Occupational Safety and Health Consultant I
Industrial Hygienist
Division of Labor Standards
Starting Salary: $1,654.00 - $1,716.00

Special Requirement:
** Applicant must possess a minimum of 12 credit hours in Chemistry including Organic Chemistry**

Job Duties Include:
- Assists in making comprehensive safety and health hazard evaluations of all general industry, construction industry, and indoor/outdoor environments, including office buildings and factories in the State of Missouri.
- Conducts opening conferences with employers to introduce the services offered by the Division of Labor Standards’ On-Site Safety and Health Consultation Program.
- Consults with employers on the existence, utilization, and/or operating condition of powered mechanical ventilation devices, personal safety equipment and procedures, noise abatement equipment and procedures, safety data sheets, hazardous chemical correction, and safety and health programs.
- Conducts physical surveys and interviews employers, employees, and other potentially exposed individuals to determine possible sources of safety and health hazards.
- Studies work operations and processes to get full details of the nature of the work, materials, and equipment used.
- Collects samples from office buildings and other workplaces to determine the presence of toxic substances and other potential hazards in accordance with the requirements of the Occupational Safety and Health Act (OSHA).
- Determines the magnitude of exposure or nuisance to workers; selects or devises methods and instruments suitable for measurements; and studies and tests materials associated with the work operation.
- Evaluates buildings' ventilation systems for possible deficiencies; provides technical advice on remedial action.
- Interprets results of the examination of the work environment in terms of the degree of hazard present; its potential to impair workers' safety, health, and/or efficiency; and its ability to cause community nuisance and/or damage.
- Presents a technical report to appropriate interested parties detailing specific conclusions and recommendations that will allow the reduction or correction of hazards found.
- Determines the need for, or effectiveness of, control measures and recommends procedures which will be suitable and effective for their achievement.
- Interprets occupational safety and health laws, rules, and regulations; determines compliance with safety and health laws.
- Conducts closing conferences with management to discuss identified violations and/or deficiencies; recommends corrections.
- Conducts basic informal safety and health training for employers.
- Reviews facility site-specific safety and health programs required by OSHA.
- Performs duties under general administrative direction.
- Performs other related work as assigned.
Required Skills:

- Introductory knowledge of sampling and direct measuring techniques for gas, vapor, dust, noise, and radiation.
- Introductory knowledge of microbiology, radiology, physiology, and chemistry.
- Introductory knowledge of common diseases and health hazards related to indoor environments and industrial occupations, and of their possible sources.
- Introductory knowledge of the standard types of machinery and equipment used in industrial and commercial establishments.
- Introductory knowledge of OSHA and the applicable regulations of the Environmental Protection Agency as they relate to workplace safety and health.
- Ability to analyze problems of environmental hazard reduction and arrive at sound decisions regarding action to be taken.
- Ability to prepare, analyze, and interpret technical reports and criteria documents on exposure limits.
- Ability to operate and maintain detection and measurement apparatus.
- Ability to express thoughts and ideas clearly and concisely.
- Ability to establish and maintain effective working relationships with plant managers, safety directors, employees, and the public.
- Ability to travel as required by work assignments.

Eligibility:
(The following minimum qualifications will determine merit system eligibility and may be used to evaluate applicants for Missouri Uniform Classification and Pay System positions not requiring selection from merit registers.)

A Bachelor’s or higher level degree from an accredited college or university in Industrial Hygiene, Industrial Safety, Occupational Health, Environmental Health, Public Health, Toxicology, Bio-Engineering, or Chemistry with a minimum of 12 credit hours in Chemistry including Organic Chemistry.

OR

Certification as a Certified Industrial Hygienist (CIH) by the American Board of Industrial Hygiene or as a Certified Safety Professional (CSP) by the Board of Certified Safety Professionals.