



Company Profile

Apave Gulf LLC



Our Mission,
Your Confidence



150
YEARS

APAVE 1867-2017
A MATTER OF CONFIDENCE



On

Our Mission

Apave Gulf creates a measurable added value for its clients risk management strategies. This sustainable approach is based on offering professional and innovative services in the field of certification, inspection, control and training in a neutral and independent way. These services contribute to the quality, safety and liveability of society.



Our Vision

Our Vision

We deliver the highest performances according to the highest ethics in order to fully assure our social responsibilities and assure sustainability for our company and the society.





About Apave Gulf

Apave Gulf LLC

Apave Gulf (a subsidiary of **Apave International**) provides professional and specialized services clients in the Sultanate of Oman and other GCC states for all types of industries and specially the Oil & Gas Sector. Besides other small contracts, Apave Gulf currently runs the Government Gas Engineering QHSE Service Contract and Corporate Manpower Services Contract for Petroleum Development of Oman (PDO). Being registered as an Omani Company, Apave Gulf is targeting to develop local human resources & generating new careers to Omani nationals. Apave Gulf personnel has reached over 150 engineers, inspectors, technicians and other supporting staffs with over 35% Omanis.



About Apave International

Apave International is a leading global service provider for the Inspection, NDT and Certification services for various industries such as Oil Field, Power, Construction, Manufacturing, Nuclear, Transport, etc.

For the past 20 years Apave has been working to develop its services on the International Market, having operated for 150 years in France. Over 50 branch offices around the world and with 11,000 professionals, Apave International is providing the Inspection, NDT and Certification Services to various clients successfully.

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HSE Policy

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“We, through active participation of all our employees, will strive to manage and minimise HSE risks and hazards as low as reasonably practicable (ALARP) with the aim of preventing accidents, injuries, occupational illness, and safeguarding the natural environment by meeting and / or exceeding goals set by HSE Management System.”

**‘HSE Focus in all we do’
Increased business performance
through excellent HSE
Awareness**



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HSE Achievements

- Apave Gulf LLC (Former AIB-Vincotte) Completed 7 Million Man-hours without Lost Time Injury (LTI)
- Apave Gulf LLC have completed 19 Years of its operations in Oman without any Lost Time Injury (LTI).
- Our personnel has driven 26 Million Kilometers without LTI.





Quality Policy

Apave Gulf Management is committed to:

Keep Apave Gulf as a leading organization in our field by providing quality products and services to all customers.

Implement, maintain, monitor and continuously improve its Quality Management System, in order to achieve its Quality objectives and meet or exceed its customer's expectations.

**We are dedicated to our slogan:
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Accreditations



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- ISO/IEC 17020:2012- Type A Inspection Body.
- ISO/IEC 17024:2012- Personnel Certification.
- ISO/IEC 17021-1:2015- Certification of Management Systems.



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Certification & Affiliation



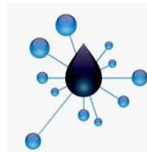
Lifting
Association
Member

Equipment
(LEEA)

Engineers
Development



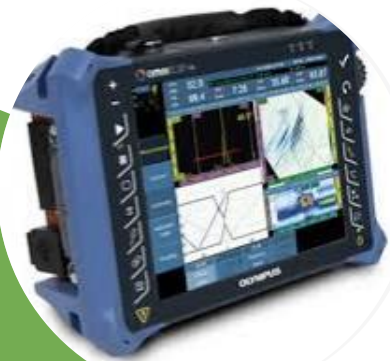
Member of Oman Society for
Petroleum Services (OPAL)



Approved Supplier to the Oman
Oil & Gas Industry's Joint Supplier
Registration System (JSRS)

