

INDUSTRIAL HYGIENIST	1782	S
ASSISTANT INDUSTRIAL HYGIENIST	4423	D

DEFINITION

An Assistant Industrial Hygienist conducts field investigations of environmental conditions affecting the health and safety of students and employees; analyzes results to provide advice on corrective measures; and performs basic program management under the direction of a supervisory employee. An Industrial Hygienist is certified to perform the more complex work related to environmental health surveys; industrial hygiene program development and implementation; and plans and supervises the work of assigned employees while ensuring accurate and ethical practices.

TYPICAL DUTIES

Designs, conducts, and reports on industrial hygiene surveys and studies environmental health conditions to determine if employees, students, or the community may be exposed to unhealthful conditions.

Develops programs and investigates complaints related to environmental problems such as heat stress, noise, vibration, fumes, toxic chemicals, lighting, ventilation, asbestos, lead, and related occupational safety issues.

Prepares technical reports, including data interpretation, and recommends corrective measures to improve environmental conditions.

Develops and evaluates the effectiveness of special sampling techniques and laboratory analysis procedures for the sampling and testing of unusual health and safety conditions.

Reviews chemical, equipment and product specifications to determine potential exposure to physical or chemical stressors and makes appropriate recommendations.

Reviews applicable technical texts, journals, and State, Federal, and local regulations governing environmental health, and determines applicability and potential liability to the District.

Trains employees in the collection of air, water, and other environmental samples, and special sampling techniques.

Trains affected District staff on applicable health and safety issues.

Plans and coordinates projects, programs, and special daily assignments and activities of Environmental Health Specialists in the Safety and Industrial Hygiene Unit.

Participates in the development of systems to identify, document, and correct industrial hygiene and occupational health hazards.

Performs related duties as assigned.

An Industrial Hygienist also:

Plans, coordinates, and supervises the activities and assignments of employees who investigate occupational and environmental health conditions and collect air, water, and other environmental samples; and directly supervises the District's chemical safety programs and projects.

Develops, supervises, and provides ethical leadership in industrial hygiene and environmental health surveys and conducts the more complex and difficult surveys.

Develops or reviews complex environmental health and safety reports and serves as an approving signatory of these documents.

Acts as a liaison between the District and other governmental agencies, such as the South Coast Air Quality Management District, Cal/OSHA and the Environmental Protection Agency.

Trains supervisors and employees in the appropriate protective methods against toxic and

hazardous substances.

Provide technical expertise and leadership for the District's industrial hygiene projects, programs, and tasks.

May represent the District at hearings or meetings pertaining to industrial hygiene, occupational health, and the working environment.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

An Industrial Hygienist plans, conducts, and supervises environmental health investigations and surveys involving occupational and environmental health; makes recommendations for improvement of conditions; functions as the subject matter expert in the collection of air, water, or other environmental samples as assigned; and may supervise chemical safety projects and programs.

An Assistant Industrial Hygienist assists with planning; conducts monitoring and investigations of environmental conditions that may affect the health of students and employees; advises on corrective measures; and performs program management under the direction of a supervisory employee.

SUPERVISION

An Industrial Hygienist receives general supervision from the Environmental Health Manager, Safety and Industrial Hygiene or Deputy Environmental Health and Safety Director. General supervision is exercised over Assistant Industrial Hygienists and other environmental health personnel.

An Assistant Industrial Hygienist receives general supervision from an Industrial Hygienist or other supervisory employee. Work direction is exercised over other environmental health personnel.

CLASS QUALIFICATIONS

Knowledge of:

State, federal, and local regulations pertaining to environmental and occupational health and safety

Government organizations in relation to occupational and environmental health

Engineering principles relating to controls of health and safety hazards

Industrial hygiene sampling/monitoring equipment

Methods of recognition, evaluation, and control of environmental and occupational hazards

Toxicity of chemicals and their effects on humans

Ability to:

Apply scientifically sound methods in sample collection and analysis

Prepare reports and recommendations in a timely manner

Communicate effectively orally and in writing in a timely manner

Supervise and train employees

Respond quickly and appropriately in emergency situations

Deduce relationships between medical and environmental conditions

Work effectively with District employees and personnel from other agencies

Develop and implement EPA and Cal/OSHA required industrial hygiene programs and projects

Act as liaison with regulatory agency personnel

Special Physical Requirements:

Ability to stand, walk, bend, crawl, reach overhead, crouch, kneel, balance, push, pull, and safely lift and carry weights up to 50 pounds
Ability to work safely at heights including the use of ladders, scaffolds, and other related equipment
Ability to work safely in confined spaces
Ability to do physical work under conditions involving temperature extremes
Vision sufficient to perform site surveys and assessments
Normal color-vision to distinguish colors on maps
Normal sense of smell to detect substances such as petroleum

ENTRANCE QUALIFICATIONS

Education:

Graduation from a recognized college or university with a bachelor's degree in public health, industrial hygiene, occupational or environmental health and safety, or a closely related field.

Experience:

* years of experience identifying, evaluating, and controlling health hazards in work places, or developing, evaluating, and implementing occupational or environmental health standards.

*Assistant Industrial Hygienist- Three years

*Industrial Hygienist - Five years

A Master's degree in the above fields of emphasis may be substituted for up to one year of the required experience.

Special:

Certification as a Certified Industrial Hygienist (C.I.H.) is required for Industrial Hygienist.
A valid driver's license to legally operate a motor vehicle in the State of California and the use of a motor vehicle.

SPECIAL NOTES

1. Requires wearing a negative pressure respirator.
2. Employment is subject to medical clearance which meets pertinent provisions of the General Industry Safety Orders of the California Code of Regulations regarding protective equipment when exposed to hazardous materials including, but not limited to, asbestos or lead.
3. Employees in the class of Assistant Industrial Hygienist or Industrial Hygienist are subject to call at any hour.
4. The Certified Industrial Hygienist (C.I.H) certification must be kept valid during the term of employment for Industrial Hygienist.

The class description is not a complete statement of essential functions, responsibilities, or requirements. Entrance requirements are representative of the minimum level of knowledge, skill, and /or abilities. To the extent permitted by relevant law, management retains the discretion to add or change typical duties of a position at any time, as long as such addition or change is reasonably related to existing duties.

Revised
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