

PHYSICAL HAZARDS AND HAZARDOUS PRACTICES. IT IS RECOGNIZED THAT PUBLIC HEALTH WILL BE SERVED BY THE REGULATION OF THE ADMISSION TO AND PRACTICE OF THE INDUSTRIAL HYGIENE AND SAFETY PROFESSIONS AS PROVIDED FOR IN ARTICLE ONE HUNDRED THIRTY OF THIS TITLE. THIS ARTICLE APPLIES TO THE PROFESSIONS OF INDUSTRIAL HYGIENE AND SAFETY. THE GENERAL PROVISIONS CONTAINED IN ARTICLE ONE HUNDRED THIRTY OF THIS TITLE APPLY TO THIS ARTICLE.

S 7251. DEFINITIONS. AS USED IN THIS ARTICLE THE FOLLOWING TERMS SHALL MEAN AS FOLLOWS:

1. "INDUSTRIAL HYGIENE" SHALL MEAN THE SCIENCE AND PRACTICE DEVOTED TO THE ANTICIPATION, RECOGNITION, EVALUATION AND CONTROL OF THOSE ENVIRONMENTAL FACTORS AND STRESSES ARISING IN OR FROM THE WORKPLACE THAT MAY CAUSE SICKNESS, IMPAIRED HEALTH AND WELL-BEING, OR SIGNIFICANT DISCOMFORT AMONG WORKERS AND MAY ALSO IMPACT THE GENERAL COMMUNITY.

2. "CERTIFIED INDUSTRIAL HYGIENIST", "CIH", OR "C.I.H." SHALL MEAN A PERSON MEETING THE EDUCATION, EXPERIENCE, EXAMINATION, CONTINUING EDUCATION, AND CODE OF ETHICS REQUIREMENTS ESTABLISHED BY THE AMERICAN BOARD OF INDUSTRIAL HYGIENE, WHICH INCLUDES HAVING BEEN GRANTED A CERTIFICATION NUMBER AND A CERTIFICATE IN THE PRACTICE OF INDUSTRIAL HYGIENE.

3. "AMERICAN BOARD OF INDUSTRIAL HYGIENE", "ABIH" OR "A.B.I.H." SHALL MEAN THE PENNSYLVANIA NON-PROFIT CORPORATION PROVIDING NATIONAL CERTIFICATION TO CERTIFIED INDUSTRIAL HYGIENISTS, WHOSE PURPOSE IS TO IMPROVE THE PRACTICE AND EDUCATIONAL STANDARDS OF THE PROFESSION OF INDUSTRIAL HYGIENE.

4. "SAFETY PROFESSION" SHALL MEAN THE SCIENCE AND ART CONCERNED WITH THE PRESERVATION OF HUMAN AND MATERIAL RESOURCES THROUGH THE SYSTEMATIC APPLICATION OF PRINCIPALS DRAWN FROM SUCH DISCIPLINES AS ENGINEERING, EDUCATION, PSYCHOLOGY, PHYSIOLOGY, ENFORCEMENT, AND MANAGEMENT FOR ANTICIPATING, IDENTIFYING AND EVALUATING HAZARDOUS CONDITIONS AND PRACTICES; DEVELOPING HAZARD CONTROL DESIGNS, METHODS, PROCEDURES AND PROGRAMS; AND MEASURING, AUDITING, AND EVALUATING THE EFFECTIVENESS OF HAZARD CONTROLS AND HAZARD CONTROL PROGRAMS.

5. "CERTIFIED SAFETY PROFESSIONAL", "CSP" OR "C.S.P." SHALL MEAN A PERSON MEETING THE EDUCATION, EXPERIENCE, EXAMINATION, CONTINUING EDUCATION, AND CODE OF ETHICS REQUIREMENTS ESTABLISHED BY THE BOARD OF CERTIFIED SAFETY PROFESSIONALS, WHICH INCLUDES HAVING BEEN GRANTED A CERTIFICATION NUMBER AND A CERTIFICATE IN THE PRACTICE OF THE SAFETY PROFESSION.

