

ELECTRICAL ENGINEER – AUXILIARY POWER UNITS (AUTOMOTIVE/MOBILE)

REPORTS TO: DIRECTOR OF ENGINEERING

DEPARTMENT: ENGINEERING

CLASSIFICATION: EXEMPT

DIVISION: CDN OPERATIONS – KITCHENER, ON

Job Summary:

This is an exciting Engineering opportunity to work on existing and new APU products. This position requires somebody with Electrical Engineering experience with system design, wiring design and PCB design. Candidates must be capable, motivated, and able to work independently as well as within a team when required on a variety of tasks. Tasks include electrical system design, PCB design and wiring schematic / harness design.

Essential Functions:

- Define, design, test and release new electrical harnesses, PCB's, and other system components
- Lead/participate in system and component level DFMEA's & DVP&R's as required
- Benchmark existing components and systems
- Develop test procedures, conduct tests, analyze data, iterate designs and write test reports
- Provide technical support to purchasing, production, customer service and quality assurance
- Process field issue data to determine root cause and improve design
- Champion 8Ds, working closely with the cross functional team
- Prepare and present technical presentations for internal and external customers
- Improve and cost reduce existing products

Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

- Bachelors' Degree in Electrical Engineering
- 5+ years working experience in an applicable Engineering role
- Automotive experience preferred
- Experience with PCB design considered an asset
- Experience with VeSys harness design software considered an asset
- Experience with Altium considered an asset
- Experience with mobile HVAC systems considered an asset
- Demonstrated ability to work in a fast-paced, deadline driven environment
- Effective communication skills & ability to work within a team
- Strong problem solving skills
- Self-starter, initiative & motivated
- Hands-on experience
- SolidWorks experience considered an asset
- Project management skills considered an asset

Management reserves the right to change, rescind, add or delete the duties and responsibilities of positions within this job classification at any time.