

**Job Title:** Engineering Technician  
**Location:** Hackettstown, NJ

### **BASIC FUNCTION AND SCOPE OF JOB:**

Astrodyne TDI is looking for hands-on individuals who enjoy rolling up their sleeves and work with a multidisciplinary team to participate of the development of innovative products. Our Engineering Technicians will work with Electrical and Mechanical engineers during all stages of prototype testing, including creation of fixtures, performing failure analysis, Design Verification Testing and troubleshooting of prototype switching mode power supplies and system controllers.

### **WORK PERFORMED:**

- Work with Engineers (Mechanical and Electrical) to assemble SMPS prototypes according to specifications.
- Help in the creation and implementation of test plans for prototype switching mode power supplies
- Collaborate with electrical engineers or other personnel to identify, define, or solve developmental problems that may arise as part of the design process.
- Identify potential failure trends when troubleshooting prototype switching mode power supplies
- Generate test reports
- Conduct EMC base line testing in house, coordinate with outside labs for compliance testing, and prepare necessary test equipment and fixtures to complete the task
- Interact with New Product Introduction and Operations teams to transfer final product to production.
- Mentor junior members of the team

### **OTHER RELEVANT EXPERIENCE/TRAINING:**

- Practical understanding of Electrical Engineering concepts
- Read and understand schematics and troubleshoot based on given information.
- Work with electronic test equipment (Oscilloscope , DMM, etc.)
- Experience working in a team-oriented environment.
- Proficiency in the use of Microsoft Word and Excel
- Good communication skills, communicate effectively, write comprehensive technical reports
- Hands on mechanical experience desirable.
- Capability to identify power electronics topologies –Desired

### **EDUCATION AND TRAINING REQUIRED:**

Associates degree in Electronic Technology or similar discipline.

**Due to Military affiliations, we are unable to sponsor Visa. Must be US Citizen or Permanent Resident status only.**

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 [beth.chaplin@astrodynetdi.com](mailto:beth.chaplin@astrodynetdi.com)