6. "BOARD OF CERTIFIED SAFETY PROFESSIONALS", "BCSP", OR "B.C.S.P." SHALL MEAN THE NON-PROFIT CORPORATION PROVIDING NATIONAL CERTIFICATION TO CERTIFIED SAFETY PROFESSIONALS.

7. "OCCUPATIONAL SAFETY AND HYGIENE PROFESSIONAL", "OSHPP", OR "O.S.H.P." SHALL MEAN A PERSON LICENSED UNDER THIS ARTICLE TO PRACTICE THE INDUSTRIAL HYGIENE AND SAFETY PROFESSIONS.

S 7252. PRACTICE OF THE INDUSTRIAL HYGIENE AND SAFETY PROFESSIONS. ONLY PERSONS LICENSED OR OTHERWISE AUTHORIZED UNDER THIS ARTICLE SHALL PRACTICE THE INDUSTRIAL HYGIENE AND SAFETY PROFESSIONS OR USE TITLES OR CERTIFICATIONS TO SUGGEST QUALIFICATION OR COMPETENCE AS AN INDUSTRIAL OR OCCUPATIONAL HYGIENIST OR OCCUPATIONAL SAFETY PROFESSIONAL.

S 7253. STATE BOARD FOR INDUSTRIAL HYGIENE AND SAFETY. A STATE BOARD FOR INDUSTRIAL HYGIENE AND SAFETY SHALL BE APPOINTED BY THE BOARD OF REGENTS ON RECOMMENDATION OF THE COMMISSIONER FOR THE PURPOSE OF ASSISTING THE BOARD OF REGENTS AND THE DEPARTMENT ON MATTERS OF PROFESSIONAL LICENSING AND PROFESSIONAL CONDUCT IN ACCORDANCE WITH SECTION SIXTY-FIVE HUNDRED OF THIS TITLE. THE BOARD SHALL BE COMPOSED OF NOT LESS THAN FIVE LICENSED OCCUPATIONAL SAFETY AND HYGIENE PROFESSIONALS. AN EXECUTIVE

1 SECRETARY TO THE BOARD SHALL BE APPOINTED BY THE BOARD OF REGENTS ON THE
2 RECOMMENDATION OF THE COMMISSIONER, AND SHALL BE LICENSED AS AN OCCUPA-
3 TIONAL SAFETY AND HYGIENE PROFESSIONAL. BOARD MEMBERSHIP SHALL REPRESENT
4 A BALANCE OF SAFETY AND INDUSTRIAL HYGIENE PRACTICE.

5 S 7254. REQUIREMENTS FOR LICENSE AS AN OCCUPATIONAL SAFETY AND HYGIENE
6 PROFESSIONAL. TO QUALIFY AS A LICENSED OCCUPATIONAL SAFETY AND HYGIENE
7 PROFESSIONAL, AN APPLICANT SHALL FULFILL THE FOLLOWING REQUIREMENTS:

8 1. APPLICATION. FILE AN APPLICATION WITH THE DEPARTMENT;

9 2. EDUCATION. HAVE RECEIVED AS A MINIMUM A BACHELORS DEGREE IN:
10 INDUSTRIAL HYGIENE, SAFETY, OR CHEMISTRY, OR PHYSICS, OR CHEMICAL ENGI-
11 NEERING, OR MECHANICAL ENGINEERING, OR SANITARY ENGINEERING, OR CIVIL
12 ENGINEERING, OR BIOLOGY, OR TOXICOLOGY, OR EPIDEMIOLOGY OR OTHER APPRO-
13 PRIATE DEGREE FROM AN INSTITUTION ACCREDITED BY ONE OF THE BODIES RECOG-
14 NIZED BY THE COMMISSION ON HIGHER EDUCATION AND ACCREDITATION, AND
15 ACCEPTABLE TO THE BOARD IN ACCORDANCE WITH THE COMMISSIONER'S REGU-
16 LATIONS;

