



WEBCO HR, Inc.

Let Experience be Your Guide

POWER DESIGN ENGINEER – MCLEANSVILLE, NORTH CAROLINA

WEBCO HR, Inc. is seeking a Power Design Engineer for one of our clients located in McLeansville, North Carolina.

SUMMARY

As an electrical engineer for Undersea Systems, you'll be a member of a cross functional team responsible for developing Undersea Communication systems.

RESPONSIBILITIES:

REQUIREMENTS

- Requires a bachelor's degree in electrical engineering, or a related Science, Engineering or Mathematics field.
- Also requires 8+ years of job-related experience, or a master's degree plus 6 years of job-related experience.
- Department of Defense Top Secret security clearance is required within a reasonable period. Applicants selected will be subject to a U.S. Government security investigation and must meet eligibility requirements for access to classified.
- information.
- Due to the nature of work performed within our facilities, U.S. citizenship is required.
- Experience should include multiple power topology design experience from few watts to KW+ converters.
- Power System architecture and grounding Transmission Line Effects in power systems.
- Magnetics Design.
- Expert level understanding of electrical engineering computer-aided design (CAD) tools and mixed Signal circuit analysis/design.
- Solid use of electrical engineering concepts, principles, and theories Circuit Design expertise.
- Analog design and instrumentation (design and analysis).
- Power systems / Module design. Experience should include multiple power topology design experience from few watts to KW+ converters.
- Feedback / Control systems experience.
- Power System architecture and grounding Isolated Switching Converters.

- Transmission Line Effects in power systems.
- EMI test and control methods (MIL-STD-461, FCC / IDE / VDE, etc.) Magnetics Design and High-Speed Design experience is desirable.
- Strong troubleshooting ability: must be able to diagnose a problem by narrowing the point of failure sequentially through components.
- The use of specialized laboratory equipment such as spectrum analyzers, oscilloscopes, and other test equipment for development, testing, and troubleshooting.
- Experience in writing specifications, requirements, and verification procedures for complex electronic systems and components.
- Ahead of technology trends with Research & Development (R&D) experience, as well as advanced proficiency in test, troubleshooting, and analyzing circuit card schematics.
- Motivated to drive innovation around design architectures, assembly, component selection, and electronics design.
- Exceptional collaboration and communication skills with demonstrated success leading design teams for complex projects.
- Team player committed to ongoing professional development for yourself and others.
- Ability to travel as needed.

COMPENSATION:

- \$132,500 to \$160,000
- \$10,000 Signing Bonus
- Full Benefits

THE COMPANY:

Our client offers a broad portfolio of innovative products and services in business aviation; combat vehicles, weapons systems, and munitions; IT and C4ISR solutions; and shipbuilding and ship repair.

WEBCO HR, Inc. is an Equal Opportunity Employer

APPLY