



PR/118937 | NPI Engineering Manager (Electronic Manufacturing)

Job Information

Recruiter

JAC Recruitment Thailand

Job ID

1575540

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

March 17th, 2026 03:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Position: NPI Engineering Manager (Electronic Manufacturing)

Salary: 70,000 – 100,000THB +/- (Negotiable)

Location: Ayuthaya

Our client is big brand Electronic Manufacturing.

Key Responsibilities of the position:

- Oversee the entire NPI lifecycle, from prototype/alpha phases through Pilot Run to Full Production.
- Drive DFM (Design for Manufacturing) and DFA (Design for Assembly) reviews to identify and resolve potential production issues early in the design stage.

Process Development & Validation:

- Manage the development of SMT (Surface Mount Technology) processes, PCBA assembly, and final box-build integration.
- Lead the PFMEA (Process Failure Mode and Effects Analysis) to mitigate risks during the manufacturing setup.

Tooling & Equipment:

- Coordinate the design and procurement of production jigs, fixtures, and specialized testing equipment (ICT, FCT).

Project Management & Reporting:

- Manage NPI schedules to ensure on-time delivery of samples and pilot runs.
- Report on key NPI metrics such as First Pass Yield (FPY), NPI Cycle Time, and Project Costing.
- Continuous Improvement:
 - Lead the "Lessons Learned" sessions post-launch to improve future product cycles.
 - Oversee machine maintenance coordination and troubleshoot technical issues on the production line.
 - Control production costs by optimizing raw material usage and reducing energy consumption.
 - Assist in budgeting and CAPEX (Capital Expenditure) planning for new machinery or technology.

Qualifications

- Education: Bachelor's Degree in Electrical, Electronics, or Mechatronics Engineering.
- Experience: 8+ years in Electronic Manufacturing (EMS/OEM), with at least 3-5 years in a managerial role specifically in NPI or Process Engineering.
- Technical Skills:
 - Expert knowledge of HDD, SSD, PCBA manufacturing processes.
 - Yield Improvement.

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Company Description