



POSITION SUMMARY

Under direction, ensures environmental and safety compliance with site and federal rules and regulations. Evaluates plant processes to recommend and implement improvements to reduce or eliminate occupational injuries and environmental events.

WORKING CONDITIONS

General office and sedentary, requiring extended periods of time at a keyboard or workstation. Ability to exert a moderate degree of physical effort including balancing, standing, walking and the assisted lifting of objects and materials up to 50 pounds. Ability to work in confined spaces and high areas with electrical hazards. Ability to work in confined spaces including, but not limited to: generators, transformers, breakers, tanks, wire vaults, scrubber modules, boiler, precipitator, vessels, etc. Ability to work in areas of excessive height including, but not limited to 400-foot stack, 100-foot ball field lights, support structure beams, switchyard structures, manlifts, scrubber module structures, boiler structures, precipitator structures, vessel structures, etc. and to climb into those locations with the necessary tools and safety equipment. Ability to perceive and discriminate sounds and depths. Exposure to adverse environmental conditions, such as dirt, dust, odors, humidity, temperature and noise extremes, wetness and vibrations. Specific vision abilities include close vision and distance vision with varied lighting. Use of personal computing equipment, telephone, multi-functioning printer and calculator. Manual dexterity, ability to reach, bend, and use 2-step stool while safely lifting and lowering boxes. Ability to travel to and from meetings, training sessions or other business-related events. May be required to work after hours to include weekends and holidays.

ESSENTIAL FUNCTIONS

Reviews, researches and interprets state and federal environmental regulations to determine company's required compliance and reporting of air emissions, radiation safety, hazardous waste, wastewater and storm water.

Assists with air quality, wastewater and storm water permit renewals and modifications.

Performs the quarterly linearity tests on the Continuous Emissions Monitoring System (CEMS) and mercury sorbent trap system.

Compiles data, prepares daily, monthly, quarterly and annual recordkeeping and reporting of air emissions, exceedances and permit deviations for submittal to TCEQ and EPA.

Reviews and updates the quality control and quality assurance manuals for air emission monitoring systems.

Reviews, updates and provides training on the SPCC, SWPPP and NPDES.

Prepares annual chemical data reports and Toxic Release Inventory report for submittal.

Prepares bid packages, reviews proposals and recommends contractors for environmental projects such as stack performance testing.

Performs Visual Opacity Readings in accordance with the applicable permit and prepares reports for submittal.

Performs weekly, monthly and annual plant inspections for wastewater, storm water, oil storage and chemical storage areas to monitor compliance.

Prepares reports and initiates payment of fees to ensure compliance with required regulations.

Serves as Radiation Safety Officer and conducts training for plant personnel as required.

Gathers waste chemical, wastewater and stormwater samples as required for compliance determination.

Serves as contact person for any hazardous environmental spills, leaks or accidental releases.

Coordinates and arranges chemical waste shipments.

Provides budgetary estimates for annual environmental and safety department.

Monitors pollution control equipment and recommends improvements to optimize performance and minimize chemical usage.

Tours plant to inspect fire, dust suppression, and safety equipment, machinery, and facilities to identify and corrects potential hazards and performance deficiencies while ensuring compliance with regulations.

Helps formulate and implement policies and programs to prevent injury, and improve safety and environmental compliance.

Performs other duties, tasks and special projects as assigned.

KNOWLEDGE, SKILLS & ABILITIES

Education	Experience	License & Certification	Testing	Other
<ul style="list-style-type: none"> Bachelor's Degree in Engineering or related field 	<ul style="list-style-type: none"> At least 3 years' experience in electrical industry 	<ul style="list-style-type: none"> Valid Driver License Texas Certified Visible Emission Evaluator EPA Method 9 Radiation Safety Officer Certificate 	<ul style="list-style-type: none"> Criminal background check Non DOT drug test Acceptable MVR 	<ul style="list-style-type: none"> Personal Computing Confidentiality Agreement OSHA Regulations Environmental Regulations Lock Out/Tag Out Process

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