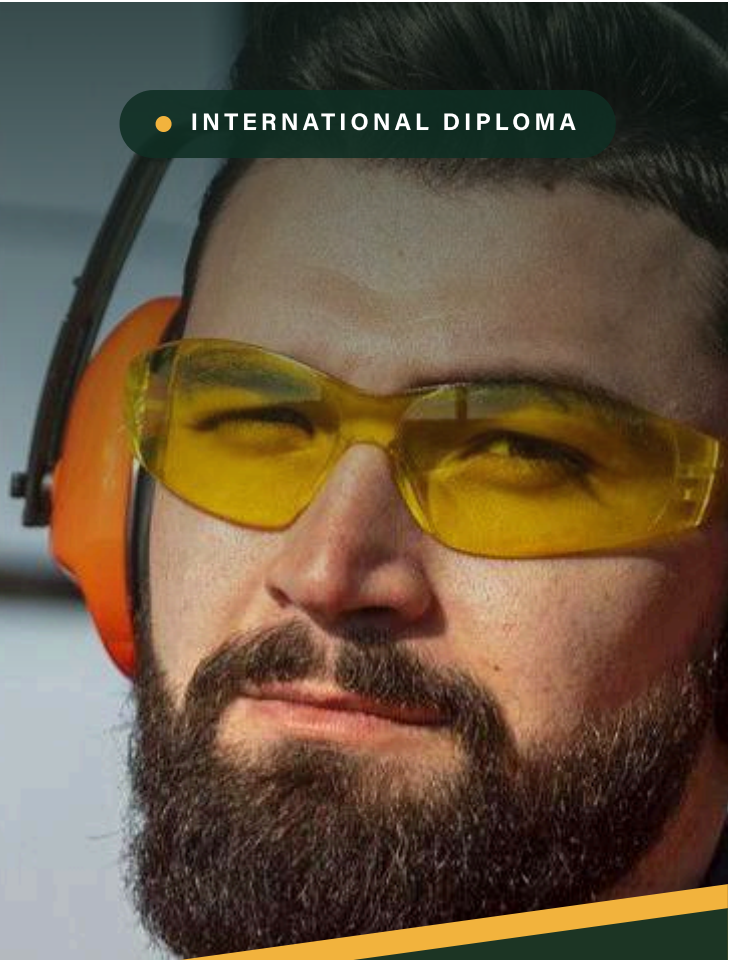




AMERICAN INSTITUTE
OF SAFETY PROFESSIONALS

● INTERNATIONAL DIPLOMA



COURSE CODE • 1002

INTERNATIONAL DIPLOMA IN INDUSTRIAL SAFETY MANAGEMENT

An executive-level diploma for safety leaders in manufacturing, process, energy and heavy industry. Master process safety, fire and explosion prevention, electrical safety, industrial hygiene, auditing and ESG integration.

Level 7 (equivalence)

6 core units

Assignment-based, no written examinations

480

Hours (TQT)

180

Guided learning hours

6

Core units

100%

Assignment-based

DIPLOMA OVERVIEW

Build the capability to control industrial risk, ensure compliance and lead safety systems in complex operations.

The International Diploma in Industrial Safety Management is a comprehensive professional qualification for those who manage safety in general industry, manufacturing, energy, chemicals, mining and other high-risk sectors. It focuses on practical, evidence-based safety management aligned with U.S. OSHA requirements and internationally recognized standards, including ISO 45001 and ANSI Z10.

Where the International Diploma in Occupational Health and Safety Management takes a cross-industry view, this diploma adds deep industrial specialization: OSHA Process Safety Management, mechanical integrity, fire and explosion science, electrical safety, industrial hygiene, auditing, emergency response and sustainability reporting. Each unit is applied through assignments built on real-world industrial scenarios.

