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Industrial Health and Safety Engineer

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Date: Sep 26, 2022

Location: Lynchburg, VA, US

Company: BWX Technologies

At BWX Technologies, Inc. (NYSE: BWXT), we are People Strong, Innovation Driven. Headquartered in Lynchburg, Va., BWXT provides safe and effective nuclear solutions for national security, clean energy, environmental remediation, nuclear medicine and space exploration. With approximately 6,400 employees, BWXT has 12 major operating sites in the U.S. and Canada. We are the sole manufacturer of naval nuclear reactors for U.S. submarines and aircraft carriers. Our company supplies precision manufactured components, services and fuel for the commercial nuclear power industry across four continents. Our joint ventures provide environmental remediation and nuclear operations management at more than a dozen U.S. Department of Energy and NASA facilities. BWXT's technology is driving advances in medical radioisotope production in North America and microreactors for various defense and space applications. Follow us on Twitter at @BWXTech and learn more at www.bwxt.com.

BWXT is currently seeking an Industrial Safety & Health Engineer for its Lynchburg, VA location!

The Industrial Safety & Health Engineer will be performing technical evaluations associated with new facility equipment and modifications, conducting routing compliance audits, inspections, and assessments of existing plant conditions. These technical evaluations will include risk assessments and Process Hazard Analysis methodologies such as Event Tree Analysis, Failure Modes and Effects Analysis, or What-If assessments.

Job Description/Duties:

- Evaluates facility modifications to ensure compliance with applicable regulations and standards.
- Conducts studies and surveys on general plant safety and facility needs as required by OSHA regulations and keeping with established safety work practices.
- Performs written reports, technical documents and compliance reviews, and initiates appropriate corrective actions and improvement suggestions to mitigate and abate regulatory deficiencies.
- Collaborates across facility departments to ensure equipment and processes are being maintained and hazardous conditions are corrected.
- Participates in project development, reviewing design drawings for new construction, renovations and modifications to ensure compliance with code and design requirements.
- Reviews and analyzes proposed fire & life safety features to ensure compliance with design requirements and applicable codes/standards.
- Serves as the Subject Matter Expert and representative of the authority having jurisdiction (AHJ) with respect to fire protection and life safety activities.
- Facilitates compliance programs to ensure all Federal and State Safety and Health Regulations are maintained.
- Participates in Emergency Team training exercises and facility drills and emergency events.
- Prepares and issues written and verbal reports to management summarizing findings, recommendations, and corrective actions.
- Provides technical support to line management regarding the implementation of company procedures and safety requirements and principles.
- Provides leadership and consultation to coworkers, and supports Environment Safety and Health Management.
- Performs other duties as assigned.

Job Qualifications/Requirements:

- A minimum of a Bachelor's degree in Fire Protection Engineering or other applicable engineering field from an ABET-accredited university is required.
- Current registration as a Professional Engineer (PE) in Fire Protection and/or Certified Fire Protection Specialist (CFPS) is preferred.
- Must possess at least fifteen (15) years of related work experience in an industrial setting.
- Emergency response/fire suppression experience/qualifications are preferred.
- Must possess working knowledge of National Fire Protection Association (NFPA) Codes/Standards, International Building & Fire Codes, and OSHA 29CFR1910 General Industry Regulations and Standards.
- Must have working knowledge of water-based suppression systems, gaseous suppression systems, fire alarm/detection systems and passive fire protection features.
- Must have an understanding of the inspection, testing, and maintenance of fire protection systems, equipment and features.
- Must be able to demonstrate superior written, oral, and interpersonal communication skills and successfully resolve conflict.
- Must be highly self-motivated and directed, with keen attention to detail, and demonstrate the ability to work with minimal supervision.
- Ability to work in a team-oriented, collaborative environment with proven success as a problem solver, negotiator, facilitator, and decision maker is required.
- Must have demonstrable knowledge of regulatory compliance and understand the importance of maintaining accurate documentation.
- Must be able to read and understand schematics and flow diagrams.
- Ability to prioritize and execute tasks, with a high degree of accuracy, in a rapidly changing environment is required.

- Must be able to maintain confidential/personal information and materials.
- Must be a US Citizen with no dual citizenship.
- Must be able to obtain and maintain a U.S. Department of Energy (DOE) clearance.

As a federal government contractor, BWX Technologies, Inc. and any subsidiaries, affiliates and related entities (“BWXT” or the “Company”) complies with all federal, state, and local laws and customer requirements regarding COVID-19 and other health and safety protocols. As such, all BWXT new hires will be required to adhere to applicable Company COVID-19 requirements within the workplace as a condition of employment.

Applicants selected will be subject to a Federal background investigation and must meet eligibility requirements for access to classified information or matter. Position requires U.S. citizenship with (no dual citizenship) ability to obtain and maintain a Department of Energy (DOE) security clearance which involves an extensive criminal and financial background investigation, drug test and previous employment reference verifications.

BWXT supports diversity and is committed to the concept of Equal Employment Opportunity. We have established procedures to ensure that all personnel actions such as recruitment, compensation, career development, benefits, company-sponsored training and social recreational programs are administered without regard to race, color, religion, gender, national origin, citizenship, age, disability or veteran status.

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Nearest Major Market: Lynchburg

Nearest Secondary Market: Virginia

Job Segment: Nuclear Engineering, Facilities, Industrial Engineer, Compliance, Safety Engineer, Engineering, Operations, Legal

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