



## Engineering Technician

### Job Description

Department:	200 - Engineering	Reports To:	Principal Manager
Positions Supervised:	This job has no supervisory responsibilities.		
Travel Required:	0%	FLSA Status:	Non-Exempt
Schedule:	M-F 8:30-5:30	Classification:	Full-Time
Last Revision Date:	8/23/2023	Location:	Oldsmar, FL

### Job Summary

The Engineering Technician will assist product development engineering in construction, test, and analysis of development prototypes. They will maintain the engineering lab as well as perform testing on consumer electronics.

### Required

- Two Year Technical Degree in Electronics
- 3 years of experience in electronic product development, in an engineering environment, including prototyping, test, analysis, written reports
- Understanding of digital and analog circuits including MCU's, electrical theory
- 3 years troubleshooting multi-layer electronic circuits and assemblies to the component level
- Strong soldering skills, including SMT and through-hole
- Working knowledge in operation of Power Supplies, Multimeters, Oscilloscopes, other test instruments
- Proficient with MS Office, including Excel, Word, Outlook

### Duties and Responsibilities

- Construct, test, troubleshoot electronic circuits including SMT and through hole PCBA's
- Build, test, troubleshoot electronic and mechanical prototypes
- Conduct experiments and/or testing, collect data, calculating and/or recording results
- Test consumer electronics products for power requirements & compatibility with VPG product lines
- Document test results in well written reports
- Interpret electronic schematics, diagrams, layouts, CAD drawings, specifications and/or test plans for the construction, test, and troubleshooting of circuits and prototypes.
- Design and build development test fixtures
- Additional duties and responsibilities may be assigned as required

### Certificates, Licenses, Registrations

This position does not require certificates, licenses, or registrations.

### Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. This position may require extended periods of standing, sitting, as well as some repetitive movements and repetitive lifting of minimal weight. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### Work Environment

The work environment has a normal level of office sound. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

## Travel

Travel is not a requirement of this position.

## Supervisory Responsibilities

This position does not have supervisory responsibilities.

*Vanguard Protex Global is a drug-free workplace.*

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Employee Name

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Employee Signature

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Date