Help support Team Lead on various tasks involving data entry and maintaining equipments.
- Distributed virgin wafers from stock to production to employ wip
- Knowledge of operations in Laser Scribe Machinery, Keithly Instruments, and Karl Suss equipments
- Manipulated time for the job per machine and scheduled processes accordingly to achieved remarkable time efficiency.
- Completed certified training and chemical course
- Attended various training workshops as a part of the work and tried applying those principles for production jobs
- Worked in weekly rotational shifts with an excellent attendance record.
- Worked at the testing room and provided accurate inputs to the machines which produced fine results with minimal rejection ratios.

#### Assembler/Operator

April 2003 to September 2003 Company Name i¼ City , State

- Responsible for the assembly of fluorescent light displays and maintaining the machines.
- Worked at a Press and Punch machine station and Drilling station
- Wired and assembled components into sub-assembly configurations
- Carried out post inspection duties to ensure quality meets standards
- Reported to supervisors about machine downtime and output.

#### Test Technician

March 2001 to January 2002 Company Name i¼ City , State

- Responsible for the production of prototypes and processes develop by the Engineers.
- Tested final product and help to analyze data Recommended solutions on the testing line to improve failure rate
- Handled epoxy instruments, dicing machines, and heating ovens
- Assisted engineers with process flow and failure analysis.

#### Education

Diploma : 1999 East Boston High School i¼ City , State

#### Skills

- Data entry
- Employee training
- Equipment maintenance
- ERP : Microsoft AX Dynamics
- Failure analysis
- Inspection
- Lean manufacturing
- Mechanical processes
- protocols execution
- Supervisory
- System integration
- Team player
- Troubleshooting