

**INDUSTRIAL HYGIENE SERIES
GS-6/11**

DESCRIPTION OF WORK

This series includes all classes of positions the duties of which are to advise on, administer, supervise, manage, or perform professional and scientific work in industrial hygiene, including the identification and evaluation of conditions affecting the health and efficiency of employees, or the citizens of the adjacent community, the formulation and recommendation of measures to eliminate or control occupational health hazards, and the promotion of occupational health programs for instructing and motivating managers and employees in the prevention as well as correction of potential health hazards.

EXPERIENCE REQUIREMENTS

Minimum Requirements:

1. Degree: industrial hygiene; or a branch of engineering, physical science, or life science that included 12 semester hours in chemistry, including organic chemistry, and 18 additional semester hours of courses in any combination of chemistry, physics, engineering, health physics, environmental health, biostatistics, biology, physiology, toxicology, epidemiology, or industrial hygiene. Courses in the history or teaching of chemistry are not acceptable.

OR

2. Combination of education and experience -- at least 12 semester hours of course work in chemistry, including organic chemistry, and 18 additional semester hours as specified in A above, plus appropriate experience or additional education.

Evaluation of Education: All science or engineering courses offered in fulfillment of the above requirements must be acceptable for credit toward the completion of a standard 4-year professional curriculum leading to a bachelor's degree in science or engineering at an accredited college or university.

Evaluation of Experience: Qualifying experience may have been obtained in field, laboratory, engineering, or other environment if the work provided a means of obtaining a professional knowledge of the theory and application of the principles of industrial hygiene and closely related sciences such as physics and engineering controls. Such work must have involved experience in all of the following areas: the acquisition of quantitative and qualitative data, and the measurement of exposures for a variety of chemical, physical, and biological stresses; the analysis of the data acquired and the prediction of probable effects of exposures on the health and well-being of workers; and the selection and recommendation of appropriate controls, including management, medical, engineering, education or training, and personal protective equipment.

Specialized Experience:

GS-06 - Must have at least 1 year experience equivalent to GS-05.

GS-07 - Must have at least 1 year experience equivalent to GS-06.

GS-08 - Must have at least 1 year experience equivalent to GS-07.

GS-09 - Must have at least 1 year experience equivalent to GS-08.

GS-10 - Must have at least 1 year experience equivalent to GS-09.

GS-11 - Must have at least 1 year experience equivalent to GS-10.

Quality of Experience – Length of time is not of itself qualifying. Candidates' experience should be evaluated on the basis of duties performed rather than strictly on the rank of the individual; however, established compatibility criteria/assignments must be followed. The applicant's record of experience, training, and education must show possession of the knowledge, skills, and abilities needed to fully perform the duties of the position to be filled.

Substitution of Education for Specialized Experience – None

Military Requirements – Military skill set is determined by AFSC/MOS requirements. Upon selection, individuals must be assigned to a compatible military AFSC/MOS in accordance with statutes and National Guard Bureau regulations and must obtain/maintain all requirements of the AFSC/MOS. Specific requirements are found in: references listed below, NGB Compatibility tables and your local Personnel section.

****Other Requirements*** – For positions requiring the operation of motor vehicles, candidates must have a valid state driver's license for the state in which they live or are principally employed.

For positions requiring a security clearance (Secret or Top Secret) the applicant must possess or be able to obtain a clearance within one year of appointment.

References

Position Description, Classification Release

Old NGB Qualification Standard

For Army – DA Pamphlet 611-21

For Air Force – AFOCD and AFECD

OPM Classification Standards