



AMERICAN INSTITUTE
OF SAFETY PROFESSIONALS

● PROFESSIONAL PROGRAM



PROGRAM CODE • 3004

30-HOUR GENERAL INDUSTRY SAFETY & HEALTH

APPLIED LEVEL

Build applied safety knowledge across the full range of hazards found in industrial workplaces.

23

Courses in one program

30

Contact hours

70%

Pass mark, final online exam

COURSE OVERVIEW

An applied program that provides expanded safety and health knowledge for people working across general industry environments.

The program addresses a wide range of workplace hazards, safety systems and preventive practices, including hazardous materials, machine safeguarding, lockout/tagout, powered industrial trucks, confined spaces, welding, ergonomics and emergency planning. Scenario-based eLearning reflects both routine and higher-risk industrial conditions.

Aligned with OSHA 29 CFR 1910 at an applied, non-supervisory level, the program reinforces the role of hazard communication, job hazard analysis, safety programs and employee training in reducing incidents. It prepares participants to contribute meaningfully to their workplace safety program.

CORE COMPETENCIES



Analyze job hazards

JHA and safety and health program elements



Manage chemical risks

HazCom, hazardous materials and industrial hygiene



Control machinery & energy

Machine guarding, lockout/tagout and electrical safety



Operate safely

Powered trucks, welding and materials handling



Work in controlled spaces

Confined spaces and walking-working surfaces



Prepare for emergencies

Action plans, fire protection and exit routes

WHO IT'S FOR

Experienced workers

Maintenance personnel

Production staff

Equipment operators

Warehouse personnel

Contract workers

Ideal for workers who need in-depth industrial safety knowledge without formal supervisory authority.

AT A GLANCE

23

Courses

30

Contact hours

70%

Pass mark

PROGRAM OUTCOMES

Deepens

hazard recognition

Supports

safety program implementation

Reduces

workplace incidents

Strengthens

emergency preparedness



WHAT YOU'LL LEARN

Twenty-three courses build applied knowledge of hazard communication, machinery and energy control, industrial hygiene, emergency preparedness and safety program implementation.

23 Courses

5 Learning tracks

30 Contact hours

#	COURSE TITLE	CODE	DURATION
 FOUNDATIONS & PROGRAMS TRACK 01 • 8 HRS			
01	Introduction to OSHA	2033	1 hr
02	Safety and Health Program	2092	2 hrs
03	Managing Safety and Health – General Industry	2065	2 hrs
04	Safety Trainings for Managers and Workers	2057	1 hr
05	Job Hazard Analysis (JHA)	2015	2 hrs
 CHEMICAL & HEALTH HAZARDS TRACK 02 • 7 HRS			
06	Hazards Communication 29 CFR 1910.1200	2051	1 hr
07	Introduction to Hazardous Materials	2090	2 hrs
08	Introduction to Industrial Hygiene	2025	2 hrs
09	Bloodborne Pathogens in the Workplace	2069	1 hr
10	Ergonomic Hazards in General Industry	2060	1 hr
 MACHINERY & ENERGY TRACK 03 • 6 HRS			
11	Machine Safeguarding	2061	1 hr
12	Controlling Hazardous Energy (Lockout/Tagout)	2067	1 hr
13	Electrical Safety for Employees	2054	2 hrs
14	Welding, Cutting and Brazing Safety	2062	1 hr
15	Powered Industrial Truck Safety	2059	1 hr
 WORK ENVIRONMENT TRACK 04 • 5 HRS			
16	Walking and Working Surfaces including Fall Protection	2053	1 hr
17	Permit Required Confined Spaces	2064	1 hr
18	Materials Handling, Storage, Use and Disposal Safety	2066	2 hrs
19	Personal Protective and Lifesaving Equipment	2075	1 hr
 EMERGENCY READINESS TRACK 05 • 4 HRS			
20	Emergency Action Plans (EAP)	2013	30 min
21	Fire Prevention Plans and Fire Protection	2022	1 hr
22	Emergency Exit Routes	2088	30 min
23	Planning Workplace Emergencies	2068	2 hrs

INSTRUCTIONAL DESIGN

Structured eLearning with clear explanations, visual illustrations and scenario-based examples, supported by official reference books you keep after completion.



Online eLearning

Delivered through the AISP Student Dashboard (LMS)



30 Hours

Contact hours



Self-Paced

Study at your own pace with official reference books, downloadable from the Student Dashboard and yours to keep



Lifetime Access

Your course materials remain available in your Student Dashboard after completion

 **Language:** All course materials, reference books and examinations are delivered in English, Spanish, German and Arabic. Reference books are provided as downloadable PDFs.

FINAL EXAMINATION

1

Score 70% or higher

Complete a timed, open-reference online examination taken through the Student Dashboard, drawn from a structured question bank.

2

Retake if needed

If you do not pass first time, further attempts are available. A short review period applies between attempts so you can revisit the course material.

3

Earn your certificate

A passing score confirms your eligibility for the Certificate of Completion. Once passed, the exam cannot be retaken to improve the score.

ABOUT YOUR CERTIFICATE



Your Certificate of Completion confirms you have completed a structured safety training program informed by OSHA 29 CFR 1910. It is not OSHA-authorized training, licensure or regulatory approval, and it complements the site- and task-specific training your employer provides.



WHAT YOU RECEIVE

Sample documents shown ·
personal details redacted



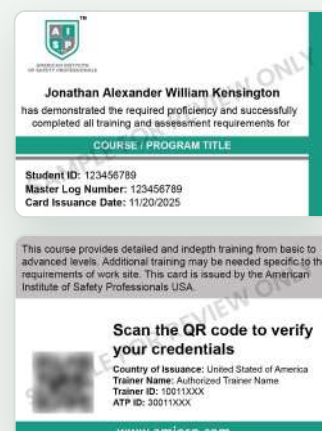
Certificate of Completion

Issued as a digital certificate (PDF) with QR verification. If you select the Hardbound Certificate, a printed copy is also posted to you.



