

High Performance Conductors Job Description

Descriptive Data

Job Title	Manufacturing Engineer	Job Code	
Position Reports To	OpEx Manager		
Department	Engineering	Grade	FLSA Exempt
Business Unit	HPC-Trenton, GA	Date	4/20/2016

Primary Purpose

Summarize the purpose of the job in three or four lines.

Plans, organizes, and evaluates designated engineering projects and programs .Design and develop new processes to support new products. Provide technical and engineering support for manufacturing processes in wire, cable and medical products. Supports the facility in assuring facility compliance with OSHA, EPA & GDNR policy.

Essential Functions

Describe the fundamental duties and functions of the job

1. Plans, organizes and evaluates designated engineering projects. Supports Technical Service Manager and Plant Manager in preparation of proposals, justification and management of capital projects and expenditures as well as in preparation of statistics and recommendations on plant engineering activities. Prepares reports for Technical Service Manager. Solicits, prepares and administers contracts for assigned projects.
2. Provides engineering support to the production processes in equipment improvements, modernization, modification, material-handling automation and upgrades. Analyzes equipment malfunctions, then recommends and implements corrective actions.
3. Maintains all documentation and records pertaining to the projects managed (drawings, equipment specifications, bid documentation, project costs)
4. Ensures the facility is in compliance with all Federal, State and Local compliances.
5. Participates on the Plant Safety Team and initiatives. Supports the Company's Destination Zero goals. Analyzes equipment for safe production, then recommends and implements modifications, as required.

Knowledge and Experience

Describe any specialized knowledge or experience that is required on a regular basis to perform the essential functions of the job. Include any professional certifications or degrees that are required.

- Bachelor's degree in an engineering discipline.
- Professional engineering certification preferred.
- Three to five year experience in manufacturing environment a plus and must be hands-on, comfortable working in the plant interacting with all levels of employees.
- Broad experience and knowledge of mechanical and electrical systems, project administration and management, shop manufacturing practices, environmental management, organization and planning.
- Strong analytical skills, self-motivated and able to manage multiple priorities and deadlines.
- Experience with lasers, process controls, automation, PLC programming, and thermal applications.
- Lean Manufacturing experience preferred.
- Computer expertise with Microsoft Office Suite and Microsoft Project. Experience with CAD/SolidWorks. Working experience in PLC programming is helpful.
- Excellent communication skills, orally and in writing; ability to establish and maintain effective working relationships with all levels of employees and the general public.
- Ability to develop and maintain awareness of occupational hazards and safety precautions. Skill in following safety practices and recognizing hazards.

Physical Demands & Work Environment

Describe the physical demands and work environment that are representative of what an employee may encounter while performing the essential functions of this job.

- Work is performed in both an office and manufacturing floor setting. Required to wear personal protective equipment, in accordance with HPC policies and practices.
- While performing the duties of this job, the employee is regularly required to stand, stoop, walk, sit, reach, demonstrate manual dexterity, talk, hear and see.
- Occasionally may be required to lift light to moderately heavy objects (up to 25 pounds) and perform other similar actions during the course of the workday.
- HPC is a tobacco and drug/alcohol free work environment through the use of mandatory pre-employment drug testing and on-going for cause drug testing.

