

# Barren County Economic Authority

**Job Title:** Future Analysis Engineer

**Location:** Glasgow, KY

**Position Type:** Full Time

**Shift:**

**Compensation:**

## **Job Description:**

As a Failure Analysis Engineer, you will be:

- Responsible for failure analysis of abnormal products in the factory and on the client side, complete problem analysis in a timely manner, identify product risks, and reduce customer complaints.
- Promote and follow up on quality improvement measures.
- Update and maintain lessons learned database based on customers' complaint, regularly transfer lessons learned to other departments.
- International/Domestic travel: 10%~30%.

## **Job Requirements:**

- Bachelor degree or above in Mechanical engineering, Electrical engineering, Chemistry or Engineering related majors are preferred.
- More than 2 years FA work experience or 1 year BMS work experience in the U.S.
- Understand the structure and functional principles of lithium-ion batteries and power battery systems, as well as the manufacturing process, and be proficient in the related failure mechanisms of the system involving mechanical, electrical, chemical, and thermal issues;
- Familiar with scientific engineering analysis tools, such as 8D/ FTA/ Fishbone diagram/ 5Why and strong logic thinking ability.
- Skilled in using Office software and with strong data analysis and processing capabilities.

- Understand SEM (scanning electron microscope)/ FLIR (infrared detection equipment) / ICP-AES (Inductively Coupled Plasma Atomic Emission Spectroscopy) / EIS (electrochemical impedance spectroscopy) Battery related analysis equipment principles and methods.
- Strong team work spirit, fluent English communication skills, learning ability and able to handle stress from different parties.
- Hi-Voltage Battery System Handling Certificate preferred.

**To Apply for this position: Please email resumes to [maureen@barrencoea.com](mailto:maureen@barrencoea.com)**