

Corrosion/Materials Scientist

Fulltime

CORROSION Laboratory is looking for a corrosion/materials scientist to support and supervise contracted investigations, especially but not exclusively those regarding corrosion and fouling failure analyses.

About CORROSION Laboratory

The laboratory started in 2015 as a playground for scientific and technical support for CORROSION. Since then, it has been steadily becoming CORROSION's expertise center. Now it is a small group with the ambition to grow further, especially towards new markets beyond the traditional markets explored by CORROSION. We need an enthusiastic and knowledgeable team player for this. Would you help us achieve our goals?

As a leading member of the laboratory team, you will actively participate on the planning, execution and reporting of both internal and external projects. Since we are a small laboratory, your active participation in the execution of assignments is expected. In this way achieving an active collaboration and 'hands-on' guidance of our current staff.

We are specifically looking for a professional with reasonable (and demonstrable) experience on solving corrosion failure cases. This also includes familiarity with the various relevant analytical techniques, such as metallography and corrosion products analysis. The type of industry is not critical as long as relevant materials and electrolytes are involved. These include but are not limited to iron-based alloys, copper and aluminum alloys, exposed to different types of waters. Experience with cables and coatings used in maritime, industrial, or offshore environments is also an advantage. Experience with corrosion protection methods including cathodic protection is also desired.

More specifically, we expect you to:

- Be one of the laboratory self-standing contact points for both internal and external requests for problem solving around corrosion, corrosion protection and biofouling issues.
- Maintain good internal communication with CORROSION's engineers and technical sales regarding common issues surrounding the operation and development of corrosion protection and antifouling solutions.
- Support external project acquisition by active communication with existing and potential clients, write proposals and research plans, communicate results, and answer relevant questions.
- Work together and support laboratory staff with expertise and guidance during project execution.
- Work together with laboratory management to keep project overviews and prognosis.
- Be willing to keep up to date with new developments around corrosion research and failure analyses, as well as other relevant areas such as electrochemistry and X-ray-based analyses.

Job requirements

- Academic background: at least a bachelor's (ideally master's) degree from a recognized university in an area relevant for corrosion or materials. This could be chemical engineering, materials science, or related discipline.
- Experience with corrosion and materials issues in the maritime or offshore sector is a big plus.
- Familiarity with root cause analysis or failure analysis is a requirement.

- Common sense and intuition for engineering problem solving and familiarity with engineering terms.
- Strong communication skills (both speaking and writing).
- Fluent in both Dutch and English.

What do we offer?

We offer a full-time job with lots of variety, speed, and dynamism in a company with an informal and collegial working atmosphere. Within CORROSION you will get a permanent contract after proven suitability and plenty of opportunities to develop yourself further. If you have substantive questions about the position, please contact Felipe Leon Morales, Head of Laboratory, 079-5913295.

If you are interested in working for us, please send us your CV and covering letter. Address your e-mail to our HR manager, Marlies van de Burgt at mvdb@corrosion.nl.