

CLASSIFICATION: INDUSTRIAL HYGIENE ENGINEER II

Class Code: 5172-25

Date Established: 07-01-50

Occupational Code: 7-5-9

Date of Last Revision: 7-17-15

Exempt Status: Exempt

BASIC PURPOSE: To supervise other industrial hygienists in anticipating, recognizing, evaluating and controlling work place health and safety hazards.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

- Reviews work of subordinate industrial hygienists before final reports are issued.
- Conducts environmental sampling surveys in the workplace to determine where hazards exists and to collect valuable data.
- Investigates reports of cases of occupational diseases, ascertains causes, and institutes corrective measures.
- Analyzes and interprets survey test results with regard to safety and health programs to prevent or correct unsafe environments, working conditions, and occupational practices and to ensure compliance with OSHA standards.
- Recommends engineering and administrative measures to reduce employee exposure to chemical, physical, and biological work hazards.
- Implements safety programs and provides health and safety training in the workplace to prevent injury and illness on the job.

DISTINGUISHING FACTORS:

Skill: Requires skill in analyzing and interpreting data, policy and procedures OR in using equipment in order to arrive at logical conclusions or recommendations.

Knowledge: Requires logical or scientific understanding to analyze problems of a specialized or professional nature in a particular field.

Impact: Requires responsibility for achieving direct service objectives by assessing agency service needs and making preliminary recommendations for the development of alternative short-term program policies or procedures. Errors at this level result in incomplete assessments or misleading recommendations causing a disruption of agency programs or policies.

Supervision: Requires direct supervision of other employees doing work which is related or similar to the supervisor, including scheduling work, recommending leave, reviewing work for accuracy, performance appraisal, or interviewing applicants for position vacancies.

Working Conditions: Requires performing regular job functions in an adverse working environment containing a combination of disagreeable elements which impact significantly upon the employee's capacity for completing work assignments. This level includes work-related accidents or assault.

Physical Demands: Requires medium work, including continuous strenuous activities such as frequent reaching, bending, or lifting as well as performing work activities which require fine manual dexterity or coordination in operating machines or equipment.

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Communication: Requires summarizing data, preparing reports and making recommendations based on findings which contribute to solving problems and achieving work objectives. This level also requires presenting information for use by administrative-level managers in making decisions.

Complexity: Requires evaluating a combination of wide-ranging job functions to determine work procedures, to solve problems, and to reach conclusions by applying analytical, technical, or scientific thinking. This level also requires planning policies and long-term strategies, drawing conclusions based on available criteria, and evaluating the effectiveness of program objectives.

Independent Action: Requires independent judgment in planning and evaluating work procedures and in supervising the development of professional, technical and managerial standards under administrative direction and according to broad departmental guidelines.

MINIMUM QUALIFICATIONS:

Education: Bachelor's degree from a recognized college or university with major study in chemical, civil, environmental or mechanical engineering or in industrial hygiene, chemistry, biology, or environmental health. Each additional year of approved formal education may be substituted for one year of required work experience.

Experience: Five years' experience as a Industrial Hygienist or in developing safety engineering programs to promote safe environmental working conditions.

License/Certification: New Hampshire driver's license.

RECOMMENDED WORK TRAITS: Thorough knowledge of the modern developments, techniques and practices of industrial hygiene engineering. Thorough knowledge of chemistry, physics, and principles of ventilation as applied to industrial health. Knowledge of state and federal laws relating to safety in the workplace. Ability to organize, supervise, and coordinate investigations involving the application of professional theory and the interpretation of relevant laws, regulations, requirements and activities. Ability to develop new and effective methods for controlling or alleviating industrial environmental conditions harmful to health. Ability to recognize unsafe health and environmental working conditions and to develop measures to correct problems. Ability to prepare and review reports of investigation. Ability to establish and maintain effective working relationships with representatives of industries, equipment manufacturers, other agencies and associates. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

DISCLAIMER STATEMENT: This class specification is descriptive of general duties and is not intended to list every specific function of this class title.