

JOB DESCRIPTION

Working Conditions:

- *Material and Equipment Involved:* List all machines and equipment a person in this position will use directly in the performance of this job.
- *Work Environment/Physical Activities:* Describe the usual working environment and physical activities required to do the job.

Give the minimum requirements for the job, not personal qualifications of the person(s) presently in the job.

Job Title – Senior Process Engineer	Exempt x Non-Exempt
Supervisor’s Title: Application Engineering Manager	
Date Prepared: 01/20/2007 Rev. 11/01/2008	Department - Engineering

General Purpose -

- Provide innovative direction and engineering solutions in the research, development, and manufacturing of leading edge circuit boards. Proven leadership including cradle to grave implementation of new engineering systems (including CapEx justifications) as well as demonstrated understanding and use of lean manufacturing methodologies.
- Offer DFM support to customers implement, monitor, upgrade/provide engineering recommendations to increase production performance/yields; perform engineering design reviews/data analysis; develop prototype circuitry designs.
- A mechanical aptitude and knowledge of DOE’s with specific focus on understanding material movement is a must. Experience working with new material and process qualification for novel resin systems along with an understanding of technical write up and justifications will be required.
- Development of Process and Procedures to consistently manufacture hi-tech printed wiring boards.
- Train production employees as necessary
- Meet customer expectations in regards to specifications and requirements.
- Write manufacturing details and procedures
- Coordinates with sales, inventory, production and engineering personnel to conform to raw materials, work-in-process and finished goods inventory targets. Reviews job status to determine ship dates for sales.

Essential Duties/Responsibilities –

- Capable of directing the product thru the manufacturing process and as required perform the work themselves.
- Oversee and validate the overall quality of the product as per customer specification.

Other Duties/Responsibilities –

- Assist with technical sales
- Assist with any issues regarding test and/or quality conformance.
- Qualify and release when ready for production laser micro-via technology.
- Qualify and release when ready for production embedded passive technology.

Supervisory Duties –

- Communicate specific instructions to all departments regarding new procedures and techniques.
- Able to document any changes or additions to existing procedures.
- Able to project and track a project's schedule.

Job Qualifications

Knowledge, Skill, Ability:

- Knowledge of all industry standard-manufacturing processes and be able to perform them.
- Read from a distance of 1 to 2 ft., print size of #8-9 font

Education Or Formal Training:

- BS Electrical/Mechanical Engineering/Material Science
- Manufacturing Engineer or at least 12 years specific to PWB manufacturing in lieu of degree.

Experience:

- Hands on training as a product development or special projects engineer.
- Specific knowledge of exotic materials and how and when to use them.
- 12 years experience.

Material and Equipment Directly Used:

- All materials and equipment used on the factory floor.
- Familiar with all the processes.

Working Environment/Physical Activities:

- Must be mobile to move on the factory floor.
- Ability to lift 30-40 lbs
- Fast paced
- Work in a chemical environment
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All Interested Candidates should contact the Human Resources Department

Submit a resume and salary expectations

Phone: 303-730-0505

Secure Fax: 303-797-9275

Email: kdoherly@unicircuit.com