

ALASKA

STATUTES : (2)

TITLE 45. TRADE AND COMMERCE - Chapter 45.50 – COMPETITIVE PRACTICES, REGULATION OF COMPETITION, CONSUMER PROTECTION

TITLE 18. HEALTH, SAFETY, HOUSING, HUMAN RIGHTS, AND PUBLIC DEFENDER

<u>Terms</u>	<u>References</u>
Industrial Hygiene	7
Industrial Hygienist	3
Certified Industrial Hygienist - CIH	5
Certified Associate Industrial Hygienist	0
Construction Health and Safety Technician – CHST	0
Industrial Hygienist in Training - IHIT	5
AIHA Lab Accreditation Program	0
American Industrial Hygiene Association - AIHA	0
American Board of Industrial Hygiene - ABIH	2
American Conference of Governmental Industrial Hygienists – ACGIH	2
Occupational Health and Safety Technologist – OHST	0
Associate Safety Professional – ASP	0
Certified Safety Professional – CSP	0
Board of Certified Safety Professionals – BCSP	0

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RULES AND REGULATIONS: (3)

ALASKA ADMINISTRATIVE CODE:

PART 4 OCCUPATIONAL SAFETY AND HEALTH DIVISION CHAPTER 61 OCCUPATIONAL SAFETY AND HEALTH:

ARTICLE 8 ASBESTOS ABATEMENT CERTIFICATION 8 AAC 61.680. MINIMUM INSTRUCTOR QUALIFICATIONS

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Article 11 OCCUPATIONAL SAFETY AND HEALTH STANDARDS 8 AAC 61.1110 ADDITIONAL HAZARD COMMUNICATION STANDARDS

Terms

References

Industrial Hygiene	0
Industrial Hygienist	2
Certified Industrial Hygienist - CIH	2
Certified Associate Industrial Hygienist	0
Construction Health and Safety Technician – CHST	0
Industrial Hygienist in Training - IHIT	0
AIHA Lab Accreditation Program and related	0
American Industrial Hygiene Association - AIHA	0
American Board of Industrial Hygiene - ABIH	2
American Conference of Governmental Industrial Hygienists – ACGIH	2
Occupational Health and Safety Technologist – OHST	0
Associate Safety Professional – ASP	0
Certified Safety Professional – CSP	0
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ALASKA STATUTES

<http://www.legis.state.ak.us/basis/statutes.asp#45.50.477>

ALASKA CODIFIED LAWS

Title 45. TRADE AND COMMERCE

Chapter 45.50 COMPETITIVE PRACTICES, REGULATION OF COMPETITION, CONSUMER PROTECTION

Sec. 45.50.477. Use of titles relating to industrial hygiene.

(a) A person may not use the title "**industrial hygienist**," the initials "**I.H.**," another term that includes the phrase "**industrial hygiene**" or similar words, or represent to the public that the person is an **industrial hygienist**, unless the person has a baccalaureate or graduate degree in **industrial hygiene**, biology, chemistry, engineering, physics, or a closely related physical or biological science from a college or university accredited by a national or regional accreditation association recognized by the Council on Recognition of Postsecondary Accreditation, or a degree based on equivalent academic training, and has acquired competence in **industrial hygiene** through special studies or work experience sufficient to provide the person with the ability and competence to

(1) anticipate and recognize the environmental factors and stresses associated with work and work operations and to understand their effects on people and their well-being;
(2) evaluate, on the basis of training and demonstrated work experience and with the aid of quantitative measurement techniques, the magnitude of the factors and stresses identified under (1) of this subsection in terms of their ability to impair human health and well-being; and

(3) prescribe methods to prevent, eliminate, control, or reduce the factors and stresses identified under (a) of this subsection when necessary to alleviate their effects.

(b) A person may not use the title "**industrial hygienist in training**," the initials "**I.H.I.T.**," another term involving the phrase "**industrial hygienist in training**" or a variation of those words, or represent to the public that the person is an **industrial hygienist in training**, unless the person is certified as an **industrial hygienist in training** by the **American Board of Industrial Hygiene**.

