



DISTRICT INDUSTRIAL HYGIENIST

FC: SC132
PB: G
FLSA: Exempt

PC: 890
BU: 31(AFSCME)
June 2015

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

DEFINITION

Under minimal supervision, provides technical, confidential, and professional expertise on environmental, health, and safety matters. Leads complex projects to evaluate and control employee and patron exposures to hazardous chemicals, physical or biological agents. Develops and implements trainings and programs to protect the health and safety of District employees. Recommends and approves the design of engineering control measures. Develops and implements programs to assist in complying with regulatory changes and evaluates the impact of regulations on the District. Tracks and measures programs to determine success, recommends continuous opportunities for improvement, and performs related duties as assigned.

Reports To: Chief Safety Officer and/or his designee

EXAMPLES OF DUTIES – *Duties may include, but are not limited to, the following:*

1. Administers and manages industrial hygiene work directive portion of the General Environmental Services Contract (GESC).
2. Performs complex projects to evaluate employee and patron exposures to hazardous chemical, physical agents and noise. Develops and implements programs to control hazardous exposure. Conducts audits to evaluate the effectiveness of these programs. Drafts final reports which must be capable of standing up to legal and/or labor scrutiny.
3. Initiates projects to improve the safety of District personnel and to prevent harmful exposures that could result in occupational illnesses. Trains employees on health and safety topics
4. Develops, implements and utilizes databases to track and publish pertinent health and safety information.
5. Performs accident investigations for work-related injuries and provides solutions to prevent reoccurrence. Conducts interviews, reviews available

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videos, communicates interdepartmentally, and manages resources. Investigates incidents and accidents involving exposure to hazardous chemicals.

6. Runs reports on workers compensation data to identify trends and pinpoint areas which require attention. Sends reports to Board of Directors, District management, and staff.
7. Evaluates construction contractor health and safety programs. Recommends improvements as needed.
8. Conducts studies to evaluate employee exposure to ergonomic hazards and suggests control measures and work station improvements where applicable.
9. Conducts health and safety audits and inspections at District facilities. Communicates findings to responsible persons.
10. Evaluates District procedures for use, labeling and storage of chemicals in compliance with BART, local, state, and federal regulations.
11. Provides support and expertise in the process of evaluating material safety data sheets (MSDS).
12. Administers and manages District Respiratory Protection Program, Confined Space Entry Program, Hazard Communication Program and other environmental health and safety programs as assigned.
13. Evaluates the use of respiratory protective devices in the District and makes recommendations for improvements as needed.
14. Recommends and assists in the evaluation and implementation of ventilation controls. Develops intervention strategies and implements exposure reduction solutions.
15. Performs various industrial hygiene field measurements and tasks with a high degree of proficiency.
16. Initiates emergency response procedures as needed.
17. Monitors and inspects facility operations, processes and practices to identify and prevent unsafe conditions and provide the information to management for appropriate action.
18. Produces and distributes District Wide publication on safety related subject matter.
19. Makes quality presentations to all levels in the organization.

20. Represents the District at regulatory meetings.

QUALIFICATIONS

Knowledge of:

- Methods and techniques of industrial hygiene program development and implementation.
- Techniques and theory of conducting industrial hygiene measurements and assessment.
- Environmental and safety agency regulations and codes.
- Functions and authority of these regulatory agencies.
- Academic background of health sciences, including the application of scientific theory and data.
- Prudent practices for handling hazardous materials.
- Personal protective equipment selection and use.

Skill in:

- Developing and administering industrial hygiene programs.
- Analyzing complex situations and problems and exercising sound judgment.
- Planning, prioritizing, organizing and completing multiple tasks simultaneously.
- Meeting critical deadlines. Managing time and communication effectively.
- Issuing recommendations based on studies and surveys performed.
- Preparing clear and concise written reports of results.
- Preparing correspondence. Drafting accurate reports.
- Communicating with diverse groups and audiences orally and in writing.
- Understanding the necessity of safety objectives for long term strategic planning.
- Maintaining effective working relationships with personnel contacted in the course of work.

MINIMUM QUALIFICATIONS

Education:

A Bachelors degree in industrial hygiene, biology, chemistry, physics, or a closely related field from an accredited college or university.

Experience:

Four (4) years of (full-time equivalent) verifiable professional experience as an industrial hygienist.

Other Requirements:

ABIH certification in the comprehensive practice of industrial hygiene or the equivalent.

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Must possess a valid California Driver's License (Class C) and have a satisfactory driving record.

Must have the physical capability to use a personal computer for extended periods.

Must be able to conduct audits, inspections and investigations at various locations and facilities throughout the District during all operating shifts.

Must be willing to work underground and in unpleasant conditions and such work may expose the industrial hygienist to various health and safety hazards.

Must be able to work while wearing respiratory protection in accordance with the District Respirator Program. Must be able to lift and carry up to 50 pounds.

Must be able to ascend and descend ladders.

Substitution:

Additional professional experience as outlined above may be substituted for the education on a year-for-year basis. A college degree is preferred.

EEOC Code: 02

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