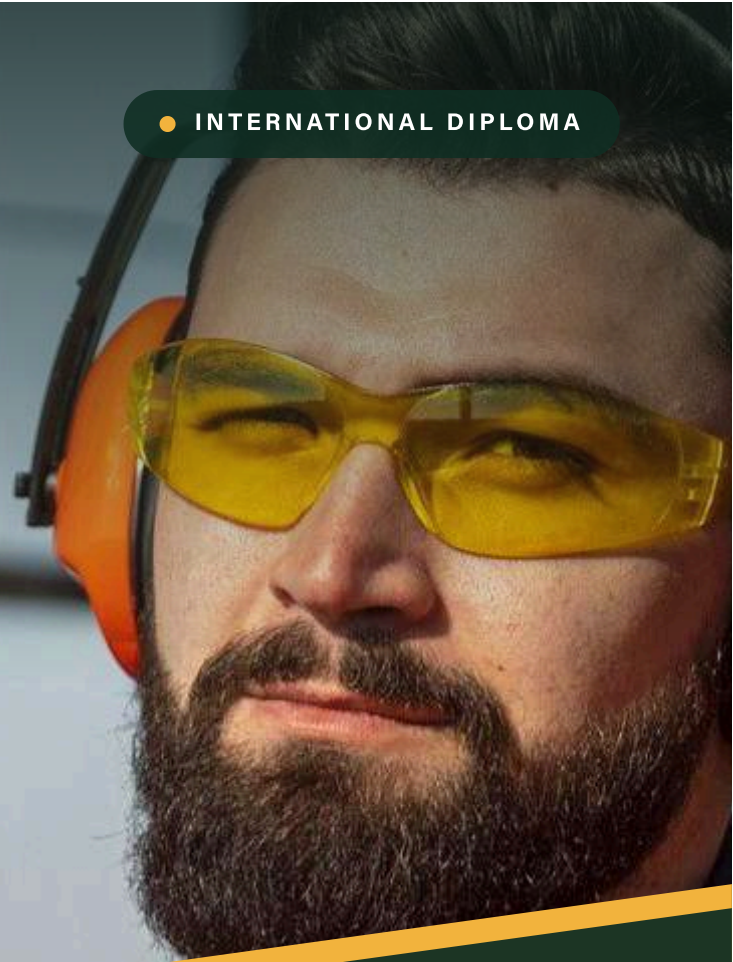




AMERICAN INSTITUTE
OF SAFETY PROFESSIONALS

INTERNATIONAL DIPLOMA



COURSE CODE • 1011

INTERNATIONAL DIPLOMA IN PROCESS SAFETY MANAGEMENT

The only AISP diploma in which all six units address process safety. Master OSHA PSM, CCPS Risk-Based Process Safety, EPA RMP, human factors, asset integrity and strategic leadership.

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

Prevent catastrophic loss in high-hazard industries through system-level process safety leadership.

The International Diploma in Process Safety Management develops senior-level competence in managing major accident hazards, catastrophic risk and system-level failures. It treats process safety as a distinct discipline, focused on fires, explosions, toxic releases and large-scale loss events rather than routine injury prevention alone.

It integrates the 14 elements of OSHA PSM (29 CFR 1910.119), the 20 elements of the CCPS Risk-Based Process Safety framework, EPA RMP (40 CFR 68), asset integrity, human factors, emergency management and strategic leadership, for oil and gas, petrochemical, chemical, energy, pharmaceutical and manufacturing environments.

GRADUATE CAPABILITIES



PSM compliance

Apply OSHA Process Safety Management to complex, high-hazard operations



Major hazards

Identify, analyze and control major accident hazards with risk-based methods



Systems

Design, evaluate and improve process safety management systems



Integrity

Integrate asset integrity, reliability and technical safety into decisions



Culture

Evaluate human factors, safety culture and leadership influence on catastrophic risk



Strategy

Advise senior management on risk reduction, compliance and resilience

WHO IT'S FOR

Process safety managers

PSM program directors

Process safety engineers

Plant and operations managers

Process safety consultants

CCPS certification candidates

For professionals in refining, petrochemicals, chemicals, gas processing and other PSM-covered facilities.

AT A GLANCE

480 hrs

Total qualification time

180 hrs

Guided learning

300 hrs

Self-study and research

SIX CORE UNITS

Six process-safety units progress from management systems and risk-based analysis through culture, hazard control and asset integrity to strategic leadership.

