



マレーシアの求人なら
JAC Recruitment Malaysia

PR/161166 | Applications Engineer (Thin Film Process Technology)

募集職種

人材紹介会社

ジェイエイシーリクルートメントマレーシア

求人ID

1616130

業種

その他（メーカー）

雇用形態

正社員

勤務地

マレーシア

給与

経験考慮の上、応相談

更新日

2026年10月06日 10:34

応募必要条件

職務経験

3年以上

キャリアレベル

中途経験者レベル

英語レベル

流暢

日本語レベル

無し

最終学歴

短大卒：準学士号

現在のビザ

日本での就労許可は必要ありません

募集要項

A global technology company that develops advanced process equipment and solutions enabling innovation across the semiconductor, compound semiconductor, data storage, and scientific research industries is seeking an Applications Engineer to join its growing technical team.

In this role, you will be responsible for supporting process qualification and optimization on advanced thin-film and ion beam process platforms, conducting experiments and process evaluations, troubleshooting process-related issues, and collaborating with customers to develop and implement innovative manufacturing solutions. You will work closely with engineering, product development, service, and manufacturing teams to drive process performance improvements, support customer demonstrations, and contribute to the successful adoption of new technologies.

The ideal candidate combines strong technical knowledge of semiconductor manufacturing processes, thin-film deposition, or vacuum-based systems with excellent analytical and problem-solving skills. You are a hands-on engineer who enjoys working in both laboratory and customer-facing environments, can interpret process data effectively, and thrives in a collaborative, fast-paced technology setting. A proactive mindset, strong communication skills, and a passion for driving technical innovation are essential for success in this role.

Key Responsibilities

- Support process setup, qualification, and optimization for newly installed equipment and process technologies.

- Execute experiments, process trials, and data collection activities to evaluate and improve system performance.
- Assist in developing, documenting, and maintaining process Best Known Methods (BKMs).
- Support customer demonstrations, evaluations, and application development projects.
- Maintain a working knowledge of ion beam and thin-film process technologies, system hardware, and diagnostic methods.
- Monitor process performance and assist in resolving technical and process-related issues through structured root-cause analysis.
- Prepare technical reports, analyze experimental results, and communicate findings to engineering teams and customers.
- Support system validation and qualification activities to ensure compliance with performance requirements.
- Assist with customer training and technical knowledge transfer activities.
- Collaborate with engineering, product development, service, and manufacturing teams to drive continuous improvement initiatives.
- Identify opportunities for product enhancements and new application development aligned with core technology capabilities.

Key Requirements

- Bachelor's Degree in Engineering, Physics, Materials Science, Chemistry, or a related technical discipline.
- Minimum 2 years of experience working with thin-film technologies, vacuum systems, semiconductor equipment, or related process technologies.
- Knowledge of process development, process characterization, and engineering problem-solving methodologies.
- Strong analytical and troubleshooting skills with a structured approach to investigating technical issues.
- Excellent verbal and written communication skills in English.
- Ability to work effectively in a cross-functional and customer-facing environment.
- Self-motivated, organized, and capable of managing multiple priorities.
- Willingness and ability to travel internationally, including the United States and within the Asia region, up to approximately 30% of the time.

Preferred Qualifications

- Understanding of thin-film deposition processes and associated hardware systems.
- Experience with ion beam technologies, vacuum processes, or semiconductor manufacturing equipment.
- Experience providing process support to semiconductor customers.
- Familiarity with process characterization, statistical analysis, and data interpretation techniques.
- Experience supporting product demonstrations, process evaluations, or customer qualification activities.

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