

**Job ID:** RK051613A  
**Job Title:** Electrical & Safety Engineer  
**Degree Requirements:** Bachelors Degree in Electrical Engineering  
**Years of Experience:** 3  
**Type of Position:** Direct Hire  
**Location:** Upper East Tennessee  
**Salary Range:** \$65K - \$70K Depending on Experience and Expertise  
**Travel Required:** Less than 25% Domestically / Internationally

Our Upper East Tennessee client has an **IMMEDIATE NEED** for an Electrical and Safety Engineer who has a Bachelors degree in Electrical Engineering with a HIGH Degree of Mechanical Aptitude or Masters degree in Electrical Engineering with a HIGH Degree of Mechanical Aptitude. This company has an excellent Healthcare Plan that includes an on-site clinic / pharmacy for families. Relocation assistance is budgeted for this position.

The **MUST HAVE REQUIREMENTS** to be considered for this position are:

- \* Bachelors degree in Electrical Engineering with a high degree of Mechanical Aptitude
- \* 3 years work experience
- \* Design / Application background in electrical motors / control / trouble shooting
- \* Ability to travel by air on short notice
- \* Expertise with servo controls
- \* Prior leadership
- \* Excellent communication skills
- \* Programming experience

**PLUSSES** in this position are:

- \* Mechanical discipline with HVAC experience and expertise
- \* BSEE and MSEE dual degrees
- \* Computer Hardware communication expertise ( RS485 )
- \* LEAN Certification
- \* Six Sigma Certification

The **RESPONSIBILITIES** of this position include but are not limited to:

- \* Work with safety agencies ( UL, IEC, CCC, PED, etc. ) and component suppliers
- \* Work with internal manufacturing and quality groups ( product development, project management )
- \* Submit and track products / components for UL recognition & compliance with customer requirements
- \* Work with product development engineers in regard to motor overload protection applications ( OLP )
- \* Maintain OLP document library
- \* Work with Sensata when required
- \* Design of variable speed compressor motor drive
- \* Lead Cost Reduction programs

If you meet these requirements and wish to be considered for this position, send your résumé to us in a Word document at [Resumes@PinnaclePlacementGroup.com](mailto:Resumes@PinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email.

**In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your MINIMUM salary requirements.**

**KEY WORDS:** Compressors, HVAC, Electrical Engineer, Mechanical Engineer, BSEE, MSEE, servo controls, electrical motors, LEAN, Six Sigma, RS485, UL, IEC, CCC, PED, product development, project management, OLP, overload protection, Sensata, variable speed compressor motor, variable speed compressor drive, variable speed compressor motor protection, variable speed compressor drive protection, Permanent Magnet, Induction, cost reduction, supplier management, electrical components, motors, capacitors, protector, mounts, compressor controls, crankcase heaters