Job ID:	321PV
Job Title:	Pre – Production Engineer
Degree Requirements:	High School Diploma
Years of Experience:	3
Type of Position:	Direct Hire
Location:	Near Milwaukee, WI
Salary Range:	Depends on Experience and Expertise
Travel Required:	Minimal

We are working with our Manufacturing Client based near Milwaukee, WI to find a Pre-Production Engineer who has a minimum of 3 years' experience in the manufacturing of computer components and a High School Diploma. Your experience and expertise in the computer board production industry and Micro Vias (MicroVias) is the key to your candidacy.

Some relocation assistance is budgeted for the right candidate.

MUST HAVE REQUIREMENTS for this position are:
* Prior experience working in a manufacturing environment producing computer board and components
* A high level of expertise and knowledge of Micro Vias (MicroVias)
* 3 years' experience working in a manufacturing environment
* Excellent math skills (ability to use algebra, trigonometry, geometry, & statistical process control methods)
* Knowledge of drafting and blueprint reading
* Expertise in circuit board design & manufacturing
* Strong communication & interpersonal skills
* History of solving problems, analyzing data, & situations
* Possess a **HIGH DEGREE** of attention to detail

PLUSSES FOR THIS POSITION ARE:
***** Bachelor's degree in Electrical, Mechanical, Industrial Engineering or a degree in Business
* Additional years of experience in the production arena of computer board and components
* Prior experience is working with external customers to insure that new products are correct

The **RESPONSIBILITIES** of this position include, but are not limited to:
* Use appropriate software to review details, layouts, & designs according to internal engineering & customer specification
* Review & analyze customer specifications design data to specify & engineer product designs
* Generate photo tooling & drill tapes from CAM data
* Prepare travelers & other forms for use during the manufacturing process
* Review customer artwork and CAM data
* Analyze design determining details for further definition for manufacturability
* Consult with customers to determine appropriate changes to solve design problems
* Utilizing CAM Systems, generate photo tooling & drill tapes for use throughout the

manufacturing process
* Create rout sheets, shear sheets, tooling checklists, & other paperwork, release final copies to the shop floor
* Write Engineering Change Notices (ECN's) based on the information from Engineering Change Notice Request forms (ECNR's)
* Change all related paper work & tooling based on the ECN
* Review & update tooling checklists, artwork check-in procedures & other engineering procedures as needed to maintain the efficiency of the engineering department
* Communicate verbally and in writing with customers and other associates on the status of jobs and specifications
* Act as company representative on specific technical issues
* Utilize calipers, micrometers, eyepieces, copying machines, Computer Aided Manufacturing (CAM) system, Opic, and other office machines in the performance of duties
* Utilize modem to transfer data from customer databases

If you meet these requirements and wish to be considered for this position, send your résumé that **includes what your employers do to make their money** to us in a Word document at Resumes AT PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email.

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

KEY WORDS
circuit boards, circuit board design, circuit board manufacturing, INTEL, High School Diploma, Technical School Training, BSEE, BSME, BSIE, Bachelor Science Electrical Engineering, Bachelor Science Mechanical Engineering, Bachelor Science Industrial Engineering, Bachelor Business, CAM data, Engineering Change Notices, ECN's, Engineering Change Notice Request, ECNR, Opic, drafting, blueprint reading, calipers, micrometers, eyepieces, copying machines, Computer Aided Manufacturing, CAM, rout sheets, shear sheets, tooling checklists, algebra, trigonometry, geometry, statistical process control methods, six sigma, lean manufacturing, micro vias, microvias, LEAN, Six Sigma