GRADUATE CAPABILITIES



Compliance

Interpret and apply OSHA and industry safety requirements within industrial operations



Risk assessment

Identify hazards and lead structured assessments using HAZOP, FMEA, LOPA and Bow-Tie



Control systems

Design and implement effective hazard controls and safety management systems



Technical risk

Manage fire, explosion, electrical, process and occupational health risks



Assurance

Lead safety audits, emergency preparedness and corrective action programs



Improvement

Support organizational compliance, resilience and continual improvement

WHO IT'S FOR

Safety and HSE managers

PSM coordinators

Fire and electrical safety professionals

Industrial hygienists

Safety directors

Industrial safety consultants

For safety professionals in manufacturing, chemicals, oil and gas, power, mining and heavy industry, including those preparing for or complementing BCSP certifications.

AT A GLANCE

480 hrs

Total qualification time

180 hrs

Guided learning

300 hrs

Self-study and research

SIX CORE UNITS

Six integrated units take you from governance and leadership through technical hazard control to auditing, emergency response and sustainability, reflecting the full scope of industrial safety management.

480

Hours (TQT)

6

Core units

100%

Assignment-based

Each unit: 80 hours total qualification time (30 guided learning + 50 self-study).

UNIT	UNIT TITLE AND CONTENT	HOURS
1002/101	Regulatory Frameworks, Governance, and Safety Leadership OSHA 29 CFR 1910 and 1926, ANSI Z10, NFPA codes, ISO 45001 and ISO 19011; integrating ISO 9001, 14001 and 45001; safety leadership and culture; ESG and sustainability reporting.	80 30 GLH
1002/102	Industrial Hazard Identification, Risk Assessment, and Control Systems JSA, PHA, HAZOP, FMEA, fault tree, Bow-Tie, LOPA, QRA and event tree analysis; ALARP criteria; human factors; digital twins and predictive analytics; ISO 31000 and CCPS practice.	80 30 GLH
1002/103	Process Safety, Mechanical Integrity, and Operational Control OSHA PSM (29 CFR 1910.119) and management of change; mechanical integrity under API 570, API 653 and NBIC; RCM, RBI and NDE; permit-to-work; LOTO; confined spaces; safety instrumented systems.	80 30 GLH
1002/104	Fire Protection, Explosion Prevention, and Electrical Safety Flash point, auto-ignition, Kst and MIE; NFPA 13, 30, 33, 68, 69, 70, 70E and 72; IEC 60079 area classification; OSHA Subpart S; arc flash boundaries and PPE; smart monitoring.	80 30 GLH
1002/105	Occupational Health, Ergonomics, and Industrial Hygiene Management Exposure assessment for noise, contaminants, vibration, heat and chemicals; PELs, TLVs and NIOSH guidance; respiratory protection and hearing conservation; RULA, REBA and the NIOSH lifting equation; Total Worker Health.	80 30 GLH
1002/106	Safety Auditing, Emergency Response, and Sustainability Integration ISO 19011 audits; leading and lagging metrics (TRIR, LTIFR); incident investigation with Bow-Tie, causal tree and Tripod Beta; emergency action planning; GRI, SASB and TCFD reporting; climate resilience.	80 30 GLH

DELIVERY MODEL

Structured, assignment-based study built for working professionals, with guided independent study, applied research and workplace-relevant analysis instead of fixed lecture schedules.



Online eLearning

Delivered through the AISP Student Dashboard (LMS)



480 Hours

180 guided learning + 300 self-study



Self-Paced

Study around your work; most learners complete in 6–12 months



Lifetime Access

Your learning resources remain in your Student Dashboard after completion



Language: Instruction and assessment are in English. Professional written English is required.



Tutor support: Qualified tutors with industry and academic expertise provide academic guidance, clarify technical and regulatory expectations and give constructive feedback throughout. A designated assessor supports you at every stage.

STANDARDS AND PROFESSIONAL ALIGNMENT

- ✓ OSHA general industry and construction standards (29 CFR 1910 / 1926)
- ✓ OSHA Process Safety Management (29 CFR 1910.119)
- ✓ ISO 45001, ISO 31000, ISO 19011 and ANSI Z10
- ✓ NFPA fire, explosion and electrical safety codes
- ✓ API and CCPS process safety practice

YOUR PATH TO THE DIPLOMA

1

Enroll online

Register and access all six units through your Student Dashboard.

2

Study and submit

Work through each unit and submit a formative and a summative assignment for assessment.

3

Earn your diploma

Pass all six units to receive your diploma certificate, transcript and wallet card.



