



ENVIRONMENTAL ENGINEER

DIVISION:	USA	JOB CODE:	2418
LOCATION:		JOB FUNCTION:	Environmental, Health & Safety
DEPARTMENT:	USA Operations	FLSA STATUS:	Exempt
REPORTS TO:	EHS Division Mgr.	EFFECTIVE DATE:	05/28/25

JOB SUMMARY

Independently develop, implement and sustain the environmental activities for US operations at assigned location(s), and provide required reporting for permitting and compliance. Collaborate with the USA Environmental, Health & Safety Division Mgr. and the sites' product and manufacturing teams to review new or changed manufacturing processes and confirm compliance with environmental requirements. Ensure compliance with all federal, state and local regulations related to environmental activities.

QUALIFICATIONS

Education/Experience

Bachelor's degree in Chemical Engineering or related discipline, plus a minimum of four (4) years of environmental regulatory engineering experience in a manufacturing environment; or equivalent combination of education and experience.

Knowledge of Pyrotek products and operations a plus.

Knowledge/Skills/Abilities

Engineering & Analytical Skills. Ability to understand chemical reactions and mass balances. Ability to evaluate environmental needs related to proposed raw material, equipment, and process changes. Ability to review and interpret technical data and develop plans for corrective actions or improvement initiatives based on reviewed data and technical knowledge. Ability to review and characterize physical properties and hazards of materials, both individually and in combination with other chemical, environmental, and process risks. Ability to perform emission calculations.

Environmental Skills. Ability to correlate chemical process reactions to reaction products, extrapolate corresponding risks, and specify and develop scopes necessary for environmental testing. Functional knowledge of environmental regulations, best practices, and standard testing methodologies. Ability to interpret test results and create systems based upon them. Ability to work with existing third-party suppliers and effectively evaluate new third-party suppliers for items related to environmental, including but not limited to testing services, training services, and equipment acquisition and services. Demonstrated track record of performing legally and ethically in a regulatory environment.

Core People Skills. Ability to positively interact and work collaboratively with a diverse group of people at all levels of the organization and across the globe. Genuine with high ethical standards and values, and personal integrity and honesty. Displays humility and adaptability. Ability to apply a large measure of common sense to a variety of situations. Entrepreneurial attitude toward work center excellence.

Communication Skills. Ability to speak clearly and persuasively in positive or negative situations, listen and obtain clarification, and respond well to questions. Proficiency in writing clearly and concisely and editing work for spelling and grammar. Ability to vary writing style to meet business needs. Ability to communicate effectively with government organizations.



Computer/Applications Skills: Proficient computer skills using a variety of software applications systems. Working knowledge of Microsoft Office Products, specifically Excel. Ability to manage large data sets using pivot tables, lookup formulas, aggregate functions, and statistical analysis. Ability to navigate and work within SharePoint, as well as accessing and effectively searching USA and State web sites environmental compliance information. Proficiency required in Visual to lead resolution of improvement initiatives, environmental activities, and in support of regulatory compliance.

Core Business Skills. Ability to exercise sound judgement and discretion in handling of proprietary and confidential information. Displays willingness to make decisions and work independently, without significant direction and to use resources effectively to “figure it out”. Strong critical thinking skills, judgment and keen attention to detail and accuracy. Ability to work collaboratively within a matrix environment. Exceptional prioritization, time management and organizational skills. Ability to write routine and confidential reports and correspondence. Highly organized, detail oriented and self-disciplined.

Professional Investment. Demonstrated commitment to personal professional development.

Travel. Ability to travel domestically by land and air, up to 20%. Valid US passport or ability to obtain.

