

Oil & Gas Services

Safety, Risk & Integrity Management



ABS Consulting
AN ABS GROUP COMPANY



From deepwater offshore platforms to onshore oil and gas production facilities, ABS Consulting can help you:

- Complete capital projects on-time, within budget and on-spec
- Oversee construction/fabrication across multiple locations
- Manage the delivery of assets from multiple EPCs
- Comply with increasing and evolving regulatory demands
- Minimize operational risk from various hazards
- Improve reliability in remote, high risk environments

Our Full Range of Oil & Gas Services

Sustained Safety

We help develop management systems that support sustainable safety and business performance. From occupational safety and environmental protection to process safety management, ABS Consulting can help establish specific systems, programs and processes to manage and monitor activities that affect safety performance:

- Integrated HSE Management Systems Design and Development
- Incident Investigation
- Management of Change (MOC) System Design and Consulting
- Regulatory Compliance Audits
- HSE Metrics Development and Consulting
- Safety Culture Evaluation, Training and Organizational Change
- Conduct of Operations and Operating Discipline Consulting
- HSE Training Programs and Competence Assurance
- OSHA PSM Inspection Preparation
- Expert Witness Consulting



Whether your operations involve pipelines, tanks or terminals, ABS Consulting can support your need to:

- Comply with DOT, OSHA, EPA and DHS regulations
- Extend the working life of aging assets
- Maintain asset security and reliability
- Develop worker competency

Services

Managed Risk

ABS Consulting has the risk expertise to help you design an overall risk management system or conduct a specific analysis. From quantitative and probabilistic software-based risk modeling to qualitative hazard assessment, our technical solutions encompass the full range of the risk spectrum:

- Hazard Identification and Evaluation (HAZID, HAZOP)
- Quantitative Risk Analysis (Man-Made and Natural Hazards)
- Risk Tolerance Criteria Development
- Security Threat Management
- Pipeline Hazard and Risk Analysis
- Fire, Blast and Dispersion Modeling
- Facility Siting Evaluation
- Blast Resistant Design and Construction Management
- Catastrophe Evacuation Modeling and Planning
- Combustible Dust and Reactive Chemical Hazard Analysis



Regardless of where your process operations take place, we can help you:

- Identify and manage HSE and security risks
- Comply with HSE regulations
- Reduce production disruptions and loss of market
- Optimize operations due to economic pressures and tight margins
- Develop strategies to cope with aging infrastructures and workforces
- Manage organizational change

Optimized Integrity

A team of industry-leading engineers can assist you so that your integrity management programs support asset performance and deliver measurable results. Our services help our clients extend asset service life and overall reliability through inspection, auditing and overall quality assurance:

- Project Quality Management
- Project Supervision
- Independent Engineer and Owner's Representation
- Engineering Review, Design Verification and Certification
- Project and Documentation Management
- Merger and Acquisition Due Diligence
- Reliability and Maintenance Management
- In-Service Inspection and Planning Services
- Risk-Based and Reliability-Centered Maintenance
- Third-Party Inspection



Industry-Specific Experience for Industry-Specific Solutions

Each oil and gas sector faces its own unique challenges. From aging infrastructures to increasing safety, security, environmental and regulatory concerns, companies need flexibility to cope with the wide-ranging pressures on their operations in order to stay competitive.

Because ABS Consulting knows oil and gas, we do more than just address a specific issue – our solutions integrate into our clients' overall project delivery and production processes to minimize disruptions and maintain operations.

Our offices in over 30 countries provide a global framework while still maintaining local responsiveness. No matter where you operate, our highly-qualified consultants, engineers, and other specialists can provide software, training and services to meet your specific needs.

Software

Powerful, versatile and easy to use safety and risk analysis software includes:

- HazardReview LEADER™ – Integrate HAZOP, What-if, Checklist, FMEA, LOPA and other tools into a comprehensive PHA program.
- RootCause LEADER™ – Identify the root causes of any type of incident, event, accident, near miss, reliability problem, quality impact or business loss.
- THESIS – Analyze and manage business hazards and risks via a graphical display of the relationship between hazards, controls, risk reduction measures and business activities.

Training

Our range of training courses and webinars helps develop your staff's skills and knowledge. We offer both public training and customized courses on-site at your facility, including:

- Process Safety Management Compliance [100]
- Risk Based Process Safety [103]
- Process Hazard Analysis Leader [110]
- Root Cause Analysis and Incident Investigation [120]
- Reliability-Centered Maintenance [131]

Experienced for Oil & Gas Challenges

From project conception through decommissioning, ABS Consulting serves each segment of the oil and gas industry with value-added, fit-for-purpose products, services and expertise. Our practical approach for managing safety, risk and integrity helps our clients make their operations more efficient.

Contact us today and put our people to work for you.

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US Locations

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St. Louis, MO • Stratham, NH • Wilmington, DE

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