

Spec. Code: 2152  
Occ. Area: 01  
Work Area: 441  
Prob. Period: 6 mo.  
Prom. Line: none  
Effective Date: 10/20/00

## **INDUSTRIAL HYGIENIST**

### Function of Job

Under direction of a designated supervisor, to develop and implement a campus industrial hygiene program, with responsibility for managing matters related to ergonomic and health concerns related to chemical agents, air quality, thermal environment, sound, vibration and illumination, as well as asbestos and other suspected carcinogens.

### Characteristic Duties and Responsibilities

1. Evaluates the health risks on campus associated with substances and materials having toxic, allergenic, carcinogenic, teratogenic and ontogenic potential.
2. Assists in the development of campus policies and procedures regarding standard industrial hygiene practices for physical, ergonomic, biological and chemical hazards.
3. Develops and periodically revises priorities for elimination or reduction of industrial hygiene hazards.
4. Examines plans and specifications on construction and remodeling of university buildings and facilities and on equipment, for such features that require professional industrial hygiene attention.
5. Engages in liaison with appropriate governmental and voluntary agencies, other educational institutions, professions, commercial and industrial establishments and persons, to include cooperation and consultation with personnel engaged in medical management of victims of environmental hazards within the areas of industrial hygiene concern.
6. Develops and conducts educational programs for staff and students, directed at the behavior and performance modification objectives of the industrial hygiene program to include budget, staff, and equipment considerations.
7. Recommends and revises as needed as plan for the activities of the industrial hygiene program to include budget, staff, and equipment considerations.
8. Provides advice and assistance on all matters pertaining to industrial hygiene.
9. Conducts tests of air and material samples for suspected hazardous materials and analyzes and interprets results.
10. Maintains records of industrial hygiene evaluations.

- 11. Reports hazardous conditions to appropriate personnel.
- 12. Performs other related duties as assigned.

MINIMUM ACCEPTABLE QUALIFICATIONS

CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

- 1. University graduation with a major in Occupational Safety, Industrial hygiene, Environmental Engineering, Mechanical Engineering, Environmental Health, Public Health, Biology, Chemistry, Geology, or Industrial Engineering
- 2. Two years of experience in industrial hygiene, preferably in an industrial setting
- 3. Eligibility for licensure/certification as required by State and Federal agencies relative to Environmental Protection Agency (EPA) standards, Occupational Safety and health Administration (OSHA) requirements, Comprehensive Environmental Response, Compensation and Liability Act (CERLA) requirements, and Resource Conservation and Recovery Act (RCRA) regulations

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

- 1. Knowledge of regulations/requirements established by the EPA, OSHA, CERLA, and RCRA related to industrial hygiene
- 2. Knowledge of substances and materials having toxic, allergenic, carcinogenic, teratogenic and ontogenic potential
- 3. Knowledge of standard industrial hygiene practices in the handling of physical, ergonomic, biological and chemical hazards
- 4. Ability to identify potential industrial hygiene hazards