ESSENTIAL FUNCTIONS AND RESPONSIBILITIES

1. Compile and evaluate historical environmental records, and collaborate with the USA Division EHS Manager to develop a schedule of required actions to assure and maintain regulatory compliance.
2. Coordinate, implement and monitor environmental functions for assigned USA operational sites.
3. Stay informed of evolving environmental laws, and interpret and implement as they apply to sites, processes and products.
4. Thoroughly evaluate process data, product data, and product requirements to identify areas for improvement in environmental compliance and sustainability practices, and recommend changes, as needed.
5. Initiate and perform calculations to prepare permits (air permits, RCRA (Resource Conservation and Recovery Act) waste permits, sanitary sewer permits, ad storm water permits) and reports required by new or existing legislation, revised manufacturing processes, or new processes.
6. Provide hazard assessment analyses and follow-up activities for new processes, and review existing processes for changes in equipment or new legal requirements.
7. Communicate with local and state officials concerning necessary permits, including but not limited to air permits, RCRA (Resource Conservation and Recovery Act) waste permits, sanitary sewer permits, and storm water permits; advise steps to obtain/remain in permitted compliance.
8. Conduct chemical inventories and advise on Tier II, Form R, and other state and local reporting.
9. Create subcontractor service scopes for the selection of environmental activities such as environmental site assessments, stack testing, industrial hygiene evaluations, and lab testing for various wastes, by:
 - a) Obtaining comparison pricing and contracting with suppliers.
 - b) Confirming regulatory compliance
 - c) Managing and ensuring the completion of related activities, and integrating results into Pyrotek systems.
10. Audit sites, subcontractors, and waste haulers for regulatory compliance, as necessary.
11. Interact with third party suppliers for activities supporting environmental programs, including industrial hygiene services, analytical testing services, SDS (Safety Data Sheet) sourcing, EHS subcontractors, and waste hauling and disposal services.
12. Create, update and support USA SDS system for products and processes.
13. Lead USA division and location improvement initiatives to enhance site operations in environmental areas.



14. Promote and support pollution prevention by recommending spill protection and recycling, and other positive changes in practical applications.
15. Regularly create, provide and manage site trainings to ensure awareness and compliance with environmental requirements.
16. Foster a behavioral based environmental culture characterized by accountability, commitment and teamwork, and continuously communicating Pyrotek's core values of working safely and meeting environmental regulations.
17. Promote positive team member and customer relations by supporting Pyrotek's commitment to a working environment of tolerance, acceptance and civility. Respond appropriately to inquiries, concerns and complaints by being professional, courteous and respectful at all times.
18. Maintain regular, consistent, reliable, punctual, and predictable attendance, as required to achieve internal and external customer satisfaction.
19. Actively and positively participate in problem resolution, demonstrating constructive communication, timely response and effective resolution skills. Work effectively within team environments both within your department and across the organization.
20. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.
21. Actively support compliance with all relevant ISO management system standards by ensuring environmental management systems conform to the requirements of ISO14001:2015 on selected sites and communicating importance. Ensure responsibilities and authorities for relevant roles are assigned and communicated. Report to top leadership on performance of the EMS, including environmental performance, to promote continual improvement, align with the strategic direction, and ensure the EMS achieves its intended outcomes.
22. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
23. Consistently promote and communicate Pyrotek's core values through work performance and excellent customer service.
24. Perform other tasks as assigned.

PHYSICAL/SENSORY REQUIREMENTS

The following physical activities described here are representative of those required by a team member to perform the essential functions of this position. Reasonable accommodation, if feasible, will be made to enable individuals with disabilities to perform the functions of position.

Must be able to sit for long periods-of-time, bend and reach, use stairs, lift up to 25 pounds occasionally and communicate effectively in English by telephone, in person and in writing. Effectively use a personal computer, office equipment and telephone.

WORKING ENVIRONMENT

While performing the essential responsibilities of this position, the team member will generally work in an office environment with exposure to a manufacturing environment that may present loud noise, moving mechanical parts, and fumes or airborne particles. Personal Protective Equipment (PPE) including approved footwear, respirators, and safety glasses/goggles may be required.



Team Member's Signature

Date