

Consultant or Senior Consultant – Materials Failure Investigation

Company Overview

Oskefer Consulting Pte. Ltd. is a Singapore-based engineering consultancy specializing in:

- Failure analysis and forensic engineering investigations
- Risk-based design reviews, inspections, and condition assessments
- Expert witness services

Our clients include global insurers and reinsurers, law firms, OEMs, operators of complex engineering systems, and government agencies. Learn more at www.oskefer.com.

Role Overview

We are expanding our team and seeking a **Consultant or Senior Consultant/** in Materials Failure Investigation. The successful candidate will:

- Be based in Singapore, with the option to reside in Malaysia, Indonesia, or Thailand if he/she prefers to;
- Work closely with regional and international clients on high-profile forensic investigations;
- Have a clear pathway to senior or principal consultant position.

Note: Level of appointment (Consultant vs. Senior Consultant) will be determined based on the candidate's education, industry experience, and demonstrated technical competency.

Key Responsibilities

- **Technical Analysis:** Review drawings, condition-monitoring data, maintenance records, incident reports, and CCTV footage to identify failure mechanisms.
- **Site Investigations:** Plan and conduct field investigations across Southeast Asia and beyond.
- **Testing Coordination:** Liaise with third-party laboratories to define and oversee appropriate tests.
- **Reporting & Presentation:** Draft concise, evidence-based technical reports and deliver presentations to stakeholders with varying levels of technical expertise.
- **Client Engagement:** Represent Oskefer at client meetings, conferences, and industry events.
- **Internal Support:** Provide support to other consultants on materials failure cases and mentor junior consultants.

- **Business Development:** Contribute to proposals, marketing initiatives, and knowledge-sharing activities.
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Qualifications & Experience

- **Education:**
 - Master's degree in Material Science and Engineering plus ≥ 3 years' relevant industry experience; **or**
 - PhD in Materials Science and Engineering (fresh graduates encouraged to apply for the senior consultant position);
 - Bachelor's degree with extensive, directly relevant experience also considered.
 - **Technical Expertise:** Proven expertise in engineering materials—including metals, alloys, polymers, and ceramics—combined with a deep understanding of material failure modes and mechanisms, and proficiency in material testing techniques as well as interpretation of test results. Skilled in fractographic analysis to identify crack initiation sites and map propagation paths.
 - **Analytical Skills:** Strong troubleshooting and root-cause analysis capabilities.
 - **Communication:** Excellent written and oral English; additional fluency in Chinese, Malay, or Bahasa is advantageous.
 - **Adaptability:** Comfortable working under pressure, managing multiple assignments, and traveling on short notice.
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Why Join Oskefer?

- Gain exposure to complex, multidisciplinary investigations across diverse industries.
 - Accelerate your career toward a leadership role within a growing consultancy.
 - Collaborate in a dynamic, supportive team with global reach.
 - Enjoy a competitive remuneration package, including performance-based bonus.
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If you are an ambitious materials engineer with a passion for forensic investigations and a commitment to technical excellence, we invite you to apply.

How to Apply:

Please forward your CV and a cover letter to **admin@oskefer.com**. Only shortlisted candidates will be contacted.

Oskefer Consulting Pte. Ltd. is an equal-opportunity employer.