

## **IDEAL POWER INC.**

Ideal Power (NASDAQ: IPWR) is pioneering the development and commercialization of its broadly patented bidirectional semiconductor power switch, creating highly efficient and eco-friendly energy control solutions for electric vehicle, electric vehicle charging, renewable energy, energy storage, UPS / data center, solid-state circuit breaker and other industrial and military applications. The Company is focused on its patented Bidirectional, Bipolar Junction Transistor (B-TRAN™) semiconductor technology. B-TRAN™ is a unique double-sided bidirectional AC switch that delivers substantial performance improvements over today's conventional power semiconductors. Ideal Power's B-TRAN™ reduces conduction and switching losses, complexity of thermal management and operating cost in medium voltage AC power switching and control circuitry. For more information, visit [www.IdealPower.com](http://www.IdealPower.com).

## **CURRENT OPPORTUNITY**

**Position Title:** Quality Manager

**Department:** Quality

**Location:** Austin, TX

## **POSITION SUMMARY**

As a Quality Manager at Ideal Power, you will play a pivotal role in ensuring the highest standards of quality throughout our semiconductor manufacturing and design processes. You will bring the experience of implementing/leading quality standards and processes at an organization level. The ability to work with different stakeholders such as engineering, business development, customers and vendors to develop and implement quality measures and processes while maintaining the high efficiency is critical for this role. Extensive knowledge of quality standards such as ISO 9001 and IATF 6949 etc. is also important. You will have the opportunity to commercialize B-TRAN and grow the quality department at the organization level.

## **ESSENTIAL DUTIES**

- Lead the development and implementation of the ISO90001 and IATF6949 quality management systems.
- Ensure compliance with industry standards and regulatory requirements.
- Engaging with both internal and external customers to drive continuous improvement initiatives, ensuring that products and processes consistently meet or exceed customer expectations.
- Collaborating with diverse engineering teams to conduct statistical analyses and establish Control Plans, fostering a data-driven approach to quality management.

- Analyzing capability studies to identify issues, providing effective solutions, and implementing corrective and preventive actions to enhance overall product and process quality.
- Leading quality investigations and addressing customer complaints, working towards the resolution of quality issues and implementing measures to prevent recurrence.
- Conducting quality audits with customers, actively participating in continuous improvement efforts, and resolving quality excursions in collaboration with stakeholders.
- Developing and managing systems for corrective and preventive actions, ensuring a proactive approach to quality management.
- Serving as a technical resource for all areas of Quality Control, offering expertise and guidance.
- Developing, implementing and reviewing the Quality Management System regularly and providing leadership with status updates, activities summaries, and suggestions for necessary improvements on a regular basis.

## **CORE SKILLS AND EDUCATION**

- BSEE degree or equivalent in Electrical Engineering, Semiconductor Device Physics, Materials, or a related field.
- 10+ years of experience in roles comparable to the position, demonstrating a background in process engineering and direct involvement in statistical process control for processes and equipment.
- Strong organizational and project/time management skills, showcasing the ability to effectively handle multiple projects and priorities concurrently.
- Familiarity with ISO 9001 Standards (or equivalent).
- Knowledge of the IATF 16949 standard.
- Flexibility and versatility to lead across various functions within the organization, influencing outcomes and setting agendas.
- Leadership capability is essential; the candidate must demonstrate the ability to lead teams rather than just manage them.
- Willingness to engage in both domestic and international travel as required by the role.
- Experience of working with customers and vendors, especially in automotive industry,