17 3. EXPERIENCE. DOCUMENT FIVE YEARS OF FULL TIME EMPLOYMENT AS AN
18 INDUSTRIAL HYGIENIST AND/OR SAFETY PROFESSIONAL WHO BY VIRTUE OF HIS OR
19 HER KNOWLEDGE, SKILL, EDUCATION AND TRAINING HAS ACQUIRED ACCEPTED
20 COMPETENCY IN SAFETY AND HYGIENE IN ACCORDANCE WITH THE COMMISSIONER'S
21 REGULATIONS;

22 4. EXAMINATION. PASS AN EXAMINATION ACCEPTABLE TO THE BOARD AND IN
23 ACCORDANCE WITH THE COMMISSIONER'S REGULATIONS. THE COMMISSIONER'S REGU-
24 LATIONS SHALL ACCEPT CERTIFICATION FROM A NATIONALLY RECOGNIZED PROFES-
25 SIONAL SAFETY OR HYGIENE ORGANIZATION ACCREDITED BY THE NATIONAL COMMIS-
26 SION ON CERTIFYING AGENCIES OR THE COUNCIL OF ENGINEERING AND SCIENTIFIC
27 SPECIALTY BOARDS SUCH AS THE AMERICAN BOARD OF INDUSTRIAL HYGIENE AS A
28 CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFICATION BY THE BOARD OF CERTI-
29 FIED SAFETY PROFESSIONALS AS A CERTIFIED SAFETY PROFESSIONAL IN LIEU OF
30 THE NEED FOR COMPLETION OF ANY OTHER EXAMINATION, EXPERIENCE, OR EDUCA-
31 TIONAL REQUIREMENTS. ANY EXAMINATIONS ESTABLISHED BY THE BOARD AND THE
32 COMMISSIONER SHALL BE EQUIVALENT TO THE CERTIFICATION EXAMINATIONS OF
33 THE AMERICAN BOARD OF INDUSTRIAL HYGIENE AND THE BOARD OF CERTIFIED
34 SAFETY PROFESSIONALS.

35 WITHIN TWO YEARS OF THE EFFECTIVE DATE OF THE COMMISSIONER'S REGU-
36 LATIONS, INDIVIDUALS PROVIDING DOCUMENTATION VERIFYING FIVE OR MORE
37 YEARS OF INDUSTRIAL HYGIENE OR SAFETY PROFESSIONAL PRACTICE ACCEPTABLE
38 TO THE BOARD IN ACCORDANCE WITH THE COMMISSIONER'S REGULATIONS SHALL BE
39 ACCEPTED AS HAVING FULFILLED THE EDUCATION, EXAMINATION, AND EXPERIENCE
40 REQUIREMENTS FOR A LICENSE AS AN INDUSTRIAL HYGIENIST OR SAFETY PROFES-
41 SIONAL. FOLLOWING THIS TWO YEAR PERIOD ALL NEW APPLICANTS SHALL FULLY
42 COMPLY WITH ALL EDUCATION AND EXAMINATION REQUIREMENTS OF THIS ARTICLE;

43 5. CONTINUING EDUCATION. DOCUMENT COMPLETION OF CONTINUING EDUCATION
44 PROGRAMS IN ACCORDANCE WITH THE COMMISSIONER'S REGULATIONS WHICH SHALL
45 BE ADEQUATE TO MAINTAIN COMPETENCY IN THE AREA OF ACTUAL PRACTICE, AND
46 WHICH SHALL BE EQUIVALENT TO THE CERTIFICATION MAINTENANCE PROCEDURES
47 ESTABLISHED BY THE AMERICAN BOARD OF INDUSTRIAL HYGIENE OR THE BOARD OF
48 CERTIFIED SAFETY PROFESSIONALS. MAINTENANCE OF A.B.I.H. CERTIFICATION
49 AS A CERTIFIED INDUSTRIAL HYGIENIST, OR MAINTENANCE OF B.C.S.P. CERTIF-
50 ICATION AS A CERTIFIED SAFETY PROFESSIONAL SHALL BE CONSIDERED ACCEPTA-
51 BLE CONTINUING EDUCATION;

52 6. AGE. BE AT LEAST TWENTY-ONE YEARS OF AGE;

53 7. CHARACTER. BE OF GOOD MORAL CHARACTER AS DETERMINED BY THE DEPART-
54 MENT.