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
1011/101	Process Safety Management Systems How process safety differs from occupational safety; OSHA's 14 PSM elements; the CCPS 20 elements in four pillars; EPA RMP (40 CFR 68); integration with ISO 45001.	80 30 GLH
1011/102	Risk-Based Process Safety Qualitative, semi-quantitative and quantitative risk assessment; HAZOP, What-If/Checklist, FMEA, fault tree and LOPA; consequence analysis, frequency estimation, risk ranking and ALARP.	80 30 GLH
1011/103	Process Safety Culture and Human Factors Leadership and communication in culture; human error theory; Reason's Swiss Cheese model and HFACS; cognitive bias; culture maturity models; normalization of deviance.	80 30 GLH
1011/104	Process Hazard Control and Emergency Management HAZID, PHA and What-If; inherently safer design (minimize, substitute, moderate, simplify); the hierarchy of controls; emergency management under 29 CFR 1910.38, ICS, drills and crisis communication.	80 30 GLH
1011/105	Asset Integrity, Reliability and Technical Safety Mechanical integrity under OSHA PSM; risk-based inspection and reliability-centred maintenance; NDE, corrosion management and fitness-for-service; predictive analytics, condition monitoring and digital twins.	80 30 GLH
1011/106	Development as a Strategic Manager Capstone: strategic planning, change management (Kotter, ADKAR), leadership models, the business case for process safety investment and board-level communication.	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.

REGULATORY AND INDUSTRY ALIGNMENT

- ✓ OSHA Process Safety Management (29 CFR 1910.119)
- ✓ CCPS Risk-Based Process Safety principles
- ✓ EPA Risk Management Program (40 CFR 68)
- ✓ API recommended practices for process industries
- ✓ NFPA fire protection and hazardous materials standards

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 apply PSM requirements, risk-based methods and leadership principles to realistic high-hazard facility 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**

- ✓ Process industry experience is strongly recommended.
- ✓ Familiarity with OSHA 29 CFR 1910.119 provides the regulatory foundation.
- ✓ 3+ years of process safety or process operations experience is recommended.
- ✓ No academic degree is required.

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

WHO SHOULD ENROLL

- › Process safety managers and PSM program directors in refining, petrochemical, chemical and gas processing
- › Process safety engineers seeking a formal PSM qualification
- › Corporate process safety leaders governing multiple facilities
- › Operations and plant managers in PSM-covered facilities
- › Process safety consultants (PHA facilitation, PSM audits)

WHAT YOU RECEIVE

Sample documents shown ·
personal details redacted



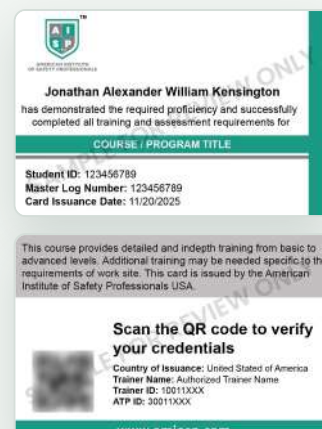
Diploma Certificate

The International Diploma in Process 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](https://www.amiosp.com/student-verifications).

WHERE THIS DIPLOMA FITS

The process safety specialist diploma. It complements the Industrial Safety Management (1002) 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

Every unit is process safety, from OSHA PSM and CCPS RBPS to asset integrity.



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 process safety and advisory roles, including:

- Process Safety Director / VP Process Safety
- Corporate Process Safety Manager
- Senior Process Safety Engineer
- Process Safety Auditor / PSM Compliance Director
- Principal Process 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

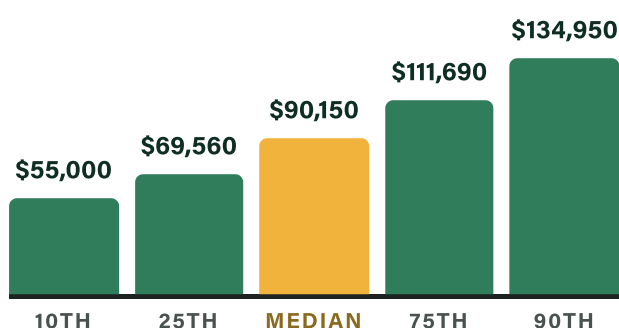
\$90,150

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?

Process safety managers, engineers, plant and operations managers, and consultants in PSM-covered and other high-hazard facilities.

Q02

How is it different from the Oil and Gas diploma?

This diploma covers process safety across all process industries. The Oil and Gas diploma (1010) is petroleum-specific, adding offshore, hydrocarbon integrity and spill response content.

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. Process industry experience, familiarity with OSHA 1910.119 and 3+ years of process safety or operations experience are recommended.

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 the prevention of fires, explosions and toxic releases at a strategic level. Enroll online and begin your diploma through your AISP Student Dashboard.

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

CONTACT US

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265 Hackensack St, Wood Ridge,
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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.

