

Job Title: Electro Mechanical Designer
Department: Power Division
Location: Hackettstown, NJ

Position Summary:

Astrodyne TDI is looking for an Electro Mechanical Designer who is hands-on, works well in a team environment working as an excellent team player with a positive attitude. This Electro Mechanical Designer must have a strong understanding of manufacturing techniques, tolerance and drafting rules. This person will be responsible for designing mechanical packages and associated hardware for power supplies from concept to production release. In addition, the Electro Mechanical Designer will work on multiple projects and requirements without compromising safety, compliance or quality.

Job Responsibilities:

- Follow good design practices and company quality guidelines on all designs.
- Review customer specifications, analyze design requirements.
- Generate CAD model, all parts, cables and assembly drawings for the product and deliver a complete design documentation.
- Provide regular progress reports to department and program managers.
- Document design activities by maintaining design record books.
- Participates in initial prototype build activities.
- Interact with all relative internal departments for on-time project completion.
- Coordinates with and consults other workers to design, layout, or detail components and systems and to solve design problems.
- Modify and revise designs to correct manufacturing deficiencies or to reduce cost.
- Generates high quality and complete engineering drawings complying with the industry standards.

Qualifications:

A Minimum Trade/Technical School diploma and 5- 10 years of experience is required. An Associate's Degree and 6 years of mechanical or an electromechanical field is preferred. Must have excellent communication skills, clearly communicate ideas, concepts and problems associated with technical functions along with a delivery of robust and manufacturing-friendly design with modest supervision. Proficiency in all aspects of Creo (ProE) software package (Cadence would be a plus), along with electro-mechanical system fundamentals, bill of materials, layout diagrams, and assembly drawings. Requirement of a high level knowledge of good design practices and utilizes them on a regular basis, e.g. tolerance analysis, pcb design rules...etc. In addition, this position may have ability to train junior staff members in design guidelines and geometric dimensioning.

Due to Military affiliations, we are unable to sponsor candidates who require a Visa. Candidates MUST be a US Citizen or a Permanent Resident/Green Card Holder.

Astrodyne TDI provides equal employment opportunities to all employees and applicants. Our culture is one that provides opportunities for employee involvement, growth, and development. Astrodyne TDI offers competitive salary, paid time off, robust healthcare benefits, and 401(k).

To Apply: Please email your resume and cover letter to Lindsay.Varnum@astrodynetdi.com