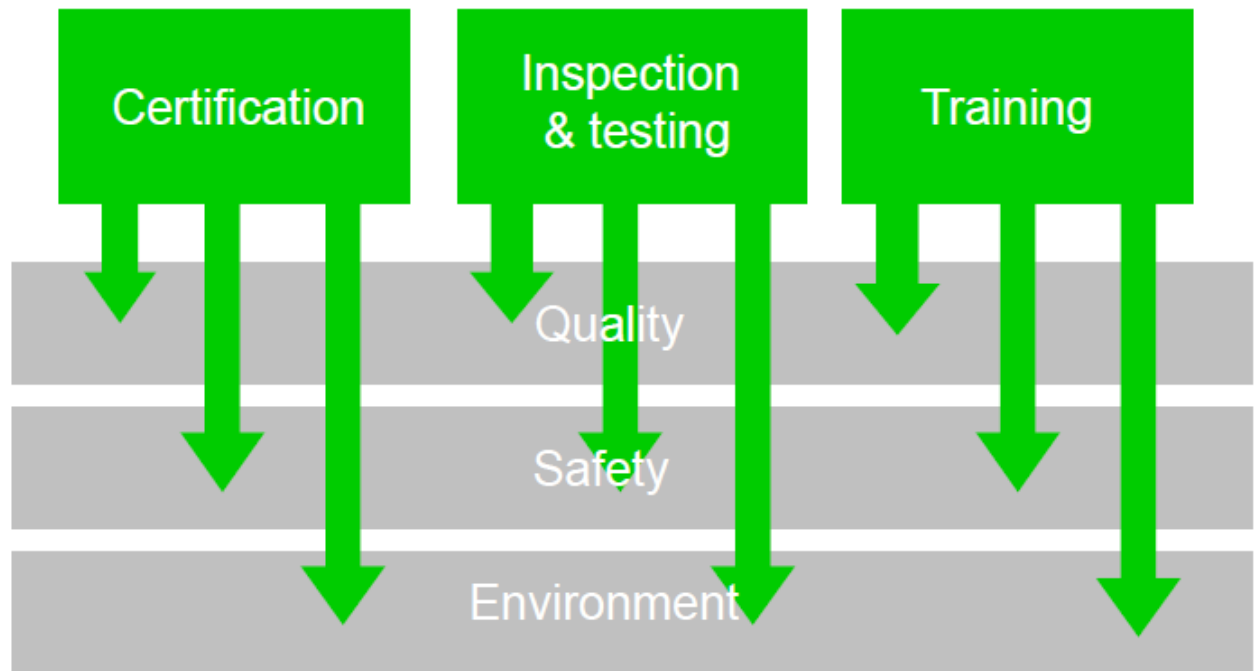


IRATA Full Operator Member



Activities & Domain

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Our Wide Range of Services

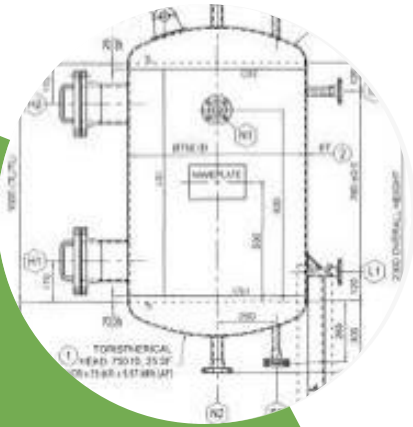
- Project Management & Consulting Services
- Project Quality Assurance/Control/Management Services
- Design, 3D Modeling and Numerical Simulations
- 3D Laser Scanning
- Certification to Quality Management Systems ISO 9001
- Certification to Environmental Management Systems ISO 14001
- Food Safety Management ISO 22000
- Information Security Management ISO 27001
- Occupational Health & Safety OHSAS 18001 & ISO 45001
- Third Party Inspections -Vendor & Shop inspections globally
- Well Control Equipment & Rig Inspections.
- Rope Access-IRATA FULL OPERATOR MEMBER
- Aerial Inspections
- Inspection of Industrial plant during Construction & Operation.
- Non Destructive Testing – Conventional & Advanced NDT
- Cathodic Protection Surveys
- Supply of NDT & Inspection equipment, accessories and consumables
- HSE Audits & Consultation
- Certification of Lifting Equipments & Appliances
- DROPS Surveys- Annual & Adhoc.
- Training
- Asset Integrity Management.
- Risk Based Inspection
- Verification & Certification of Installations, Products & Services
- OCTG-Drilling Tubular Inspection
- EX Equipment Inspection and Compliance Services
- Specialist Engineering Manpower
- Production & Maintenance Manpower
- Manpower Supply (Quality, HSE and all other Engineering / Technical/Construction fields)
- QHSE - Consultancy Services



PROJECT MANAGEMENT & CONSULTING SERVICES

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- **APAVE offers a range of services geared towards all industry sectors including petrochemical heavy industry, construction and institutions. This is achieved by contributing to the improvement of business performance in a number of key fields, however this is always in relation to the needs and requirements of the client.**
- **These requirements can include but not limited to:**
 - Evaluation of the risk management level and the performance level
 - Implementation of a management system according to a reference system (ISO 9001,14000 etc)
 - Targeted performance improvement.
 - Complete reorganization of the activities of a company as well as HR consulting.