ASSESSED ON WHAT YOU CAN DO

This diploma is assessed entirely through assignment, with no written examinations. Assignments test your ability to apply industrial safety science, regulatory requirements and management principles to realistic, complex operational scenarios.

12

Assignments (2 per unit)

26–33k

Words in total

0

Written exams

Pass / Fail

Assessment outcome



Formative (each unit)

800–1,000 words: a technical discussion paper, white paper or guidance document, with developmental feedback from your assessor.



Summative (each unit)

3,500–4,500 words: a professional report that applies structured analytical tools (such as bow-tie, fault tree, event tree, risk matrices and audit gap matrices) to a realistic workplace scenario and sets out a phased implementation plan.



Standards & integrity

Submitted through the student portal and graded by a qualified assessor against a published marking rubric. Work must be properly referenced and is checked for similarity; plagiarism, collusion or contract cheating can lead to disqualification. All assessment decisions are subject to internal quality assurance.



ENTRY REQUIREMENTS

- ✓ A management-level safety qualification (such as CHSM, RSM, a NEBOSH Diploma or CSP) is strongly recommended.
- ✓ 3+ years of industrial safety management experience is recommended.
- ✓ Candidates with 5+ years of operational experience in process, manufacturing or energy may enroll without a formal safety qualification.
- ✓ No academic degree is required.

Professional written English is required, as instruction and assessment are in English.

WHO SHOULD ENROLL

- › Safety and HSE managers in manufacturing, chemicals, oil and gas, power, mining and heavy industry
- › Process safety professionals and PSM coordinators
- › Fire protection and electrical safety professionals
- › Industrial hygienists and occupational health professionals
- › Senior safety officers, safety directors and safety consultants

WHAT YOU RECEIVE

Sample documents shown ·
personal details redacted



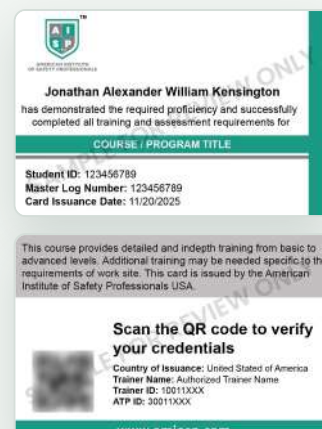
Diploma Certificate

The International Diploma in Industrial Safety Management, issued by American Institute of Safety Professionals LLC, USA, as a digital certificate (PDF) with QR verification. The hardbound option also includes a printed copy, posted to you.



Official Student Transcript

A formal record of all six units completed and the hours achieved.



Wallet Card

A professional wallet card to carry proof of your diploma on the job.

All three documents are verifiable by employers at amiosp.com/student-verifications.

WHERE THIS DIPLOMA FITS

The industrial counterpart to the International Diploma in Occupational Health and Safety Management (1003). It pairs well with the Process Safety Management (1011) and Oil and Gas Safety Management (1010) diplomas.

DIPLOMA FEES

Refer to website for prices



Digital
(PDF)

Hardbound + Digital

Courier charges for hardbound copies are quoted separately before dispatch.

Payment assistance
accounts@amiosp.com

THE AISP ADVANTAGE WHY CHOOSE US?



Employer-verifiable worldwide

Every diploma carries a Master Log Number and QR code for instant online verification.



Built for working professionals

Fully online and self-paced, with no exams to sit and no time away from work.



Industry-relevant content

Grounded in OSHA, NFPA, API and ISO practice and built around real industrial scenarios.



Expert-developed and quality assured

Developed by subject specialists and governed by internal quality assurance for consistent, fair assessment.



Trusted by employers

A credential employers can check in seconds and recognize for its depth.

WHERE THIS DIPLOMA CAN TAKE YOU

The diploma supports progression into senior industrial safety leadership roles, including:

- Industrial Safety Director / Plant HSE Director
- Process Safety Manager / PSM Program Director
- Corporate EHS Director (manufacturing and process)
- Fire Protection and Loss Prevention Manager
- Principal Industrial Safety Consultant

The figures below show published earnings for occupational health and safety specialists, a closely related occupation. They are labor market data, not an indication of earnings after this diploma.

