



POSITION DETAIL

Position: Power Electronics Design Engineer

Department: Engineering

Employment Type: Full Time

Education: Bachelors Degree required. Minimum BSEE Degree from an ABET Accredited Institution

Years Experience Required: 5+ Years

Position Summary:

Develop and design electrical equipment design and manufacturing of 400Hz solid state power and 270VDC power supplies converters and electronic circuits and components for aircraft ground support equipment

Knowledge and Skills:

- AC/DC Power Supply and power circuit design
- SPICE Circuit Analysis
- Develop system level hardware and software requirements, specifications and documentation
- Design and MTBF analysis
- Working with third party vendors
- Self-starter who is a team player that enjoys new and challenging projects
- CAD – CATIA, Design works professional preferred
- Related Experience as a Digital designer and hardware developer
- Familiarity with Automated Programming Tools; IDE's, Debuggers, Device Programmers
- Experience in Power Conversion, Power Supplies, Hardware Interfaces, Drive Controls.

Responsibilities and Duties:

- Service internal and external customers
- Drawing and BOM creation and maintenance
- Product line quality and design improvements
- Technical troubleshooting and firmware debugging
- Submit and complete scope of work, schedule and budget for projects
- Return Material Analysis evaluation and analysis
- Operations and Maintenance manual input
- Manufacturing work instruction input
- Develop Test Fixtures for Debugging new Hardware and Automated Test Equipment
- Design per National and International Regulatory Requirements; UL, IEC, NEC.

Additional Information:

- Excellent benefits visit www.tronair.com
- Competitive Salary
- Email resume to hr@tronair.com

Equal Opportunity Employer

1740 Eber Road
Holland, Ohio 43528
U.S.A

e-mail: hr@tronair.com
website: www.tronair.com

Phone:419-866-6301
800-426-6301
Fax: 419-867-0634