55 S 7255. LIMITED PERMITS. ON THE RECOMMENDATION OF THE BOARD, THE
56 DEPARTMENT MAY ISSUE A LIMITED PERMIT TO PRACTICE INDUSTRIAL HYGIENE OR

1 AS A SAFETY PROFESSIONAL TO AN INDUSTRIAL HYGIENIST OR SAFETY PROFES-
2 SIONAL NOT A RESIDENT OF THIS STATE NOR HAVING ESTABLISHED PLACE OF
3 PRACTICE IN THIS STATE, WHO IS A CERTIFIED INDUSTRIAL HYGIENIST OR
4 CERTIFIED SAFETY PROFESSIONAL, OR WHO IS QUALIFIED TO PRACTICE IN HIS OR
5 HER OWN COUNTRY OR STATE, AND WHO SUBMITS SATISFACTORY CERTIFICATIONS AS
6 TO CHARACTER AND QUALIFICATIONS. LIMITED PERMITS SHALL BE ISSUED SOLELY
7 IN CONNECTION WITH THE SPECIFIC PROJECT FOR WHICH SUCH A LIMITED PERMIT
8 IS GRANTED.

9 1. A LIMITED PERMIT ISSUED UNDER THIS SECTION SHALL APPLY TO NO MORE
10 THAN AN AGGREGATE OF THIRTY DAYS IN ANY CALENDAR YEAR, WHICH MAY
11 COMMENCE ON THE DATE THE APPLICATION IS SUBMITTED UNLESS THE APPLICANT
12 HAS HAD A PREVIOUS APPLICATION FOR A LIMITED PERMIT REJECTED OR A PREVI-
13 OUS LICENSE AS AN OCCUPATIONAL SAFETY AND HYGIENE PROFESSIONAL REVOKED.
14 THE PERMIT SHALL SPECIFY THE DATES WITHIN THE CALENDAR YEAR WHEN SUCH
15 RIGHT MAY BE EXERCISED.

16 2. IN LIEU OF A LIMITED PERMIT, A NON-RESIDENT OF THE STATE MAY CHOOSE
17 TO SUBMIT A FULL APPLICATION FOR PRACTICE AS AN OCCUPATIONAL SAFETY AND
18 HYGIENE PROFESSIONAL.

19 S 7256. EXEMPT PERSONS. THIS ARTICLE SHALL NOT BE CONSTRUED TO AFFECT
20 OR PREVENT THE FOLLOWING, PROVIDED THAT NO TITLE, SIGN, CARD OR DEVICE
21 SHALL BE USED IN SUCH MANNER AS TO TEND TO CONVEY THE IMPRESSION THAT
22 THE PERSON RENDERING SUCH SERVICE IS A LICENSED OCCUPATIONAL SAFETY AND
23 HYGIENE PROFESSIONAL.

24 1. PRACTICE OF INDUSTRIAL HYGIENE OR SAFETY AS AN EMPLOYEE OF A FEDER-
25 AL, STATE, COUNTY OR MUNICIPAL AGENCY OR PUBLIC EMPLOYER, PROVIDED THAT
26 SUCH PRACTICE IS LIMITED TO WORK PERFORMED FOR THESE EMPLOYERS.

27 2. PRACTICE OF INDUSTRIAL HYGIENE OR SAFETY BY AN EMPLOYEE OF A
28 PRIVATE COMPANY PROVIDED THAT SUCH PRACTICE INVOLVES ONLY WORK PERFORMED
29 FOR THAT COMPANY AND THAT COMPANY'S EMPLOYEES.

