



PR/158337 | Sr Product Integration Engineer

Job Information

Recruiter
[JAC Recruitment Malaysia](#)
Job ID

1512420

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

January 8th, 2025 13:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

We are looking for an experienced candidate to support our new lithium-ion battery production facility in Penang, Malaysia. What an exciting time to join us on a mission to power the technologies of the future.

Job Descriptions

- Develop battery cell innovative manufacturing processes solutions and capabilities that achieves product performance goals by understanding the design space, and systematically working through design trade-offs
- Design and run well-designed experiments based on DOE methodologies on Enovix cells, coin cells, pouch cells and other test vehicles
- Test cells, analyze and summarize performance data, and use various electrochemical and materials analysis techniques to determine degradation mechanisms
- Perform FMEA and root cause analysis when necessary to achieve design and product goals

- Create and execute on project plans and drive projects to completion on schedule

- Deliver final product, data driven analyses on schedule and effectively communicate the results to various stakeholders

Job Requirements

- Bachelor's Degree in Chemical Engineering, Materials Science Engineering, Physics, Chemistry, Mechanical Engineering or related discipline required
- Demonstrated capability to effectively test cells, analyze battery test data and extract/summarize meaningful information required
- Experience in design, development, and integration of Li-Ion batteries highly desired
- Experience in electrochemical modeling, capacity fade and calendar life modeling highly desired
- Proven track-record of solving problems in the scale-up of R&D processes to high-volume manufacturing desired
- Familiarity with DOE, FMEA and 8D methodologies required

Company Description