

## Corrosion Engineers required for KSA

### **No of Positions : 10**

Potential candidates required for Saudi Aramco Project in KSA. Please apply if you meet job criteria and strictly follow given instructions.

Details:

No. of Positions: 10

A-Position: Corrosion Engineer (Job Code:1734 )

B-Qualification:

Bachelors' Degree in the field of Mechanical/Chemical/Metallurgical or Corrosion Engineering from reputed university

C-Experience :

- 10+ years of experience preferably in the refinery or petrochemical industry
- Thorough knowledge of engineering practices and economic principles, calculation methods and design details.
- Knowledgeable in the development of corrosion and degradation management strategies along with material selection and specification (metallic and non-metallic) in refinery and/or petrochemical environment .
- Adequate knowledge in basic petrochemical operations, manufacturing practices, cost control and personal management is required .
- Familiarity with the development and management of corrosion control documents
- Development of risk based inspection strategies .
- Optimization of materials selection and corrosion and degradation control strategies for life cycle integrity.
- Protective coating system selection and specification (optional).
- Selection or design of chemical treatment systems, including analysis and interpretation of system performance and monitoring data.
- Specify or design corrosion and process monitoring systems.
- Analyze and review corrosion chemical and process monitoring systems.
- Fitness for service and remaining life assessment (optional ).
- Identify and analyze failure modes and relate them to specific manufacturing, welding, and/or operating conditions/history .
- Lead failure investigations and develop follow-up actions. This can include formal incident reporting, LFI, changes to processes, etc.
- Can take initiative, work under pressure, must be flexible, achievement orientation and can communicate with Impact .
- Excellent English communication skills (Verbal & Written) .

D- Duties & Responsibilities:

- Prepare a schedule of work and provide direction for the preparation of designs, processes and related data for very complex engineering problems
- Prepare, review or consolidate reports of investigation or engineering studies
- Conduct analysis/investigations on all corrosion problems and metal failures taking place and

provide advice to resolve current issues and prevent future issues

- Keep abreast of corrosion problems in the industry.
- Set requirements for inspection efforts when corrosion susceptibilities are common to several units. Review inspection data and adjust requirements as needed.
- Ensure that the skills, knowledge, and technology of the discipline are properly applied and practiced.
- Manage the corrosion control document program for company. This includes development of new corrosion control documents (as applicable), as well as updates to existing corrosion control documents.
- Ensure that all corrosion parameters are being monitored. Provide second level monitoring of corrosion parameters. Work with Operations and Process Engineering to review corrosion control limits that are being exceeded.
- Maintain the revalidation schedule for corrosion control documents.
- Participate in management of change reviews.
- Participate in the selection of CML points and establishment of inspection strategies.
- Optimize CML selection consistent with RBI models and knowledge of applicable corrosion mechanisms.
- Serve as the primary contact for plant personnel on corrosion and material selection issues.
- Provide support to the Unit Inspector in developing specific inspection plans, assist with evaluation of inspection results, and recommend material changes.
- Collaborate on failure analyses performed outside laboratories.
- Conduct own failure analyses where applicable.
- Work with the Asset Integrity Engineers and Inspectors to improve the effectiveness of corrosion monitoring strategies. Review inspection results related to corrosion and recommend adjustments in inspection strategies as needed.
- Assist in specialized welding applications such as hot taps, low heat input applications, or when weld repair issues arise.
- Record significant corrosion and material reliability threats in the AIMD threats database.
- Recommend metallurgical upgrades where appropriate.
- Analyze leak trends and causes.
- Publish reports on plant leak trends and corrosion parameter compliance.

E- Offer package is given below,

Basic Salary Range: SAR 10,000/- to SR 12,000/-

Final salary will be offered during selection of candidate based on their qualification and experience

1. Work Location: Project, Saudi Arabia.
2. Job Site: Any site within the Kingdom of Saudi Arabia.
3. Reporting to: Head of Inspection Division.
4. Contract Duration: 1 year, Expandable with 2 months termination notice by either parties.
5. Probation: Three Months from the joining date.
6. Contract Status: Single.
7. Working Hours: 8 Hours per day / 6 days per week. Additional working hours will be considered as Overtime Hours.
8. Housing: Provided by Company.
9. Transportation: Provided by Company.

10. Vacation: 30 Days fully paid every 12 months. Air Ticket will be provided by the company for the principal.

11. Healthcare: Company shall provide healthcare for the principal.

F- How to apply:

Follow the important instructions strictly before apply online,

1-Must mention name of position applied for and job code in the subject line.

2-Provide at least two contact numbers, email address & Skype id in CV.

3-Candidates from Refinery or Petrochemical sector are encouraged to apply.

4-Cvs without subject & job code will not be considered.

Interested candidates who meet job criteria & accept compensation package should send updated CVs at [recruitment@mackpak.com](mailto:recruitment@mackpak.com) before 10th February, 2018.