

Job Title: Mechanical Engineer
Location: Hackettstown, NJ

BASIC FUNCTION AND SCOPE OF JOB:

Astrodyne TDI is looking for a Mechanical Engineer capable of working with a multidisciplinary team on the development of innovative products. The Mechanical Engineer must be able to interpret a customer's specification and design our products to meet every mechanical detail of the specification. Our mechanical engineers are responsible for the entire design process including design reviews, documentation, Engineering Analysis, Design Verification Testing and production support.

WORK PERFORMED:

- Mechanical lead on selected projects
- Responsible for conducting engineering analysis (thermal, structural) on new product designs
- Follow good design practices and company quality guidelines on all designs
- Generate high quality and complete engineering drawings complying with the industry standards
- Provide regular progress reports to department and program managers
- Document design activities
- Coordinate with all relevant internal departments for on-time project completion

EDUCATION AND TRAINING REQUIRED:

Bachelor's Degree in Mechanical Engineering

YEARS OF EXPERIENCE REQUIRED:

5 years of experience

OTHER REQUIRED TRAINING:

- Familiarity with fluid mechanics and heat transfer in electronics and system level cooling applications
- Ability to apply fundamental engineering principles in design activities
- Proficient with CAD software packages (ProE Creo preferred)
- Experience in material selection and manufacturing processes
- Self-starter who takes initiatives and takes ownership of the tasks
- Excellent communication skills, clearly communicates ideas, concepts and problems

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 or Beth.Chaplin@astrodynetdi.com.