

A background image showing a woman with long, curly brown hair looking through a microscope. A computer monitor is visible in the background.

TÜV AUSTRIA BELGIUM NV – Project Engineer Corrosion

What will you do?

As a Corrosion Engineer, you will be responsible for performing failure analyses and conducting damage mechanism reviews as part of risk-based inspection (RBI) projects.

Failure Analysis:

- You are committed to solving the failure case by conducting thorough investigations to reach an accurate assessment of the root cause and providing future recommendations.
- Perform various laboratory tests, such as metallographic examinations and SEM-EDX analyses, and compile comprehensive reports for the customer.
- Engage with a wide variety of cases from different industrial sectors, making you a crucial link for our customers in preventing future damage cases.

Risk-Based Inspection (RBI) Projects:

- Identify and catalog damage mechanisms during the Damage Mechanism Review (DMR) phase of the project.
- Assess potential failure mechanisms within the plant, providing clients with essential knowledge about the integrity of the plant.
- Determine risks for different parts of the plant and prepare detailed inspection plans for the client.

Our projects are always a team effort where our corrosion engineers collaborate with the client's maintenance, process, and inspection experts. The goal is to gather all relevant information needed for the study.

Who are you?

- You have a Master's degree or equivalent experience, preferably in the field of materials, chemistry, chemical engineering, or related areas.
- Knowledge and experience in corrosion, damage analysis, inspections, and RBI are a plus.
- You possess sharp analytical insight and are able to understand complex problems. You approach issues with an open and critical mind, enabling you to formulate thorough and effective solutions.
- You work meticulously and precisely, with attention to detail. Whether conducting laboratory research or preparing reports, you ensure your work is accurate and reliable.
- You identify what needs to be done and tackle it with enthusiasm. You are proactive in identifying problems and proposing solutions.

- You can clearly and concisely convey complex technical information, both orally and in writing. You communicate smoothly with colleagues and customers.
- You have a good command of English, both spoken and written. Knowledge of Dutch and French is a plus.

Why join us?

- **At the forefront of innovation:** we have developed our own innovation platform, Innovativ, where you can submit ideas, participate in challenges and collaborate with colleagues from over the globe to drive continuous improvements. Intrapreneurship is highly encouraged!
- **Think global, act local:** we combine global expertise with local insights to deliver solutions that are both innovative and relevant. You will be part of a global network, yet your work will directly impact the local communities and industries we serve.
- **Sustainability is deeply rooted in every aspect of our company:** Your work will help companies reduce their ecological footprint and comply with important environmental standards and regulations.
- **Our people, our most valued resource:** as a people business, our success is built on the skills, dedication and innovation of our colleagues. We invest in our team because we understand that they are our greatest assets. Your growth, safety and wellbeing are our priority.

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