



シンガポールの求人なら
JAC Recruitment Singapore

PR/096116 | Assembly Engineer

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1562502

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

October 21st, 2025 10:29

General Requirements

Career Level

Mid Career

Minimum English Level

None

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company and Job Overview

This is a global technology company that provides customized photonic solutions for various industries, including life sciences, advanced industrial, etc.

Responsibilities

Collaborate with Design Engineering to ensure manufacturable, high-quality new product designs, particularly in Laser/Optics assembly processes.

Champion Design for Manufacture (DFM) and develop robust testing strategies to ensure process reliability.

Lead process development and design reviews, providing technical guidance to project teams.

Prepare design packages, document manufacturing processes, and conduct risk assessments for production transfer.

Design and commission automated test systems and manufacturing tooling to ensure production readiness.

Implement process controls, support technician training, and provide recommendations for resource planning.

Escalate and resolve technical issues, including leading 8D problem-solving and readiness reviews.

Support production teams by providing engineering solutions and conducting Design of Experiments (DOE) to address production challenges.

Lead and advise on process improvement projects to enhance yield, efficiency, and waste reduction. Top of Form

Qualifications

Master's degree in Optical, Materials, Mechanical or Precision Engineering, Physics, or Chemistry; or a Bachelor's degree with a minimum of 3 years of relevant experience.

Minimum of 3 years' experience in optical/laser manufacturing, process engineering, or product development, preferably in a cleanroom environment.

Exposure to ERP (SAP) knowledge.

Proven track record in new product introduction (NPI), Design for Manufacture (DFM), and process development.

Hands-on experience in designing and commissioning automated test systems and tooling.

Experience in conducting risk assessments (health, safety, technical/process) and implementing effective process controls.

Skilled in using structured problem-solving methodologies such as Statistical Process Control (SPC), 8D, and DOE.

Demonstrated involvement in process improvement initiatives, including yield enhancement, cycle time reduction, and waste minimization.

Experience in high-tech industries such as photonics, optics, electronics, or precision manufacturing, with a preference for optical process development.

Customer-facing experience handling technical inquiries and contributing to resource planning.

Familiarity with documentation and compliance requirements, including SOPs and quality management systems such as AS9100.

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

#LI-JACSG
#countrysingapore

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

Privacy Policy Link: <https://www.jac-recruitment.sg/privacy-policy>
Terms and Conditions Link: <https://www.jac-recruitment.sg/terms-of-use>

Company Description