

Acting as a trusted partner to make the world safer, more sustainable and a source of shared progress.

AT-A-GLANCE

For more than 150 years, Apave has accompanied all the major technological changes and revolutions by developing expertise to guarantee the safety of people, goods and the environment.

WHAT WE DO

Risk and Safety

- Hazard Identification Study
- Hazard and Operability Study
- Layer of Protection Analysis
- Safety Integrity Level
- Simultaneous Operations Study
- Constructability Review
- **Bowtie Analysis**
- H2S/SO2 Dispersion Analysis
- Vent & Flare Dispersion & Radiation Study
- Toxic Gas Refuge Impairment Assessment
- Performance Standards (FEED/EPC/Operation Stage)
- As Low As Reasonably Practicable Demonstration
- Inherent Safe Design ISD Review
- Quantitative Risk Assessment
- Fire and Explosion Risk Assessment
- **Building Risk Assessment**
- Fire & Gas Mapping Study
- **Emergency System Survivability Analysis**
- Escape, Evacuation and Rescue Analysis
- Dropped Object Survey (Assessment, Study & Analysis)
- Ship Collision Risk Analysis
- Air Dispersion Modeling Study
- **Human Factor Engineering Assessment Study**
- **Ergonomics Study**
- PHSER Workshops & Study
- Construction HSE Plan
- Safety Case/COMAH
- **Environmental Impact Assessment**
- **Environmental Management Plans**
- Construction Environmental Management Plan
- Effluent Discharge Modelling
- Social Impact Assessment

Reliability & Maintenance

- Asset Hierarchy Built
- Maintenance Strategy Built
- Reliability Centered Maintenance
- Reliability, Availability and Maintainability
- Criticality Analysis
- Spare parts analysis selection and optimization for operational spare parts
- SAP PM & MM Master data built
- **PM Optimization**

Asset Integrity

- Corrosion Management Plan
- Corrosion Risk Assessment Study
- Material Corrosion Audit Study
- **Material Selection**
- Fitness for Service Analysis
- Remaining Life Assessment
- **Asset Life Extension Studies**
- **Risk-Based Inspection**
- Failure Analysis
- **Root Cause Analysis**
- Pipeline Integrity
- ICDA, ECDA, SSCDA
- Preparation of WSE, procedures, inspection checklists for static, rotating, electrical and instrumentation equipment

Offshore & Marine Services

- **General Condition Surveys**
- Pre-Purchase Condition Surveys
- Third Party Inspection Services
- Owner's Representation
- **Compliance Audits**
- **Rig Inspection Services**
- Engineering Services and Plan Review
- Project Due Diligence
- **Vessel Valuations**
- **Consultancy Studies**

o ASME/PED Certification

Technical Inspection & Verification

- o Engineering Verification and Certification
- Project and In-service Integrity Management
- In-service Inspection,

Initial Quality

O PQM/TPI

- o Lifting Equipment Inspection, Testing and Certification
- Crane's Health check inspection
- OPCO-CoP Gap and compliance Analysis for Lifting Assets
- o Lifted equipment / Offshore Container certification
- o Lifting Appointed Persons and Lifting **Operations Services**
- Mechanical Integrity
- o Inspection, Assessment, Certification, Monitoring and Control of LPG Systems
- **Project Support**
 - Local Content Certification
 - Owner's Representation
 - Project Supervision
 - Worldwide Source Inspection and Expediting
 - o General QA/QC Services

GLOBAL REACH



INDUSTRIES WE SERVE

- Energy Oil & Gas, Maritime
- Transport
- Infrastructures and Construction Industrial goods / Manufacturing
- Chemical
- **Public Services & Local Authorities**
- Telecommunication & Digital

ABOUT APAVE GROUP

Our job is to enable our clients to carry theirs out in total safety.

"Acting as a trusted partner to make the world safer, more sustainable and source of shared progress" is Apave's corporate purpose. Apave is an international group specializing in risk management with more than 150 years' experience. Our 14,000+ employees work at the request of our customers, on regulatory or non-regulatory assignments related to risk management.

Apave offers services and expertise in five areas: Inspection, Training, Testing & Measurements, Certification and Labelling, Consulting and Technical Support. Whether for individual safety, site safety and compliance, environmental safety or digital security, Apave continues to fulfil its purpose as a trusted third party to its customers.

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