



Example of Corrosion Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of corrosion engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for corrosion engineer

- Review and approve proposals and engineering conclusions/designs for step-and-touch and corrosion mitigation
- Manages and maintains the corrosion control programs, records and diagrams as required by regulations and sound business practice
- Participates with Engineering, Operations and Maintenance personnel during the design stage of projects regarding material selection and design to minimize the effects of corrosion
- Ensuring compliance with the Company design QA procedures and Company Management System
- Design, inspect and oversee the drilling of and installation of new ground beds field installation of new CP systems
- Independently conduct various field tests
- Direct the preparation of field drawings
- Working with the Maps and Records department to ensure that system maps and records are available, and of sufficient accuracy, to support Gas systems designs
- Large amount of field testing and inspection duties for Transit and Cathodic protection
- Prepare designs for grounding and bonding

Qualifications for corrosion engineer

NACE

- Able to generate a team approach to problem solving and a good communicator, both written and verbal
- Use of reporting tools like MS office etc
- Technical expertise in corrosion and electrochemistry
- Knowledge of test methodology and equipment used in evaluating environmental resistance of metallic materials
- Knowledge of physical metallurgy of metallic materials with emphasis on interactions between alloy composition, processing, microstructure and properties