Design, 3D Modeling and Numerical Simulations

- **APAVE offers complete solution for vessel and heat exchanger design, analysis and evaluation using Finite Element Method (FEM) Software.**
 - Vessel Design & Analysis using the Boiler an PV codes and piping codes.
 - Defining pressure boundary conditions for vessels and exchangers
 - Graphical representation of analysis models
 - Design Validation.
 - Visualization and manipulation with complete ease.
 - Design Model, and document process plants with various 3D software.
 - Creation P&IDs and Isometric drawings.

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Asset Integrity Management

APAVE is providing full Asset Integrity solutions for all your Assets as detailed below.

- Development of the facility 3D models
- Design review
- Fitness for Service Level 1,2,3 if needed
- Detail overall study of the plant configuration and data.
- Defining of corrosion loops.
- Defining of damage mechanism for each corrosion loop
- Defining of damage factors.
- Defining of PoF calculation methodology.
- Defining of CoF calculation methodology.
- Defining of the equipment risk matrix.
- Development of corrosion loop on P&ID.
- Defining of inspection plan and revision based on reassessment results. This shall include type and extent of examinations, inspection interval, CML locations.
- Prepare RBI reassessment methodology documents and other deliverables.

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Asset Integrity Management

Apave Software Solutions



SN	NAME	MAKE/DEVELOPER	FEATURES	APPLICABILITY
M1	iweldmatRevEng	COMPRESS 2016 Build 7600	Design review	Design review on pressure equipment
M2	iweldmatFFS	APAVE International	Fitness for Service Level 1,2,3	All types of pressure equipment and process equipment
M3	iweldmatPCA	APAVE International	Piping corrosion assessment	Pipelines, piping
M4	iweldmatRBI	APAVE International	Risk Based Inspection	All assets
M5	iweldmatAIMS	APAVE International	Asset Integrity Management	All assets
M6	Tripler	APAVE International/APAVE Group	Risk Based Inspection in Tanks and associated piping and valves infrastructure	Tanks, piping and valves
M7	FEA	ANSYS R17.1	Finite Element Analysis	Structure Analysis



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3D Laser Scanning

- **TLS – Terrestrial Laser Scanning**
- **HDS – High Definition Surveying**
- **Applications**
 - As-builts for retrofit plant design: oil & gas, petrochem, chemical, water, power and mineral
 - Remote survey of difficult and dangerous facilities: nuclear, offshore and underground
 - QA check of fabricated parts against design
 - Construction and demolition planning
 - Documentation for operations & maintenance





CERTIFICATION



Apave is one of the major Certification Body operating internationally which provides certification services for quality system (ISO 9001:2015), environment system (ISO 14001:2015) and health & safety system (ISO 45001:2018 & OHSAS 18001:2007). Apave services are accredited by French and American National Accreditation Boards e.g. COFRAC and ANAB. Certification services provided by Apave are known for their exacting standards and good quality.

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Our wide range of services includes:

- Certification to Quality Management Systems ISO 9001
- Certification to Environmental Management Systems ISO 14001
- Food Safety Management ISO 22000
- Information Security Management ISO 27001
- Occupational Health & Safety (OHSAS 18001& ISO 45001)
- Energy Management System ISO 50001



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THIRD PARTY INSPECTIONS

Vendor Inspections & expediting Services

(Accredited as ISO EN17020)

- APAVE operates as an ISO EN 17020 accredited type A inspection Body.
- APAVE is an authorized inspection body for Pressure Vessels, Electrical Equipment & installations and performs inspection and certification on pressure vessels and also is providing services of inspection in area of electrical power producing installations and electrical equipment. All inspections are carried out with the relevant European or US specifications applicable.
- With 130 Offices around the world, 11,000 employees and 200,000 satisfied customers APAVE can provide global vendor inspections and expediting services to your utmost satisfaction..



