



PR/158519 | Process Engineer

Job Information

Recruiter

JAC Recruitment Malaysia

Job ID

1521535

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

March 25th, 2025 03:00

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

Process Engineer

High reputable MNC in test and measurement system is seeking talented individuals with an innovative mindset to join their team. This is your opportunity to embrace your passion for innovation and technology and flourish in dynamic environments that value and nurture creativity.

Job Descriptions:

- Ensure that all microcircuit assembly processes (wire bonding, epoxy application, and thin-film component placement) are consistently followed and executed according to standard operating procedures (SOP).
- Monitor and track process performance to ensure stability and consistency, proactively addressing any variations or deviations.
- Continuously monitor yield metrics and resolve daily process challenges through comprehensive root cause analysis and implement effective solutions
- Work closely with R&D, Quality, and Operation teams to align on process improvements and resolve issues efficiently.
- Evaluate, optimize, and validate new process technologies to drive continuous improvement and efficiency.
- Actively contribute to operational efforts aimed at achieving best-in-class performance in cost, quality, and delivery.
- Design and implement robust process control measures to ensure the optimal performance of microcircuit assembly processes.

- Perform periodic audits of the assembly processes to identify opportunities for improvements and ensure compliance with industry regulations and standards.
- Collaborate with product development teams (R&D) to assess the manufacturability of new designs and suggest process adjustments as needed for production.

Job Requirements:

- Proficient in microcircuit assembly techniques, equipment, and best practices, ensuring optimal performance and efficiency.
- Excellent understanding of microcircuit defect criteria, enabling precise defect detection, classification, and resolution to ensure high-quality standards.
- In-depth understanding of microcircuit fabrication and assembly processes to drive improvements and troubleshoot effectively.
- Proficient in conducting (Design and Process) FMEA to identify potential failure modes and mitigate risks early in the process.
- Expertise in collaborating with design teams to optimize product designs for efficient and cost-effective manufacturing.
- Strong ability to solve complex engineering problems and make informed decisions based on data-driven insights.
- Expert in designing experiments to optimize process parameters.
- Expertise in the RCCA process to systematically identify and resolve underlying issues affecting production quality.
- Proficient in implementing advanced process control techniques to improve product yield and reduce variations.
- Expertise in the integration of automation and robotics into microcircuit assembly to improve productivity and reduce manual errors.

Apply online or feel free to contact me directly for more information about this opportunity. Due to the high volume of applicants, we regret to inform you that only shortlisted candidates will be notified. Thank you for your understanding.

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Company Description