📍 UNITED STATES DATA ONLY

\$93,860

Mean annual wage

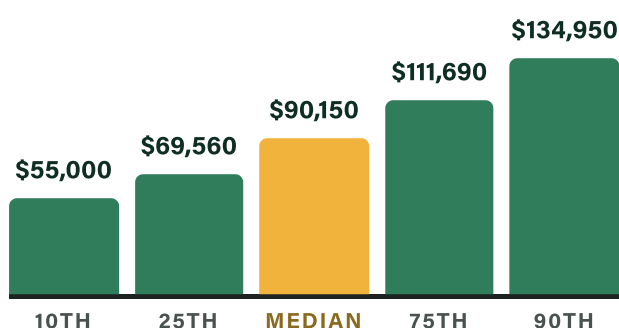
\$90,150

Median annual wage

140,610

Employed nationwide

ANNUAL WAGE RANGE



TOP-PAYING INDUSTRIES

Oil and gas extraction	\$120,700
Scientific R&D services	\$118,800
Aerospace products mfg.	\$118,560
Electric power generation & distribution	\$117,990
Chemical manufacturing*	\$106,400

* Chemical manufacturing: NAICS 3251, 3252, 3253 and 3259 only.

Source: U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics, May 2025 (SOC 19-5011, Occupational Health and Safety Specialists). 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 diploma, how it is assessed and what you receive.



STILL HAVE QUESTIONS?

GENERAL
info@amiosp.com

PAYMENTS
accounts@amiosp.com

CALL
+1 (689) 286-3561



ABOUT THE DIPLOMA

Q01

Who is this diploma for?

Safety and HSE managers, process safety professionals, industrial hygienists and safety directors working in manufacturing, process, energy and heavy industry.

Q02

How is it different from the OSH Management diploma?

The OSH Management diploma (1003) is cross-industry and strategic. This diploma adds industrial specialization in PSM, fire and explosion, mechanical integrity, electrical safety and industrial hygiene.

Q03

Is this a university degree?

No. It is a professional qualification awarded by the American Institute of Safety Professionals. It does not confer statutory authority, professional licensure or regulatory approval.



STUDY & ASSESSMENT

Q04

How is the diploma delivered?

Fully online through the AISP Student Dashboard (LMS), self-paced, with tutor guidance and a designated assessor.

Q05

How is it assessed?

Through two written assignments per unit (12 in total), graded Pass / Fail against a marking rubric. There are no written examinations.

Q06

How long does it take?

480 hours of total qualification time. Most learners complete the diploma in 6–12 months while working.



ENTRY & AWARD

Q07

Do I need a degree to enroll?

No. A management-level safety qualification and 3+ years of experience are recommended; 5+ years of operational experience may be accepted instead.

Q08

What do I receive?

A diploma certificate, an official transcript and a wallet card, all verifiable at amiosp.com/student-verifications.

Q09

How much does the diploma cost?

Digital and hardbound options are available. See current prices on the [diploma page](#).



AMERICAN INSTITUTE
OF SAFETY PROFESSIONALS

ENROLL TODAY

ADVANCE YOUR PROFESSIONAL STANDING

Lead industrial safety at the highest level, from process safety and mechanical integrity to auditing and ESG. Enroll online and begin your diploma through your AISP Student Dashboard.

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

CONTACT US

American Institute of Safety Professionals LLC

265 Hackensack St, Wood Ridge,
New Jersey 07075, USA



+1 (689) 286-3561



info@amiosp.com



www.amiosp.com



Payments: accounts@amiosp.com

American Institute of Safety Professionals LLC (Company Reg. No. 15202418). This diploma is an educational and professional qualification. It does not confer statutory authority, professional licensure or regulatory approval. Responsibility for regulatory compliance and legal duties remains with employers, regulators and designated duty holders.

[WWW.AMIOSP.COM](https://www.amiosp.com)



QUALITY ASSURANCE & ACADEMIC INTEGRITY

All delivery and assessment are governed by an internal quality assurance framework that protects academic standards, ensures consistent assessment decisions and maintains the integrity of the qualification.

