

QUALITY INNOVATION ENGINEER (Intern)

Job description

Introduction

e-TRNL Energy is a fast-growing startup based in Bangalore, focused on developing next-generation energy solutions. We're on a mission to drive innovation in battery technology while building a workplace that values collaboration, agility, and impact.

We are currently expanding our team and strengthening the foundations of our operations. We're looking for energetic professionals who thrive in dynamic environments and want to contribute meaningfully to our growth journey.

Join us at e-TRNL Energy and be part of a company that's not just building advanced technology, but also shaping a vibrant and purpose-driven culture.

Qualifications, education, skills, and/or experience

- B.E./B.Tech. in Engineering (Mechanical/Production/Industrial or relevant) or higher with a strong proficiency in fundamentals of materials, process development and optimization, and/or new technologies.
- Knowledge of metrology and GD&T methods
- Proficient with the Microsoft Office suite
- Must have inherent problem-solving skills
- Strong communication skills

Essential Duties and Responsibilities

- Design and standardize quality procedures, inspection plans, and test methods to ensure consistent product conformity.
- Validate new or modified quality control processes and implement them across relevant production stages.
- Monitor and control in-process quality during manufacturing, identify defects early, and support real-time corrective actions.
- Collaborate with R&D and production teams to integrate innovative quality practices.
- Develop and maintain PFMEA, DFMEA, and RCA reports to identify risks and drive effective quality improvements.
- Work with cross-functional teams to automate and modernize quality systems.
- Monitoring and analyzing process data, identifying trends, and proposing solutions for process improvement continuously.
- Performing process capability studies, statistical analysis, and data-driven decision-making to achieve operational excellence and meet production targets.

For more details, please visit <https://e-trnl.energy/about-us>
or write to us at careers@etrnl.energy

Job Types: Temporary

Pay: As Per Industry standards

Contract length: 6 months

Benefits: Health insurance

Office location: Whitefield, Bengaluru.