

## INDUSTRIAL HYGIENIST

### NATURE OF WORK IN THIS CLASS

Performs professional duties related to the identification, recognition, evaluation and control of occupational health hazards.

**ILLUSTRATIVE EXAMPLES OF WORK:** (Any one position may not include all the duties listed, nor do the examples cover all duties which may be performed.)

Directs or performs surveys involving the identification and evaluation of health and/or potential health hazards. Surveys entail the compliance of established health requirements; an assessment of degrees of exposures; and recommending or establishing control measures with respect to work procedures or schedules.

Reviews work practices, methods, procedures and environmental conditions for hazards to the health of employees.

Conducts sampling and monitoring studies, analyzes findings of surveys, and prepares various reports.

Identifies and evaluates potential toxicity of materials found or used at facilities and work sites.

Performs work on environmental conditions involving a variety of hazards, such as radiation, noise, heat, chemical and other environmental agents.

Performs analyses, utilizing standard methods and equipment, to determine the nature and degree of toxic substance present in variety of materials and industrial products. Determines measurements to be made and methods to be used.

Conducts training programs in the handling, use, and storage of hazardous chemicals or materials and in the prevention of occupational hazards and diseases.

Establishes priorities for the resolution of identified problems with hazardous materials and waste, requiring upper level management decisions, or additional funding needs for abatement measures.

Develops and maintains an inventory system that will identify and account for all hazardous materials/chemicals handled, used, or stored in facilities.

Establishes and implements a control system to reduce on the usage of hazardous/toxic chemicals by replacing it with less hazardous or non-hazardous substitutes.

Performs related duties as required.

### **MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:**

Knowledge of industrial hygiene concepts, principles, and practices applicable to industrial management.

Knowledge of the Hazard Communication Program.

Knowledge in coordinating and monitoring hazardous waste materials and related waste management programs.

Knowledge in the procurement, use, handling, transport, or disposal of hazardous substances.

Ability to review, evaluate and determine operational effectiveness and compliance with meeting federal and local health standards, hazardous material standards and waste management programs.

Ability to utilize training texts and various training aids.

Ability to organize and implement training programs.

Ability to evaluate and conduct assessment surveys.

Ability to work effectively with employees and the general public.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare technical reports.

### **MINIMUM EXPERIENCE AND TRAINING:**

- A. Three (3) years of progressive technical experience, plus a Bachelor's degree in Industrial Hygiene, Biochemistry, Chemistry or related science, supplemented by twelve (12)

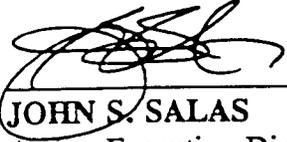
semester hours in chemistry, including organic chemistry, and eighteen (18) semester hours in any combination of the following fields: Chemistry, Physics, Engineering, Health Physics, Environmental Health, Biostatistics, Biology, Physiology, Toxicology, Epidemiology, or Industrial Hygiene; or

- B. Six (6) years of progressive technical experience supplemented by twelve (12) semester hours in chemistry, including organic chemistry, and eighteen (18) semester hours in any combination of the following fields: Chemistry, Physics, Engineering, Health Physics, Environmental Health, Biostatistics, Biology, Physiology, Toxicology, Epidemiology, or Industrial Hygiene.

**NECESSARY SPECIAL QUALIFICATION:**

Certification in any respective area of Industrial Hygiene by the American Board of Industrial Hygiene (ABIH).

Established: July 1992  
Pay Grade: L

  
\_\_\_\_\_  
**JOHN S. SALAS**  
Acting Executive Director  
Civil Service Commission