

Position Title: Design Engineer Technician III

Immediate Supervisor Title: Vice President Engineering and Technology

Department: Engineering

Location: Exton, PA

FLSA Status: Salaried Exempt

Brief Summary of Position Purpose:

Experienced design technician. Work assignments are varied, and of moderate scope and complexity. Supervision received is limited. Person is to assist engineering staff with design, testing, prototype building, or other activities relating to design or reliability. Areas of specialization will include mechanical, electronic and others. Work will include use of both specialized and standard computer applications in the performance of their duties such as test data analysis.

Essential Functions:

Essential Duties and Responsibilities:

- Gather test data, analyze test data, and prepare test reports.
- Use math and science skills to assist engineers with creating products.
- Product verification & validation testing.
- Work with small and delicate parts, hand tools, fixtures, and various types of machinery & measuring/test equipment.
- Create testing tools and methods.
- Maintain manufacturing procedures making changes as required.
- Trouble shooting flaws in design or individual units.
- Other duties and responsibilities as may be assigned.
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Education/Training/Certifications:

- A 2-year engineering technician program, or associate degree in electrical or mechanical engineering.

Experience:

- 3+ years of previous work experience, or equivalent
- Strong organizational and time management skills.
- Excellent problem-solving skills

Required Skill Sets: (e.g., computer skills, communications, math, etc.)

- Experience with engineering tools including: o Oscilloscope and Digital Volt Meter (DVM)
- CAD design software (or similar), preferred.
- Keep detail and accurate records of work using Microsoft Office Suite
- Basic literacy and math skills
- Solid computer and communication skills

Physical Demands: (e.g., lifting, travel, etc.)

- Requires concentration, accuracy and focused mental/visual effort
- Must be able to lift up to 50 lbs.

- Climb up to 12 feet on a safety ladder
- Must be able to sit or stand for long periods of time.

Pursuant to the Americans with Disabilities Act (ADA), reasonable accommodations may be made to enable qualified individuals to perform the essential functions of this job.

AA/EEO/M/F/D/V