(c) A person may not use the title "**certified industrial hygienist**," the initials "**C.I.H.**," another term involving the phrase "**certified industrial hygienist**" or a variation of those words, or represent to the public that the person is a **certified industrial hygienist** unless the person is certified as a **certified industrial hygienist** by the **American Board of Industrial Hygiene**.

(d) A state or local government agency may not prohibit or restrict the practice of **industrial hygiene** by a qualified individual who complies with this section except to the extent that a state statute allows the agency to regulate a specific activity that may be

included in the practice of **industrial hygiene**.

(e) In this section, "**industrial hygiene**" means the science and practice devoted to the anticipation, recognition, evaluation, and control of environmental factors and stresses arising in or from the workplace that may cause illness, impaired health or well-being, or significant discomfort among workers and may also affect persons outside the workplace.

ALASKA STATUTES

<http://www.legis.state.ak.us/basis/statutes.asp#18.60.105>

ALASKA CODIFIED LAWS

Title 18. HEALTH, SAFETY, HOUSING, HUMAN RIGHTS, AND PUBLIC DEFENDER

ARTICLE 02. SEARCH AND RESCUE

Article 02. SEARCH AND RESCUE

(a) Except as provided in (b) of this section, in AS 18.60.010 - 18.60.105,

(1) "be exposed" means to ingest, inhale, or absorb through the skin or eyes a substance or physical agent, or fumes or other potentially harmful aspect of a substance or physical agent;

(2) "commissioner" means the commissioner of labor and workforce development;

(3) "department" means the Department of Labor and Workforce Development;

(4) "employee" means a person who works for an employer;

(5) "employer" means a person, including the state and political subdivisions of the state, who has one or more employees;

(6) "OSHA" means the federal Occupational Safety and Health Administration;

(7) "physical agent" means a physical agent that exceeds the threshold established in the 1986-1987 edition of "Threshold Limit Values for Chemical Substances and Physical Agents in the Work Environment" published by the American Conference of Governmental Industrial Hygienists;

(8) "suitable protective equipment" includes such personal protective equipment as is required by regulation issued under this chapter;

(9) "toxic or hazardous substance"

(A) includes

(i) a chemical listed in 29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances, "General Industry Standards", Occupational Safety and Health Administration;

(ii) a chemical listed in "Threshold Limit Values for Chemical Substances and Physical Agents in the Work Environment", American Conference of Governmental Industrial Hygienists (Latest Edition);

(iii) a substance for which an OSHA form 20 or equivalent information is required under OSHA regulations; and

(iv) a substance determined by the department, in accordance with AS 44.62

(Administrative Procedure Act), to be a health hazard to an employee who is exposed to the substance, including a carcinogen, reproductive toxin, irritant, corrosive, sensitizer, hepatotoxin, nephrotoxin, neurotoxin, agent that acts on the hematopoietic system, agent that damages the lungs, a cutaneous hazard, and an eye hazard;

(B) does not include

- (i) substances that because of their physical state, volume, or concentration do not pose a health hazard upon exposure;
 - (ii) substances that are goods, food, drugs, cosmetics, or tobacco products intended for personal consumption; or
 - (iii) substances in transit;
- (10) "transit" means conveyed in a sealed or unopened container by a mode of transportation.
- (b) In AS 18.60.030(14), 18.60.065 - 18.60.068, and (a)(9) of this section,
- (1) "employee" means a person who works for an employer, but not in a place used primarily as a personal residence;
 - (2) "employer" means a person, including the state and a political subdivision of the state, who has one or more employees working in a place not used primarily as a personal residence;
 - (3) "health hazard" means a substance or physical agent capable of causing acute or chronic adverse effects to health;
 - (4) "workplace" means a place of employment other than a place used primarily as a personal residence.