30 3. USE OF TITLES OR DEGREE INITIALS BY INDIVIDUALS HAVING COMPLETED
31 PROGRAMS FROM ACCREDITED ACADEMIC INSTITUTIONS OR OTHER PROGRAMS ACCEPT-
32 ABLE TO THE BOARD AND IN ACCORDANCE WITH THE COMMISSIONER'S REGULATIONS.

33 4. EMPLOYMENT OF ANY PERSON AS A JUNIOR ASSISTANT, OR INDUSTRIAL
34 HYGIENIST IN TRAINING, OR ASSOCIATE SAFETY PROFESSIONAL, PROVIDED THAT
35 SUCH INDIVIDUALS ACT UNDER THE GENERAL DIRECTION OF, AND ARE SUBJECT TO
36 REGULAR TECHNICAL PERFORMANCE REVIEW BY, A LICENSED OCCUPATIONAL SAFETY
37 AND HYGIENE PROFESSIONAL.

38 5. PRACTICE OF INDUSTRIAL HYGIENE OR SAFETY BY INDIVIDUALS AS AN OFFI-
39 CER OR EMPLOYEE OF A CORPORATION SOLELY ENGAGED IN INTERSTATE COMMERCE.

40 6. PRACTICE AS AN OCCUPATIONAL SAFETY AND HYGIENE PROFESSIONAL IN THIS
41 STATE BY ANY PERSON NOT A RESIDENT, NOR HAVING ESTABLISHED PLACE OF
42 PRACTICE IN THIS STATE, OR ANY PERSON RESIDENT IN THIS STATE BUT WHO HAS
43 ARRIVED IN THIS STATE WITHIN SIX MONTHS, PROVIDED, HOWEVER, SUCH A
44 PERSON HAS FILED AN APPLICATION FOR A LICENSE AS AN OCCUPATIONAL SAFETY
45 AND HYGIENE PROFESSIONAL, AND WHO IS A CERTIFIED INDUSTRIAL HYGIENIST OR
46 A CERTIFIED SAFETY PROFESSIONAL OR WHO IS LEGALLY QUALIFIED TO PRACTICE
47 IN THE STATE OR COUNTRY IN WHICH HE OR SHE HAD A PLACE OF RESIDENCE OR
48 PRACTICE, AND HAS NOT HAD A PREVIOUS APPLICATION FOR LICENSURE OR A
49 LIMITED PERMIT REJECTED OR A PREVIOUS LICENSE AS AN OCCUPATIONAL SAFETY
50 AND HYGIENE PROFESSIONAL REVOKED. SUCH EXEMPTION SHALL CONTINUE ONLY FOR
51 SUCH REASONABLE TIME AS THE BOARD REQUIRES TO GRANT OR DENY THE APPLICA-
52 TION FOR LICENSE. A PERSON INTENDING TO PRACTICE UNDER THIS SUBDIVISION
53 SHALL SO STATE ON THE APPLICATION.

54 S 7257. SPECIAL PROVISIONS. 1. NO ACT, REGULATION OR ORDER SHALL
55 RESTRICT THE PRACTICE OF THE INDUSTRIAL OR OCCUPATIONAL HYGIENE OR SAFE-
56 TY PROFESSIONS AS AUTHORIZED BY THIS ARTICLE.

1 2. EVERY LICENSED OCCUPATIONAL SAFETY AND HYGIENE PROFESSIONAL SHALL
2 HAVE A SEAL WHICH SHALL CONTAIN THE WORDS "OCCUPATIONAL SAFETY AND
3 HYGIENE PROFESSIONAL" AND SUCH OTHER WORDS OR FIGURES AS THE BOARD MAY
4 DEEM NECESSARY. THE SEAL MAY BE USED TO STAMP REPORTS AND DRAWINGS WHICH
5 RELATE TO THE PRACTICE OF THE INDUSTRIAL HYGIENE AND SAFETY PROFESSIONS.
6 S 2. This act shall take effect on the first of January next succeed-
7 ing the date on which it shall have become a law.

