



PR/095783 | Principal CMP Process Engineer

Job Information

Recruiter[JAC Recruitment Singapore](#)**Job ID**

1555469

Industry

Electronics, Semiconductor

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

August 19th, 2025 10:45

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

Company and Job Overview

We are looking for a talented Principal Engineer to join our diverse CMP team. In this role, you will be responsible for maintaining and enhancing process capability indices to achieve operational goals..

Responsibilities

Monitor process performance metrics on qualified processes and establish robust controls to sustain optimal performance

Ensure that all critical quality indices meet required standards

Drive process improvements through the application of quality tools and methodologies

Troubleshoot out-of-control conditions and determine lot disposition in out-of-spec situations

Resolve process issues, develop Corrective Action Standards (CAS), and establish procedural specifications, collaborating with other departments to develop new recipes

Oversee all SPSR, MRB, TECN statuses, and follow-up actions

Collaborate with equipment and manufacturing engineers to achieve module targets

Work closely with internal and external customers to enhance yield and quality

Promote productivity improvements via process adjustments, documentation, and leveraging process capability; partner with equipment engineers to maximize equipment efficiency

Initiate and develop new equipment processes, including process characterization and development

Perform shift duties as required

Organize and lead training sessions for AEs/Technicians to upgrade their technical skills

Qualifications & Experience:

Bachelor's degree in Electronics, Microelectronics Engineering, Chemical, Physics, Material Science, or equivalent

4 to 8+ years of relevant experience preferred for the Section Head position

A strong team player with excellent collaboration skills

Responsible, proactive, and committed to delivering quality results.

Catherine Qu
JAC Recruitment Pte Ltd
EA Personnel: R22104823
EA Personnel Name: QU QIUSHI

#LI-JACSG
#countrysingapore

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Company Description