

Process Expert (Engineering Technician Entry Level)

A process expert monitors and optimizes processes, as well as problem solving quality and efficiency related issues.

Essential Duties / Job Responsibilities

1. Optimize, monitor, and maintain manufacturing processes and equipment to meet or exceed product quality, operational productivity, and plant safety requirements.
2. Become a leader in problem detection, reporting, and resolution.
3. Lean manufacturing efforts to eliminate the problem's root cause and prevent re-occurrence in similar processes.
4. Review and revise the instructions to match the standard operating condition.
5. Work with process engineer to create, implement, and maintain process improvements.
6. Work as a liaison between process engineering, production, and product maintenance group to reach the optimum process condition.
7. Assist in the development and implementation of training, metrics and supports to maintain improvements.
8. Utilize statistics and fact based data gathering to improve product quality and customer satisfaction.
9. Confers with management, engineering, and other staff regarding improvements to production processes.
10. Evaluates and improves manufacturing methods and processes, utilizing knowledge of product design, materials and parts, tooling and production equipment capabilities, assembly methods, and quality control standards.
11. Uses problem solving and project management skills to solve a wide array of technical problems.
12. Communicates well and works with others to resolve problems and accomplish work through various company resources.
13. Organizes technical problem solving strategies clearly and presents them effectively to all concerned parties.
14. Uses statistical process control (SPC) and yield data to help resolve or correct all identified problems.
15. Performs other duties as requested by the Process Engineering Manager or company officers.

Qualifications:

1. Associate or Bachelor degree in engineering.
2. Or high school degree with 2+years on experience in engineering, customer service or production field.

Essential Skills and Abilities:

1. Excellent communication skills, both written and oral.
2. Ability to effectively present information Engineering Group and other key personnel.
3. Ability to apply principles of logical or scientific thinking to a wide range of intellectual and practical problems.
4. Demonstrated operating knowledge of computers and the Microsoft operating system with intermediate to advanced level ability within Word, Excel, and Power Point software programs.
5. Ability to prioritize multiple projects.
6. Ability to find root causes of problems.
7. Ability to present solution and implement of countermeasures.

8. Ability to analyze data using various charting, look for trends, and determine when a Statistical Process Control Chart is out of control.

Physical Demands:

While performing the duties of this job, the employee is required to walk, sit, stand, use hands to finger, handle, or feel objects, reach with hands and arms, see, talk and hear.

Work Environment:

While performing the duties of this job, the employee is in a controlled physical environment protected from the weather conditions prevalent at the time. The noise level in the work environment is minimal.