INDUSTRIAL HYGIENIST (Time-Based)

APPENDIX A

O*NET CODE 19-5011.00

This training outline is a minimum standard for Work Processes and Related Instruction. Changes in technology and regulations may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

Approximate Hours

A. Workplace Orientation

100

1. Maintain compliance with all standards of the New York State Department of Labor (Department).
2. Understand and apply Department policies, rules, procedural regulations, directives, and office policies.
3. Understand and apply Federal and State occupational safety and health standards and regulations.
4. Demonstrate proper use of Department equipment and resources (such as: office equipment; state vehicles; etc.).
5. Demonstrate customer service skills (e.g., problem solving, attentiveness, patience, and attention to detail).
6. Exhibit professionalism when dealing with employers and maintain Department and employer privacy.

B. Conducting Inspections

1000

1. Prepare equipment or supplies necessary to conduct an inspection.
2. Conduct employer history search, and research applicable industry practices and safety measures.
3. Travel to construction sites, industrial plants, and other facilities to perform inspections.
4. Conduct on-site inspections of private and public sector employers to ensure compliance with New York State's occupational health laws and regulations, and to identify potential safety and health hazards in the workplace.
5. Inspect facilities to ensure they comply with safety and health regulations and coordinate corrective action.

6. Conduct interviews with management and employees to assess workplace safety and health conditions, and to determine any exposure to hazards.
7. Investigate safety and health-related complaints reported by employees.
8. Investigate safety and health-related incidents and accidents (including fatalities) to determine their cause and develop strategies to prevent future incidences.
9. Conduct onsite Division of Safety and Health (DOSH) form completion and engage in abatement assistance and the closing conference:
 - a. Take field notes, review documentation, and complete required forms.
 - b. Assist the employer with abatement options and ensure abatement occurs.
 - c. Inform employer, union representatives, and employees of their rights, and conduct a closing conference.
10. Participate in informal conferences, follow-up conferences, and litigation, as necessary.

C. Safety Awareness

150

1. Observe and implement appropriate actions to maintain a safe environment, in accordance with Department policies and procedures, and to identify hazards to reduce or eliminate them.
2. Understand the use of appropriate safety equipment, such as proper clothing and personal protective equipment (PPE).
3. Ensure that all required PPE (such as gloves, safety goggles, helmets, safety shoes, and protective clothing) are being worn, used, and maintained according to manufacturing guidelines, and company, Department, and government regulations.
4. Inspect protective gear and safety equipment to determine whether it provides adequate protection from hazards, and that equipment is properly fitted, worn, and maintained.

D. Worksite Assessments

800

1. Perform site visits and observations to identify safety and health hazards in the workplace.
2. Evaluate workplace procedures to determine safety compliance.

3. Identify safety and health exposures, and how worksite hazards impact worker health.
4. Inspect ventilation, exhaust, and lighting systems at workplaces to determine the level of exposure to employees and the community and make determinations for controls or remediation.
5. Utilize the Material Safety Data Sheet (MSDS) to identify chemical hazards, and their risks to workers.
6. Learn the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, and that hazardous substances in the workplace are required to have appropriate warnings and identification labels.
7. Identify workplace exposures to health risks (such as air contaminants, and chemical, biological, physical, ergonomic, and biomechanical hazards), and that the level of worker risk depends on the degree and length of exposure.
 - a. Recognize the components of air contaminants (gas and vapor contaminants, and particulate contaminants (which include dusts, fumes, mists, aerosols, and fibers)), and their impact on worker health.
 - b. Understand the various chemical hazards (which come in the form of solids, liquids, gases, mists, dusts, fumes, and vapors) and the health risks through accidental inhalation, absorption, or ingestion.
 - c. Identify biological hazards, such as viruses and fungi, and their potential health impact.
 - d. Learn the effects of physical hazards on workers, which can include electromagnetic radiation, noise, vibration, illumination, temperature, and radiant heat exposure.
 - e. Recognize the impact of ergonomic hazards (such as lifting, holding, pushing, walking, and reaching), and how they can be controlled or diminished through a well-designed environment.
 - f. Inspect work environments for potential biomechanical hazards (such as frequent heavy lifting, manual work, repetitive movements, prolonged stress positions, and uncomfortable body postures) and their potential impact on bones, joints, and muscles; assess how work assignments can be redesigned to avoid or mitigate these impacts.