ALASKA RULES/REGULATIONS

<http://www.legis.state.ak.us/basis/folioproxy.asp?url=http://www.jnu01.legis.state.ak.us/cgi-bin/folioisa.dll/aac/query=industrial+hygiene/doc/{@1}?firsthit>

Part 4 Occupational Safety and Health Division Chapter 61 Occupational Safety and Health Article 8 Asbestos Abatement Certification 8 AAC 61.680. Minimum instructor qualifications

- (a) An instructor of a training program that certifies persons under 8 AAC 61.720 must
- (1) be an **industrial hygienist** who
 - (A) is **certified** by the **American Board of Industrial Hygiene**; or
 - (B) has asbestos field experience doing air and bulk asbestos sampling and has made written recommendations to an employer or organization on at least three occasions, regarding the abatement of asbestos health hazards; or
 - (2) have education and experience that includes
 - (A) at least
 - (i) five days of Asbestos Hazard Emergency Response Act (AHERA) Supervisor/Contractor training at an asbestos training course recognized by the U.S. Environmental Protection Agency, that includes training on the subjects and procedures described in 8 AAC 61.700; and
 - (ii) two years of experience in asbestos abatement work, asbestos abatement training, or a combination of the two; or
 - (B) at least five years of experience as a safety professional.
- (b) Repealed 9/27/2008.
- (c) Nothing in this section prevents a person who does not meet the requirements of this section from assisting a qualified instructor in conducting a training course, except that the qualified instructor must be present at all times during the training course. The initial training course must have a minimum of two qualified instructors that meet the qualifications under (a)(1) or (a)(2) of this section. The renewal training course may have only one instructor qualified under (a)(1) or (a)(2) of this section.
- (d) The department will, in its discretion, require proof that an instructor meets the minimum qualifications described in (a) of this section.
- (e) In this section,
- (1) "**industrial hygienist**" means a person who has a bachelor of science degree in an environmental or health-related science, with training in chemistry and toxicology, and at least two years of experience in industrial health;
 - (2) "safety professional" means an individual who, by virtue of specialized knowledge and skill, has achieved professional status in the safety field.

History: Eff. 10/1/85, Register 96; am 2/7/86, Register 97; am 9/10/99, Register 151; am 9/27/2008, Register 187

Authority: AS 18.31.020 AS 18.31.200

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<http://www.legis.state.ak.us/basis/folioproxy.asp?url=http://www.jnu01.legis.state.ak.us/cgi-bin/folioisa.dll/aac/query=industrial+hygiene/doc/{@1}?firsthit>

Part 4 Occupational Safety and Health Division

Chapter 61 Occupational Safety and Health

Article 9 Painting Certification

8 AAC 61.840 Minimum instructor qualifications

- (a) An instructor of a training course approved under 8 AAC 61.800 - 8 AAC 61.890 must be a person who
- (1) has at least five years' experience in applying paints, including at least one year of experience in applying hazardous paints;
 - (2) has provided instruction for at least five years in the abatement of health hazards, including instruction in engineering controls and personal protective equipment;
 - (3) is an **industrial hygienist** with at least five years' experience or is **certified** by the **American Board of Industrial Hygiene**; or
 - (4) has at least five years of experience as a safety professional.
- (b) Nothing in this section prevents a person who does not meet the requirements of this section from assisting a qualified instructor in conducting a training course, except that the qualified instructor must be present at all times during the training course.
- (c) The department will, in its discretion, require proof that an instructor meets the minimum qualifications in (a) of this section.
- (d) In this section,
- (1) "**industrial hygienist**" means a person who has a bachelor of science degree in an environmental or health-related science with training in chemistry and toxicology, and specific training and experience in occupational health hazards, their recognition, abatement, and control;
 - (2) "safety professional" means a person who, by virtue of specialized knowledge and skill, has achieved professional status in the safety field.

