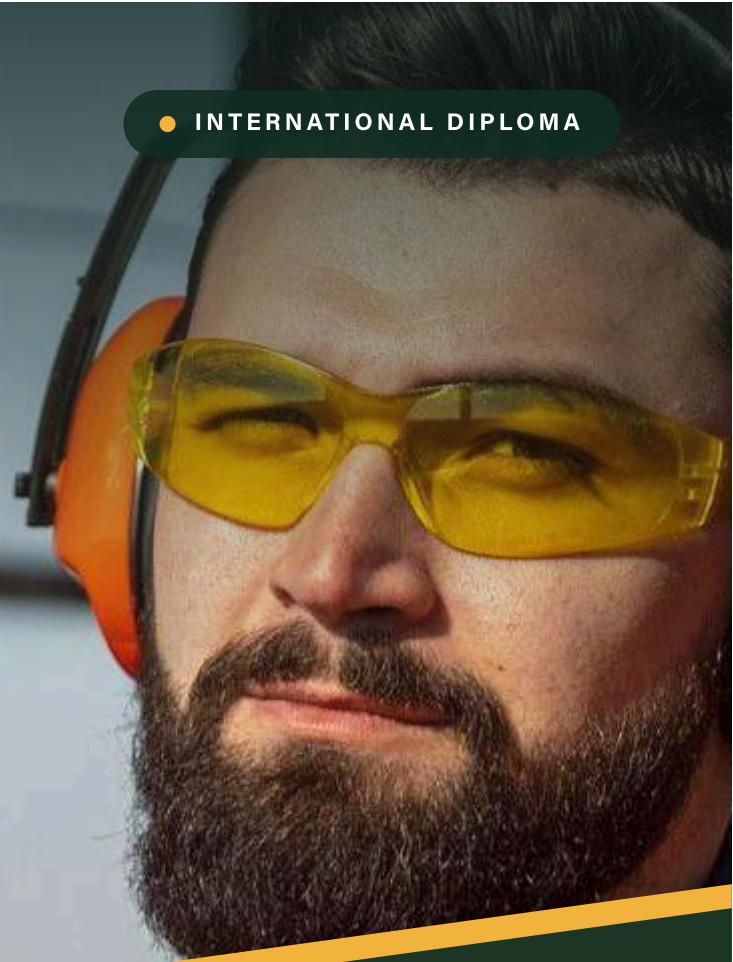




AMERICAN INSTITUTE
OF SAFETY PROFESSIONALS

● INTERNATIONAL DIPLOMA



COURSE CODE • 1010

INTERNATIONAL DIPLOMA IN OIL AND GAS SAFETY MANAGEMENT

The deepest petroleum-specific qualification in the AISP portfolio. Master process safety, hydrocarbon integrity, QRA and SIS, contractor and logistics safety, fire and explosion, emergency response and environmental protection.

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

Manage major accident hazards and high-consequence operations across upstream, midstream and downstream oil and gas.

The International Diploma in Oil and Gas Safety Management develops senior-level competence in managing major accident hazards, process safety risk and high-consequence operations. It reflects U.S. regulatory expectations and industry best practice, with a strong emphasis on preventing catastrophic events, asset integrity and system-level risk control.

It integrates process safety management, quantitative risk analysis, contractor and workforce safety, fire and explosion prevention, emergency response and environmental protection, aligned with OSHA PSM, API Recommended Practices, NFPA codes and EPA requirements. It is designed for working professionals, including those on rotational schedules.

GRADUATE CAPABILITIES



Process safety

Apply OSHA PSM (29 CFR 1910.119) across oil and gas operations



Major hazards

Identify, analyze and control major accident hazards with advanced methods



Integrity

Evaluate asset and mechanical integrity and barrier performance



Workforce

Lead contractor, workforce and logistics safety in high-risk environments



Emergency

Design fire, explosion and emergency response frameworks aligned with NFPA and ICS



Environment

Integrate environmental protection, sustainability and new technology

WHO IT'S FOR

HSE directors

Offshore HSE managers

Process safety managers

Offshore installation managers

Oil and gas safety consultants

Petroleum and process engineers

For HSE leaders in E&P companies, NOCs, IOCs, drilling contractors and EPC firms, on offshore platforms, FPSOs, refineries and gas plants.

