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Job Description

Fire Protection Engineer-ENG00164

Description

Summary: This position provides project support and/or discipline support for various projects by researching, specifying, developing, designing, engineering and supporting construction of fire and gas detection and suppression systems. Individuals are expected to apply engineering principles, methods and techniques to the project assignments. Positions available in both Anchorage Alaska and Gulfport Mississippi offices.

ESSENTIAL DUTIES

- Researches and analyzes data such as client design proposals, specifications, and manuals to determine feasibility of design or application.
- Works with clients to develop a project's scope of work, estimates, and/or schedules.
- Reviews and approves project drawings, standards and specifications.
- Develops major equipment, material selection, and construction specifications.
- Reviews codes and client specifications.
- Uses computer assisted engineering and design software and equipment to perform engineering tasks.
- Directs and coordinates construction, installation, fabrication and/or operational testing activities to ensure services, products and/or systems conform to engineering design and client criteria.
- Ensures that all assigned activities and operations comply with applicable codes, regulations and laws.
- Evaluates field installations and applies codes and client specifications to project design.
- Coordinates activities with other project disciplines involved in fabrication, operation, application, installation or repair of various materials, products or systems.
- Provides technical direction, support and information to other specialists, engineers, designers and drafters.
- Identifies changes to scope, estimates cost and schedule impacts; presents to project management for approval.
- Consistently demonstrates professional skills in structuring assigned activities, creativity, teamwork, communications, operational efficiencies, handling of a client's changing needs, decision making, and analyzing and solving problems.
- Other duties as assigned.

Qualifications

Qualifications:

To perform this job successfully, an individual must be able to satisfactorily perform each essential duty. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Required Education/Experience:

- Degree in Fire Protection Engineering, Electrical Engineering or Mechanical engineering from an accredited institution.
- Minimum 5 years experience in the fire protection field, 10+ years experience preferred.
- EIT in Fire Protection, Licensed FPE preferred, Canadian P. Eng. desirable.
- North Slope Alaska, Alaska, Arctic, Canadian, Cold Regions, Control Systems, Fire Safety, Instrumentation, Offshore Structures, Petroleum Industry or Oil & Gas project experience preferred.

Language Ability:

1. Read, analyze and interpret technical journals, financial reports, and legal documents. 2. Write routine reports and correspondence. 3. Respond to common inquiries or complaints from customers, regulatory agencies, or members of the business community.

Math Ability:

Math skills sufficient to: 1. Add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. 2. Compute areas, volumes, rate, ratio, and percent. 3. Draw and interpret bar graphs.

Reasoning Ability:

1. Solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. 2. Interpret an extensive variety of instructions furnished in written, oral, diagram, or schedule form.

Computer Skills:

Ability to operate a keyboard and calculator by touch. To perform this job successfully, an individual should be proficient in MS Word and MS Excel, and Outlook and Access.

Work Environment:

While performing the duties of this job, the employee will be located in either the Anchorage

Alaska or Gulfport Mississippi office with occasional requirement to travel to the North Slope of Alaska.

The position requires a person that is able to travel and work in a remote location overnight or longer. The employee is occasionally exposed to work near mechanical parts; work in high, precarious places; potential exposure to toxic or caustic chemicals, and arctic weather conditions. Facilities may require climbing ladders or multiple flights of stairs. Terms of employment require the employee to abide by all safety regulations, behaviors and conditions, as required at the local or remote work locations.

The noise level in the work environment is usually high in the Process Areas and requires Hearing Protection. Work in Anchorage or Gulfport will be in an office building environment.

Physical Demands:

The physical demands described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit, use hands to finger, handle or feel, talk and hear. The employee must occasionally lift and/or move up to 10 pounds. Specific vision abilities required include close vision, color vision and ability to adjust focus. The employee is occasionally exposed to severe outside weather conditions and perhaps the risk of electrical shock. The noise level is usually quiet.

Some company locations and projects require the employee to travel to remote industrial facilities which will require the employee to fly in aircraft of various sizes and visit the production facilities where excessive noise, heat and cold temperature will be experienced.

The ability to climb ladders, stairs and traverse industrial platforms in the performance of the specialist's duties will be required.

FLSA Status: Salary

EQUAL OPPORTUNITY EMPLOYER/NANA SHAREHOLDER PREFERENCE

Job: Engineering/Design

Primary Location: US-AK-Anchorage

Other Locations: US-MS-Gulfport

Shift: Day Job

Organization: Fire & Gas

Closing Date (Period for Applying) - External: Sep 3, 2018, 3:59:00 AM

