

Comprehensive Auditing in the Oil and Gas Industry Course

17 – 21 May 2027
London (UK)

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Why This Course

The oil and gas industry operates in a highly complex and regulated environment, involving large-scale investments, joint ventures, and technically demanding operations across exploration, production, refining, and distribution. These characteristics create unique financial, operational, and compliance risks that require specialized auditing knowledge and industry-specific expertise.

This comprehensive 5-day program is designed to equip audit professionals with the tools and techniques required to conduct effective audits within the oil and gas sector. Participants will explore auditing practices across the entire value chain while developing stronger capabilities in risk assessment, financial auditing, operational evaluation, and regulatory compliance. Through practical examples and industry case studies, the program helps auditors enhance their ability to identify risks, strengthen controls, and deliver valuable insights to management.

What You'll Learn and Practice

By participating in this program, you will:

- Understand the structure, operations, and key risks of the oil and gas industry.
- Apply auditing standards and methodologies relevant to energy sector operations.
- Conduct risk-based audit planning and evaluation across complex operational environments.
- Audit financial reporting practices, including reserves reporting and joint venture structures.
- Evaluate operational processes across exploration, production, and distribution activities.
- Perform compliance audits related to environmental, safety, and regulatory requirements.

The Program Flow

Day 1: Introduction to Oil and Gas Industry Auditing

- Understanding the structure of upstream, midstream, and downstream operations.
- Identifying the unique risks and challenges associated with oil and gas auditing.
- Reviewing industry-specific auditing standards and frameworks.
- Conducting risk assessments tailored to oil and gas operational environments.

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A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) positioned on it. The board is white and black, and the pieces are gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

Day 2: Financial Auditing in Oil and Gas

- Auditing revenue recognition and reserves reporting practices.
- Reviewing joint venture agreements and production sharing arrangements.
- Auditing financial instruments used for hedging commodity price risks.
- Conducting impairment testing and asset valuation reviews.

Day 3: Operational Auditing

- Auditing exploration and production operations.
- Evaluating procurement and supply chain processes within oil and gas companies.
- Reviewing refining and distribution operational activities.
- Assessing IT systems and cybersecurity risks supporting operational processes.

Day 4: Compliance and Regulatory Auditing

- Conducting environmental compliance audits.
- Evaluating health and safety practices within energy operations.
- Auditing anti-corruption policies and ethical governance frameworks.
- Reviewing regulatory reporting requirements and government oversight processes.

Day 5: Advanced Auditing Techniques and Reporting

- Using data analytics tools in oil and gas auditing.
- Applying fraud detection and forensic auditing techniques.
- Developing effective audit reports that communicate key findings clearly.
- Implementing continuous auditing and monitoring practices.

Individual Impact

- Strengthen expertise in auditing within complex energy sector operations.
- Improve analytical capabilities for evaluating financial and operational risks.
- Develop practical skills in industry-specific audit planning and execution.
- Gain confidence in presenting audit findings to senior stakeholders.

Work Impact

- Improve risk identification and internal control evaluation within oil and gas operations.
- Strengthen compliance with industry regulations and reporting standards.
- Enhance operational efficiency through structured audit insights.
- Support stronger governance and risk management across the energy value chain.

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The board is checkered and has a subtle circular pattern in the background.

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Training Methodology

This program combines technical auditing knowledge with practical application to ensure participants gain industry-relevant skills. Training methods include:

- Interactive workshops and expert-led discussions.
- Case studies based on real oil and gas audit scenarios.
- Group exercises focused on risk assessment and audit planning.
- Data analysis activities relevant to auditing operations.
- Practical frameworks and templates for oil and gas auditing processes.

Beyond the Course

By the end of the program, participants will be able to:

- Conduct comprehensive audits across the oil and gas value chain.
- Apply risk-based auditing approaches tailored to energy operations.
- Identify operational, financial, and compliance risks effectively.
- Communicate audit findings clearly to support management decision-making.

A graphic of a chessboard with several chess pieces (a king, a queen, and a pawn) in the foreground. The board is checkered and has a subtle grid pattern. The text 'UK Training PARTNER' is overlaid on the right side of the board.

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