AT A GLANCE

480 hrs

Total qualification time

180 hrs

Guided learning

300 hrs

Self-study and research

SIX CORE UNITS

Six units take you from process hazard control and hydrocarbon integrity through quantitative risk and safety systems to workforce, emergency and environmental 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
1010/101	Process Safety and Hazard Control in Oil and Gas Operations Flammability, toxic release, pressure containment and ignition control across exploration, drilling, refining and petrochemicals; OSHA PSM with API RPs and NFPA codes; HAZOP, LOPA and Bow-Tie; layered protection.	80 30 GLH
1010/102	Hydrocarbon Process Safety and Integrity Management Hydrocarbon properties and their fire, explosion and toxic implications; pressure vessels, piping and relief systems under OSHA PSM, API and ASME; corrosion, inspection, cathodic protection and material selection under NACE.	80 30 GLH
1010/103	Risk Management, Quantitative Analysis, and Safety Systems HAZID, HAZOP, LOPA and Bow-Tie; full QRA with event and fault trees, consequence modeling and frequency analysis; ALARP; SIS, SIL and IEC 61511/61508; risk-informed investment.	80 30 GLH
1010/104	Contractor, Workforce, and Logistics Safety Management Contractor pre-qualification and performance monitoring; competency assurance, permit-to-work, shift handover and fatigue; marine, helicopter, heavy-lift and hazmat logistics for remote and offshore operations.	80 30 GLH
1010/105	Fire and Explosion Prevention and Emergency Response Ignition science and hazardous area classification; fixed and portable suppression, detection, explosion venting; ICS, oil spill response, well control, offshore EER; Deepwater Horizon, Texas City and Piper Alpha.	80 30 GLH
1010/106	Environmental Protection, Sustainability, and Emerging Technologies Clean Air Act, Clean Water Act, RCRA, OPA 90 and ISO 14001; spill prevention, emissions and waste; carbon reduction and the UN SDGs; drones, AI risk analytics, wearables and the energy transition.	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)
- ✓ OSHA general industry and construction principles
- ✓ API Recommended Practices, ASME and NACE standards
- ✓ NFPA fire protection and IEC 61511/61508 safety systems
- ✓ EPA environmental protection and spill-prevention requirements

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 process safety, risk analysis and regulatory principles to realistic upstream, midstream and downstream 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

- ✓ Oil and gas industry experience is strongly recommended.
- ✓ 3+ years of petroleum HSE experience is recommended.
- ✓ The 30-Hour General Industry program provides a useful OSHA foundation.
- ✓ No academic degree is required.

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

WHO SHOULD ENROLL

- > HSE directors and corporate safety leaders in E&P, NOCs, IOCs, drilling and EPC firms
- > Project HSE managers on offshore platforms, FPSOs, refineries and gas plants
- > Process safety and PSM program managers
- > Offshore installation managers and offshore HSE managers
- > Graduates of the AISP oil and gas career ladder

WHAT YOU RECEIVE

Sample documents shown ·
personal details redacted



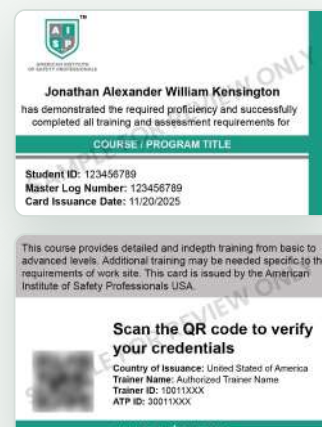
Diploma Certificate

The International Diploma in Oil and Gas 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 diploma capstone to the AISP oil and gas career ladder. It is petroleum-specific, while the Process Safety Management diploma (1011) covers process safety across all process industries.

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

Petroleum-specific, from hydrocarbon integrity and QRA to offshore logistics and spill response.



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 petroleum HSE leadership roles, including:

- Corporate HSE Director / VP HSE (oil and gas)
- Offshore HSE Manager / Installation HSE Lead
- Process Safety Director / PSM Program Director
- Refinery HSE Director
- Principal Petroleum HSE 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

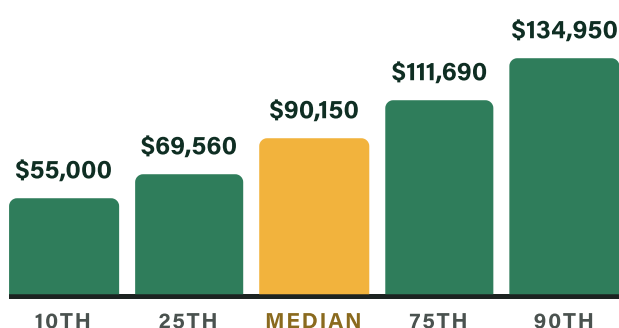
\$90,150

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?

HSE directors, project and offshore HSE managers, process safety managers, OIMs and consultants in the oil and gas sector.

Q02

How is it different from the Process Safety diploma?

This diploma is petroleum-specific and adds hydrocarbon integrity, NACE corrosion, offshore QRA with SIS/SIL, contractor and logistics safety, spill response and OPA 90. The Process Safety diploma (1011) spans all process industries.

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. Oil and gas experience and 3+ years of petroleum HSE 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 safety where the consequences are highest, from refinery to offshore platform. Enroll online and begin your diploma through your AISP Student Dashboard.

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

CONTACT US

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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.

