POSITION TITLE: Failure Analysis Technician

POSITION LOCATION: Minden, NV

POSITION DESCRIPTION:
XP Power is a major supplier of critical power conversion technology to the medical, technology, industrial, and defense markets. XP Power is looking for a Failure Analysis Technician which involves providing root cause understanding of product returns from customers. This position is very hands-on and collaborates across multiple engineering disciplines. Duties include, but are not limited to:

- Performing product failure analysis down to component level to support RMA and customer issues
- Performing fault isolation and defect analysis/characterization on power supply to identify root causes of product failures
- Receiving, logging, and tracking all FA and RMA requests
- Driving effective root cause, corrective and preventive actions, follow up, and close loop corrective actions
- Interfacing with subcontractors and contractors and contract manufactures to identify root cause
- Providing comprehensive technical reports to customers on findings from product failure investigations
- Advise internal and external customers regarding corrective actions based on the results of the analysis
- Other duties may be assigned

PREFERRED QUALIFICATIONS:

- Bachelor’s or Associate’s degree in Electric Engineering or equivalent working experience
- Six Sigma Green or Black Belt is a plus
- Knowledge of AC-DC and DC-DC power conversion circuit topologies such as fly-back, forward, boost, buck, and buck-boost converters a plus
- Thorough understanding of analog, mixed-signal, and/or power semiconductor operational characteristics and the ability to apply fault isolation techniques at component level as well as board level
- Comfortable with lab equipment used in the characterization and design of power supplies and systems (oscilloscopes, DMMs, EMI analyzers, loads, sources, etc.)
- Proficiency in English and must have good communication skills (written and verbal)
- Ability to work in a team environment and across functional departments
- Proactive and aggressive attitude to achieve goals in a fast-paced environment
- Prior experience with switch mode power supply design or similar technology is highly desirable
- Leadership and teamwork characteristics are necessary
- Timely execution of deliverables is critical
HOW TO APPLY:
Interested candidates should send in their resume, cover letter, and salary expectation to Alexandra Galvez at vacancies@xppower.com.