

Lead Engineer Electronics - Part Repair

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Company: ASML

Location: Beijing

Category: architecture-and-engineering

Description

Introduction to the job

Introduction

Do you have a passion for environmental waste reduction by re-using materials?

Are you a creative technical engineer with high level troubleshooting skills.

This is an excellent opportunity for you a in a fast growing department.

Job Mission

ASML, the market leader in the semiconductor lithography equipment, is looking to fill the role of Lead Engineer in the repair center in China. The mission of the repair center is to reduce waste, re-use materials and promote the circular economy. The lead engineer is the technical specialist who determines the solution direction for failing parts, and define a repair strategy.

Role and responsibilities

In this role you are responsible to determine the solution direction to repair broken service parts. This is done by analyzing the history of the part, determine the actual failure of the part, and defining the solution direction and the competences that are required to repair the part. Furthermore, a test and validation plan needs to be created to ensure that the repaired part is fully functional and meeting technical specifications.

Responsibilities:

Perform incoming inspection and confirm repairability of incoming materials

Perform root cause analysis on failure modes and determine most effective solution direction to repair the part and test functionality

Collaborate with internal global engineering teams to share knowledge, confirm root cause analysis and solution direction

Liaise with external repair partners to develop solutions to repair parts

Design repair components and provide technical guidance work to local material suppliers to build prototype components

Act as technical point of contact for the sourcing department; support technical selection and qualification of suppliers

Qualify repaired parts and validate functionality according to specifications

Support and instruct repair engineers on repair method and test strategy

Document issue resolution method and share knowledge

Secure safe repair methods; compliant to EHS standards

Education and experience

Education

Master of technical engineering. Specialized in electronics.

Experience

8+ years technical engineering in Research & Development or Design & Engineering in a technology advanced industry

Cooperation with external partners to co-develop and validate technical solutions

Stakeholder management in a complex organizational structure

Project management

Skills

Fluent English speaker

A team player with a strong personality, who inspires and motivates others

Critical to your own performance, improves behavior of yourself and others

Pragmatic approach; drive for effectiveness and efficiency

Diversity and inclusion

ASML is an Equal Opportunity Employer that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, national origin, veteran status, disability, sexual orientation, or gender identity. We recognize that diversity and inclusion is a driving force in the success of our company.

Other information

Location: The role is based in the repair center in China, Beijing

Hierarchy: The Lead Engineer reports to the Reuse Manager China

EOE AA M/F/Veteran/Disability

Need to know more about applying for a job at ASML? Read our .

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