History: Eff. 5/14/89, Register 110

Authority: AS 18.63.040 AS 18.63.060

ALASKA RULES/REGULATIONS

<http://www.legis.state.ak.us/basis/folioproxy.asp?url=http://www.jnu01.legis.state.ak.us/cgi-bin/folioisa.dll/aac/query=!22american+conference+of+governmental+industrial+hygienists!22/doc/{@1}?firsthit>

Part 4 Occupational Safety and Health Division

Chapter 61 Occupational Safety and Health

Article 11 Occupational Safety and Health Standards

8 AAC 61.1110 Additional hazard communication standards

(a) In addition to the requirements set out in 29 C.F.R 1910.1200, as amended, an employer shall have a physical agent data sheet for each physical agent present in the employer's workplace.

(b) Each physical agent data sheet must be in English and must contain at least the following information:

(1) the name of the physical agent;

(2) a description of the physical agent;

(3) the health hazards of the physical agent, including signs and symptoms of exposure, and any medical conditions that are generally recognized as being aggravated by exposure to the physical agent;

(4) the permissible exposure limit established by these regulations or **American Conference of Governmental Industrial Hygienists** threshold limit value;

(5) whether the physical agent is a or a potential carcinogen;

(6) any generally applicable precautions or safety procedures;

(7) any generally applicable control measures, such as appropriate engineering controls, work practices, or personal protective equipment;

(8) appropriate emergency or first aid procedures related to exposure to the physical agent;

(9) the date of preparation of the physical agent data sheet or the date of the last change to the sheet;

(10) the name, address, and telephone number of the person responsible for the preparation and distribution of the physical agent data sheet.

(c) Physical agent data sheets may be kept in any form, including in a manual of operating procedures, and may be designed to cover groups of physical agents in a work area where it may be more appropriate to address the hazards of an entire process rather than of individual physical agents. The physical agent data sheets must be readily accessible during each work shift to employees at their work areas.

(d) Upon an employee's request, an employer must provide a copy of the most recent physical agent data sheet or equivalent written information for a physical agent to which the employee may be exposed. If the copy or information requested by the employer

under this subsection is not made available, the employer shall take measures to assure that employees are not exposed to the physical agent to which the copy or information pertains until the copy or information is made available to the employee. This subsection does not alter, deny, or abrogate any legal right an employee may have to refuse to work under hazardous circumstances.

(e) Upon request of the employee, the designated representative of the employee, or the commissioner, the employer must readily make available to the representative or the department physical agent data sheets in the same manner that records must be made available under AS 18.60.067 .

(f) An employer must comply with the following posting, information, and training requirements:

(1) a poster that contains the provisions of AS 18.60.065 - 18.60.068 must be displayed at the work site; a poster meeting this requirement is available from the department, but an employer may use any poster that meets this requirement;

(2) material safety data sheets, physical agent data sheets, or equivalent information for each toxic or hazardous substance and physical agent to which an employee may be exposed in the work place must be posted;

(3) instead of posting the information required under (2) of this subsection, an employer may post a list of the chemical name and product name of each toxic or hazardous substance and physical agent to which an employee may be exposed in the workplace, together with an identification of a location, in or near the workplace and accessible to employees, where an employee may inspect the material safety data sheets, physical agent data sheets, or equivalent information at any time during the work shift;

(4) an employer must provide employees with information and training on physical agents in their work area at the time of their initial assignment and whenever a new physical agent is introduced into their work area.

(g) In this section,

(1) "physical agent" means heat stress, cold stress, hand-arm (segmental) vibration, ionizing radiation, lasers, noise, radio frequency and microwave radiation, or ultraviolet radiation which exceeds the threshold established in the 1995-1996 edition of *Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices in the Work Environment* published by the American Conference of Governmental Industrial Hygienists (ACGIH);

(2) "physical agent data sheet" means written or printed material concerning a physical agent that is prepared in accordance with (b) of this section.

History: Eff. 12/6/95, Register 136

Authority: AS 18.60.020 AS 18.60.030 AS 18.60.075