

DESCRIPTION: Under limited supervision, plans and conducts inspections related to industrial hygiene and provides consultation to employers and others to recognize and control or eliminate occupational health hazards and diseases; performs related work as assigned.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do these examples include all the duties that may be assigned.)

Conducts consultative field surveys for employers in the private or public sector where requested or required to inspect and evaluate the physical and atmospheric conditions at the place of employment.

Analyzes the findings and laboratory analysis reports of samples taken during the field surveys to identify hazardous working conditions and formulate conclusions about possible causes of and remedial actions for these hazards.

Writes technical reports to outline the findings of the field surveys, to cite specific hazardous working conditions and to recommend ways to control and eliminate these hazards.

Confers with employers to interpret applicable occupational safety and health laws and regulations, to notify them of the scope of assistance available and of their obligations and to determine their attitude toward compliance with the laws and regulations.

Advises departmental officials on the status of occupational safety and health as affected by the industrial hygiene conditions existing in the various places of employment throughout the State.

Proposes industrial hygiene procedures and practices to protect employees from work methods, processes, or hazards not previously covered by occupational safety and health laws.

Cooperates with other governmental officials both inside and outside the department to ensure implementation of comprehensive measures for controlling or eliminating hazardous working conditions.

Conducts industrial hygiene training, educational seminars, and promotional work for representatives from the private sector to provide information about and create active interest in the establishment and maintenance of proper safety and health conditions.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: the Occupational Safety and Health Act as it relates to industrial hygiene standards; common industrial chemicals, chemical by-products and the extent to which they may become health hazards; the principles of toxicology, bacteriology and physiology; organic and inorganic chemistry and the chemical composition, structure and properties of substances; the principles of ergonomics; ventilation design; typical industrial and commercial operations, processes and equipment; common industrial and occupational diseases, health hazards and toxic sources; the principles and techniques of interviewing; basic office computer software programs.

Skill in: listening to others to collect information; public speaking; summarizing information from multiple sources into a singular report.

X62670 – SAFETY INDUSTRIAL HYGIENIST (continued)

Ability to: apply State and federal occupational safety laws and regulations; communicate to exchange technical information and findings with the public, employers and employees; interact with managerial personnel, plant managers, safety directors, union representatives, employees, and the general public tactfully and courteously to foster compliance with occupational/industrial safety and health laws, rules and regulations; investigate complex problems involving the control or elimination of industrial hygiene hazards; formulate action steps to be taken in controlling or eliminating industrial hygiene hazards; present findings and recommendations; learn to use various instruments and sampling devices to collect data and perform measurements.

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need accommodation in the selection process should request this in advance.)

Bachelor's Degree in Occupational Health, Industrial Hygiene, Chemistry, Environmental Science or related field and one year experience performing occupational/industrial safety investigations or analyzing occupational/industrial safety accidents or health problems. Relevant experience or coursework/training may substitute for the educational requirement on a year-for-year basis.

SPECIAL NOTES:

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).

Positions in this class may require an employee to possess a valid driver's license or the ability to provide independent authorized transportation.

Frequent overnight and/or regular day travel outside the city of residence may be required of incumbents in this job class.