



**SENIOR PROCESS ENGINEER - KEY FUNCTIONS:**

The Senior Process Engineer reports directly to the VP of Engineering. The Senior Process Engineer will have the responsibility, organizational freedom and authority to:

- A. Initiate action to prevent product non-conformity;
- B. Identify and record any product quality problems;
- C. Verify the implementation of solutions;
- D. Control, stop or change further processing, delivery, or installations of non-conforming product in the Engineering Department until the product deficiency or unsatisfactory condition has been corrected.

**RESPONSIBILITIES:**

Primary responsibility is to get the updated wet process area into operation and producing revenue.

Insure it's continuous operation by:

- 1. Written operating instruction for each piece of equipment. Instructions should be tailored for the expected competency level of the user (i.e. process engineer, maintenance mechanic, line operator, etc.);
- 2. Checklist or other means to insure that start-up, operation and shutdown sequences are performed correctly;
- 3. Establish preventive maintenance and daily maintenance schedules that can be posted at or near equipment and will provide a quick visual method to monitor that the requirements are being performed;
- 4. Provide the training to plating operators needed to execute the programs developed to the necessary parties including (but not limited to): Wet Process personnel, Wet Process Supervisors, Production Manager, Manufacturing Manager, Maintenance Mechanics, Maintenance Supervisor, Facilities Manager, Chemical Lab personnel, and other process engineering personnel;
- 5. Recommend spare parts to keep on hand (keeping a delicate balance between cost of inventory and cost of equipment downtime).

**Wet Area:**

- 1. Aid in the research and selection of some of the pieces of equipment not yet purchased;
- 2. Aid in the selection of chemistry and/or materials to be used in conjunction with pieces of equipment.



**Other Manufacturing Areas:**

1. Maintain clear, organized files and data on all areas in which you are involved;
2. Provide direction and leadership to process engineer(s) reporting to you. Insure time is used effectively and the special projects are handled in order of priority and criticality.
3. Remain keenly aware of process problems needing process engineering support and assume a personal role in their resolution should your subordinate(s) require excessive time to resolve the matter on their own. Downtime in the manufacturing process signals a “top priority” status until the line is up and resumes production.
4. Take an active role in maintaining environmental control program. Each team member has a moral obligation to insure that a safe, environmentally sound operation is maintained at all times.
5. Participate in remodeling and reorganization programs as needed.

**Safety:**

This is the most critical area of the position. The workers in Wet Process are exposed to hazards and chemicals. Provide training and leadership to each plating operator and insure that they are properly trained in the use of safety equipment and the properties of the chemicals and materials they deal with.

**CRITICAL REQUIREMENTS:**

- Strong PCB technical background;
- Understanding of chemical and photoprint operations;
- Capable of making decisions with minimum input;
- Results oriented with good teamwork skills (sense of urgency is critical);
- Proven track record with complex multi-layer boards;
- Familiar with variety of material;
- Good written & verbal communication skills;
- Computer literate (use of applications, not technology focus);
- Bachelor of Science degree in Chemical, Electrical, Mechanical Engineering or Manufacturing Technology is required.

**SUGGESTED EXPERIENCE:**

- 8 years PCB engineering and/or chemical lab;
- Experience in a high-tech/quick-turn environment building complex multilayer boards is preferred.