

Specification for Class of

INDUSTRIAL SAFETY ENGINEER

Abolished 9/15/06

Definition: Writes State safety regulations and codes, regional directives and variances in the Technical Services Section of the Industrial Safety and Health Division; or supervises a program of Voluntary Compliance in a regional or geographical area. Supervises and coordinates the activities of a regional team consisting of industrial hygienists and safety education representatives. Performs surveys of employers' work places and advises on methods and procedures to eliminate hazardous conditions and practices; or is the statewide specialist in the development of Safety Engineering training programs.

Typical Work

Supervises, coordinates and manages a team of industrial hygienists and safety education representatives in training and consultation activities;

Coordinates with the Regional Safety Administrator and the District Manager concerning the activities of the voluntary compliance team activities in his/her respective region or geographical area;

Examines equipment, products and materials submitted to provide an opinion regarding code compliance; reviews construction plans for safety factors necessary to protect workers and public;

Makes surveys of industrial plants and other places of work to eliminate hazardous conditions and practices;

Prepares and gives talks to labor, management or other groups on matters pertaining to industrial safety;

Interprets safety regulations for company officials, safety engineers, workmen, labor representatives, safety inspectors, and others interested in industrial safety;

Writes and revises safety regulations and codes based on information and requests submitted by interested persons and on new working techniques, processes or materials;

Performs other work as required.

Knowledge and Abilities

Knowledge of: engineering principles, methods and techniques as applied to industrial safety; laws and rules governing industrial insurance and safety requirements; materials selection and testing.

Ability to: arrive at equitable decisions based on facts and engineering principles; use sound independent judgment on difficult safety engineering problems; understand and interpret safety regulations for various industrial fields, determine from engineering drawings what safety precautions are necessary to prevent accidents; establish and maintain effective working relationships with labor and management.

Minimum Qualifications

A Bachelor's degree involving a major study in safety engineering or closely allied field.

AND

One year of professional experience in engineering, safety inspection, safety education, or industrial hygiene.

A valid Washington State Engineer-in-Training certificate may be substituted for education.

Additional qualifying experience may be substituted, year for year, for education.

Revised November 1, 1968

Revises minimum qualifications

Revised December 1, 1970

Revises typical work and code change (from 6085)

Revised April 13, 1979

Revises definition

Revised August 10, 1979

Revises definition

Revised August 15, 1986

Revises definition and minimum qualifications