

INDUSTRIAL HYGIENIST 2

KIND OF WORK

Professional industrial hygiene work.

NATURE AND PURPOSE

Under general supervision, performs investigative work to ensure enforcement of occupational health and safety standards; performs related work as required.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Inspects places of employment to detect health hazards, including those caused by airborne contaminants, toxic substances, and harmful physical agents, by observing the work environment, interviewing employees, executing standard tests, such as collecting and analyzing chemical samples, taking noise measurements, and comparing findings to established occupational health and safety standards.

Determines methods of correction and penalties for health and safety violations to include in written reports submitted to the employer and the Department of Labor and Industry by considering previous findings in routine situations or through discussions with senior investigators in less routine situations.

Writes narrative reports detailing occupational health and safety investigation findings so that violations will be corrected; uses established report writing format.

Testifies at hearings, when findings are challenged, to present evidence and testimony using notes compiled from case files.

Presents lectures on industrial hygiene topics to provide staff and professional groups with current information; researches topic and prepares reference handouts and presentation outline.

Answers questions from the public relating to occupational health and safety matters, so that they are correctly informed; researches information and provides both written and verbal responses.

Examines field test equipment to ensure that it is functioning properly by performing standard tests.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Industrial hygiene principles and practices sufficient to conduct routine health and safety investigations and, in the process, detect any unusual circumstances.

Physiology, chemistry, physics, engineering, medicine and biochemistry sufficient to recognize and evaluate health and safety hazards in the work place.

Minnesota and federal occupational health and safety standards sufficient to determine violations.

Sampling equipment sufficient to collect a wide variety of samples.

Industrial hygiene issues sufficient to respond to general questions from the public.

Ability to:

Write narrative technical reports and correspondence simplifying technical information requested by the public.

Use mathematical equations to evaluate data.

Calibrate sampling equipment.

Read and comprehend technical literature.

Address groups on industrial hygiene matters.

SPECIAL WORK CONDITIONS

Incumbents in this class travel as much as 50% of the time. As much as half of their travel time may require overnights.

Est.: 4/85T.C.:
Ckd.: 11/92
Rev.:

Former Title(s):