Official Student Transcript

Records your course, training hours and result.



Wallet Card

Portable proof of your credential on site, verifiable by QR code.

All three are issued by American Institute of Safety Professionals LLC, USA and can be verified by any employer at amiosp.com/student-verifications

COURSE FEES

Two certificate options

Digital Certificate

Issued as a PDF, with QR verification

[Refer to website for prices →](#)

Hardbound Certificate

Printed and posted to you, and includes the digital certificate

[Refer to website for prices →](#)

Shipping and handling for the hardbound option is not included in the course fee. It is calculated according to the delivery address and invoiced separately once the certificate is ready to dispatch.

Payment assistance
accounts@amiosp.com

THE AISP ADVANTAGE WHY CHOOSE US?



Employer-verifiable worldwide

Every credential carries a unique Master Log Number and QR code, verifiable online by any employer



Fast-track online learning

Tailored for busy professionals



Industry-relevant content

Aligned with current safety standards



Expert-developed curriculum

Written by instructors with hands-on field experience



Trusted by employers

Used by safety professionals across industries internationally

YOUR CAREER IN NUMBERS

This program builds applied safety knowledge. The figures below show United States earnings for production occupations, the role this training supports. They are published labor market data, not an indication of earnings following this program.

\$51,600

Mean annual wage

\$46,990

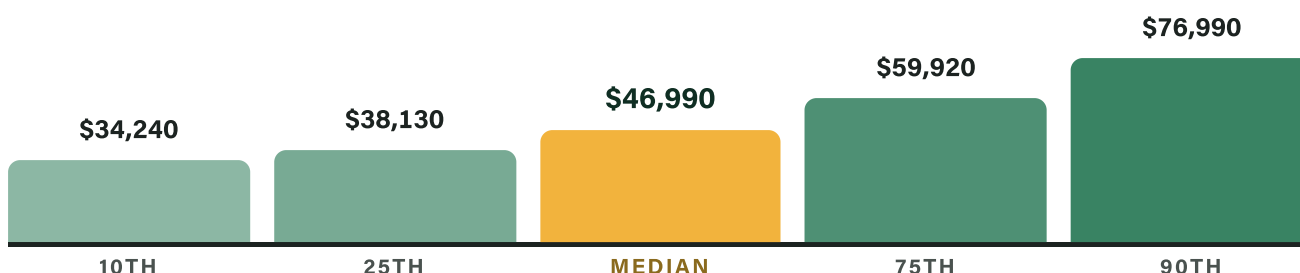
Median annual wage

8,565,760

Employed nationwide



ANNUAL WAGE RANGE



INDUSTRIES WITH THE MOST JOBS

Employment services	488,930
Machinery manufacturing*	350,830
Animal slaughtering and processing	342,830
Plastics product manufacturing	332,070
Motor vehicle parts manufacturing	331,270

* Machinery manufacturing: NAICS 3331, 3332, 3334 and 3339 only.



PAY BY SECTOR

Manufacturing	\$52,170
Administrative & waste services	\$40,260
Retail trade	\$43,470
Wholesale trade	\$49,760



TOP-PAYING INDUSTRIES

Electric power generation & distribution	\$108,180
Natural gas distribution	\$102,690
Pipeline transportation of crude oil	\$101,020
Oil and gas extraction	\$95,970
Other pipeline transportation	\$94,870

Source: U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics, May 2025 (SOC 51-0000). United States only; excludes self-employed workers. Earnings vary by experience, location and employer; no salary is guaranteed.

FREQUENTLY ASKED QUESTIONS

Quick answers about the program, the final exam and your certificate.



STILL HAVE QUESTIONS?

GENERAL
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PAYMENTS
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CALL
+1 (689) 286-3561



ABOUT THE PROGRAM

Q01

Who is this program for?

Experienced workers, maintenance, production and warehouse staff, equipment operators and contract workers.

Q02

How is the program delivered?

Online through the AISP Student Dashboard (LMS), with official reference books to download and keep, and lifetime access to your course materials.

Q03

How long does it take?

30 contact hours across 23 courses, studied at your own pace.



EXAM & RESULTS

Q04

What score do I need to pass?

A minimum of 70% on a timed, open-reference online examination taken through the Student Dashboard.

Q05

What if I don't pass first time?

Further attempts are available. A short review period applies between attempts so you can revisit the course material.

Q06

Is this OSHA-authorized training?

No. The program is informed by OSHA 29 CFR 1910 for education only. It is not OSHA authorization or a compliance certification.



CERTIFICATE & FEES

Q07

What do I receive?

A Certificate of Completion, an official Student Transcript and a wallet card, all with QR verification. The Hardbound Certificate includes a printed copy posted to you in addition to the digital certificate.

Q08

Can employers verify my certificate?

Yes. Every certificate carries a unique Master Log Number and QR code, and can be verified at amiosp.com/student-verifications

Q09

How much does it cost?

Prices for the Digital and Hardbound Certificate are on the [program page](#). Hardbound shipping is calculated by delivery address and invoiced separately.



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ENROLL TODAY

READY TO BEGIN?

Advance your workplace safety knowledge with confidence. Enroll in the 30-Hour General Industry Safety and Health program and become a stronger voice for safety at work.

Next step: the 32-Hour Safety Committee Member for General Industry program.

ENROLL AT [AMIOSP.COM](https://www.amiosp.com) →

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