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Background

Blue Engineering and Consulting Company (BLUE), an employee-owned engineering and consulting firm specializing in providing engineering and technical support to the liquefied natural gas (LNG) industry, is looking for an energetic, highly motivated and well-qualified Fire Protection Engineer to join our team in Ellicott City, MD.

Job Description

The team will look to you for tactical problem-solving for clients and development and review of fire protection deliverables. The ideal candidate will possess a BS or higher degree in fire protection engineering or equivalent.

Essential Functions and Job Responsibilities include:

- Perform fire protection evaluations for new and existing hydrocarbon processing facilities, with a strong focus on LNG facilities (occasional travel required).
- Develop flame and gas detection layouts using performance-based design principles.
- Design plant fire water systems and perform hydraulic calculations to specify fire water tanks, fire pumps, and other system components.
- Specify fire extinguishing systems using dry chemicals and clean agents, as well as other special hazard systems.
- Coordinate emergency response and training for plant personnel and local emergency responders.
- Perform hazard modeling for thermal radiation exposure from fires.

Qualified candidates will have experience/familiarity in most of the following areas:

- Basic understanding of the use and application of fire modeling tools,
- Basic knowledge of building codes, fire codes, NFPA standards, FM Global datasheets, and refinery/industrial API guidelines a plus,
- Excellent written and verbal communication skills,
- Ability to work methodically and analytically in a quantitative problem-solving environment and demonstrated critical thinking skills,
- Excellent organizational skills,
- Proficient computer skills (e.g., Microsoft Office Suite),
- Strong attention to detail, facilitation, team building, collaboration, organization, and problem-solving skills, and
- Demonstrated leadership skills and ability to work independently with minimal oversight.

Minimum Qualifications

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- Bachelor's degree in engineering from a recognized accredited program.
- EIT/FE certification in Fire Protection Engineering or a Professional Engineer license a plus.
- Minimum of 7 years related work experience.

The candidates must be authorized to work in the US and have a valid passport. A background check and drug test may be required as a term of employment.

Applications will be reviewed and received until the position is filled. To apply or learn more about BLUE, please visit our website at www.BlueEngineeringandConsulting.com or contact us at BlueTeam@BlueEandC.com.

Why BLUE

BLUE allows you to lend your talent and perspective to a flexible environment where you are empowered to grow and explore new possibilities. We offer competitive compensation and bonus/profit sharing, 401K match, health/dental/vision insurance, and other benefits.

At BLUE, you own your career with purpose and meaning. You are empowered to grow and explore new possibilities at every step of your career journey. Bring your big ideas knowing you are safe to be who you are and speak up with concerns or questions and put your diverse talents and perspectives to use.