FEA Engineer

Job Information

Hiring Company
Cyient K.K.

Job ID
1552305

Industry
Machinery

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
6 million yen ~ 12 million yen

Refreshed
August 15th, 2025 13:01

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Daily Conversation

Minimum Japanese Level
Native

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Key Responsibilities:

- Perform finite element analysis (FEA) on components with design or manufacturing deviations.
- Use NX Nastran and ANSYS Workbench/Mechanical to simulate structural behavior under various loading conditions.
- Assess the impact of non-conformances on product integrity, performance, and safety.
- Support root cause investigations and provide engineering dispositions for MRB (Material Review Board) decisions.
- Collaborate with design, manufacturing, and quality teams to ensure timely resolution of issues.
- Interface with customer engineering teams to review analysis results, clarify requirements, and align on dispositions.
- Participate in technical review meetings and provide expert input on structural assessments.
- Document analysis results, assumptions, and recommendations in technical reports.
- Ensure compliance with industry standards and customer specifications.
- Continuously improve analysis workflows and contribute to knowledge sharing within the team.
- Co-ordinate with Customer on inputs, delivery and output and maintain the OTD and FTA

Required Skills:

- Proficiency in NX Nastran and ANSYS simulation tools.
- Strong understanding of stress analysis, material behavior, and failure modes.
- Experience in handling non-conformance reports and engineering dispositions.
- Ability to interpret engineering drawings and specifications.
- Effective communication and documentation skills.

Company Description