E. Hazard Prevention and Controls

500

1. Evaluate health and safety hazards to determine workplace exposures, assess risks, and develop a control plan.
2. Conduct workplace surveys to evaluate safety and health hazards and make recommendations for corrections or remediation.
3. Recognize the importance of implementing proper workplace controls (such as: following proper procedures that minimize exposure to safety and health hazards; ensuring equipment is properly maintained; that workplaces are properly supervised, and employee schedules are designed to minimize exposure to hazards; etc.).

F. Record Keeping

150

1. Document occupational health programs, policies, and procedures.
2. Maintain records and prepare reports on findings, recommendations, and any corrective actions.
3. Prepare case file documentation and inspection reports, including observations, analysis of hazards or contaminants, and recommend citations or corrections.

G. Workplace Recommendations

150

1. Evaluate employer actions to reduce and eliminate hazards.
2. Collaborate with management and employees to address health and safety concerns and provide recommendations for improvement.
3. Work closely with employers to establish controls and implementation of corrective measures for hazardous and potentially hazardous conditions.
4. Provide advice to management and employees on issues pertaining to industrial hygiene.

H. Safety and Health Training

150

1. Monitor safety programs and policies and adjust them as necessary.
2. Participate in educational meetings to instruct employees in matters pertaining to health and safety, and the prevention of accidents.

3. Develop or assist with monitoring programs to minimize employee exposure to health hazards.
4. Develop educational materials and assist with providing training on proper safety procedures and practices.
5. Work with management to develop health programs to recognize, eliminate, and control health and safety hazards.

Approximate Total Hours 3000

Apprenticeship work processes are applicable only to training curricula for apprentices in approved programs. Apprenticeship work processes have no impact on classification determinations under Article 8 or 9 of the Labor Law. For guidance regarding classification for purposes of Article 8 or 9 of the Labor Law, please refer to <https://dol.ny.gov/public-work-and-prevailing-wage>

INDUSTRIAL HYGIENIST

APPENDIX B

RELATED INSTRUCTION

Safety

1. Use of Personal Protective Equipment (PPE)
2. Fire Prevention Safety
3. First Aid and CPR (6.5 hours)
4. All Applicable OSHA, DOSH, and Department Regulations, Standards and Rules
5. Right-to-Know/Safety Data Sheets (SDS)
6. Material Safety Data Sheets (MSDS)
7. OSHA Hazard Communication Standard
8. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

Trade Science

1. OSHA Training Institute courses, as required.
2. Chemistry
3. Biology
4. Toxicology
5. Physical Space/Environment
6. Ergonomics
7. Biomechanics
8. Exposure Risks
9. Safety and Health Risks
10. Engineering and Non-Engineering Controls
11. Equipment Maintenance and Operation
12. Health Hazard Evaluation and Testing
13. Air Sampling
14. Air Ventilation Systems
15. Other OSHA/DOSH Related Training Courses, as required.
16. Other topics, as approved.

Trade Theory

1. Safety and Health-Aspects of Occupations and Work Environments
2. Safety and Health Hazards
3. Industrial Processes
4. Worker Safety and Health Education
5. Hazard Communication

Job Skills

1. Computer Skills
2. Verbal and Written Communication Skills
3. Time Management Skills
4. Interpersonal Relationships
5. Customer Service
6. Public Speaking Skills

A minimum of 144 hours of Related Instruction is required for each Apprentice each year.

Appendix B topics are approved by New York State Education Department.