Job Title:

Fire Alarm Design Engineer

Position Description:

Saudi Aramco is looking for a Fire Protection Engineer or Electrical Engineer with an emphasis is fire detection and alarm design systems to work in our Fire Protection area. The successful candidate who is well versed in Fire Alarm Design and Fire Alarm Systems, understanding US codes and standards will be an essential member of our Fire Prevention team protecting our company and our most important asset—our people.

This is an expatriate opportunity located in Dhahran, Saudi Arabia.

Minimum Requirements:

- B.S. degree in electronics engineering or electrical engineering as a minimum with emphasis in fire detection and alarm engineering.
- Certified as a Fire Protection Engineer or have a Professional Engineer certification.
- A minimum five (5) years’ experience in design related to fire alarm and detection with a total of fifteen (15) years of experience from the date of graduation.
- Must be fluent in both written and spoken English.
- Must have thorough knowledge of engineering practices, calculation methods, design details, using U.S./BS design codes and standards.
- Extensive experience using U.S. design codes is preferred.
- Well versed with National Electric Codes, National Fire Protection Association, and other U.S. or European codes.
- A professional attitude, pleasant personality, and dedication are desired.

Duties & Responsibilities:

- Prepare approvals of the problem solving report plans and schedules, and provide coordination and work direction as required for designs, processes, reports, correspondence, and related data; assures the efficiency, adequacy, and conformance to overall objectives of a project.
- Formulates the basis for an engineering study, project, or design in any basic or special engineering field by analyzing and evaluating all data pertinent to the assignment.
- Leads and recommends new continuous improvement solutions for installations or modifications to improve existing facilities and standardization within specific fields of endeavor.
- Estimates costs, prepares justifications, and completes expenditure requests as required.
- Supports project execution and project proposals, and initiates detailed work outlines and makes decisions as to basic processes and/or equipment. Performs work and or delegates work to other engineers and final development of specialized or technical proposals and studies of proposed projects.
- Discusses, coordinates, and resolves problems with personnel throughout Aramco and subsidiaries and with organizations outside of the company. Acts as technical consultant when required.
- Reviews the work of engineers as directed.
- Reviews work of third party, technology reports, and engineering standards.
- Leads the implementation and operation of all kind of recommended solutions.

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