APAVE ROPE ACCESS (IRATA Full Operator Member)

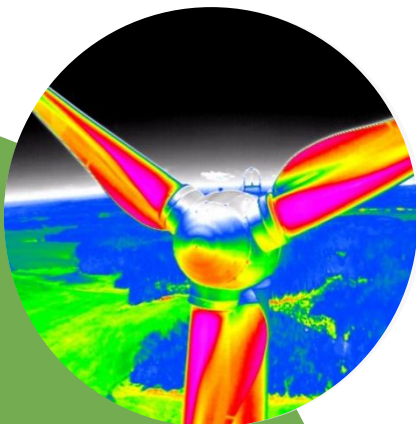


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- APAVE is an IRATA full member and offers multi-disciplined rope access technicians. The services throughout this brochure can be combined with out rope access service which offers a number of benefits for our clients. Time saving, as rope access can reduce time this is in direct proportion to cost savings compared to other conventional access systems.
- Working to IRATA certification scheme and membership scheme Apave Rope Access is dedicated to maintaining an incident free worksite with rope access proven to be the safest method for working at height in the world.





Aerial Inspections (Drone)

UAV, UAS, ROAV, RPV – all synonyms for Unmanned remotely operated vehicle - DRONES

Applications

- Refinery inspections
- Offshore Platforms
- Flares Inspection
- Chimneys Inspection
- Infrared Surveys
- Communication towers
- Solar Panels Surveys
- Wind Turbine Inspection

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LIFTING INSPECTION

“Our expertise in the industrial sector considerably enhances the range of services we offer. Our knowledge and skills in lifting are highly valued by our clients.”

The “lifting” department worldwide comprises more than 150 inspectors who ensure regulatory and non-regulatory controls of hoisting and lifting equipment and related appliances. Apave checks and inspects everything that goes upwards and downwards or is open and shut, so to speak. So this concerns not only lifts, but also cranes and forklifts trucks.

Verifications, Certification, expert reports and risk analysis for:

- Lifts, escalators and moving walkways.
- Lifting equipment and accessories.
- Personal Protective Equipment such as safety harnesses, fall protection system and lifelines.
- Scaffolding
- Forklift trucks
- Manlifts, MEWP, Scissor Lifts etc
- Port Handling Cranes
- Tower Cranes & Hoists
- Overhead Cranes
- Crawler and Truck mounted cranes, etc

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NON DESTRUCTIVE TESTING (NDT)

Apave has a well appreciated and internationally recognized reputation for its Non-Destructive Testing (NDT). Years of innovation and development efforts are the base of our experience and knowledge.

Our wide range of Conventional NDT services are as follows:

- Radiography Testing (X-ray & Gamma Ray)
- Pipeline Radiography using X-ray Crawlers.
- Ultrasonic Testing
- Magnetic Particle Testing (fluorescent & Non- fluorescent)
- Penetrant Testing (fluorescent & Non- fluorescent)
- Magnetic Flux Leakage Inspection (Tank bottom Floor & Above ground Piping/pipelines)
- Positive Material Identification
- Ferrite Measurements
- Video scope
- NDT of Gas turbines during Shutdown
- Post Weld Heat Treatment (PWHT)
- Eddy Current inspection (ECT)
- Metallographic Examination (Replica).
- Thermography
- Vacuum Box Testing
- Turn Around NDT Inspections.
- UT Baseline Survey and Re-inspections for the Corrosion Management/ Assent Integrity/RBI Program
- Supply of NDT & Inspection equipment, accessories and consumables.
- Cathodic Protection Surveys



Advance/ Specialized NDT Techniques

Our wide range of NDT services are as follows:

- Digital Radiography
- Real Time Radiography
- Magnetic Flux Leakage Inspection (Tank bottom Floor & Above ground Piping/pipelines)
- ACFM
- EMAT
- Time of Flight Diffraction (TOFD)
- Phased Array UT (Corrosion monitoring & Weld Scanning)
- Eddy Current Tube inspection (ECT)
- Pulsed Eddy Current Testing (PEC)
- Remote Field Eddy Current Inspection (RFET)
- Internal Rotary Inspection System (IRIS)
- UT Wall Crawler- Scorpion
- Pipeline Auto UT Weld Inspection
- Aerial Inspections
- Rope Access Inspections

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TRAINING

As a French leader in the field of risk management training, APAVE contributes to improving performances by means of competency development.

The training is carried out by our in-house professionals who work on and manage our clients concerns on a daily basis.

We offer more than 8000 courses worldwide in many languages on the following:

- **Technical competencies (electricity, Mechanics, Hydraulics, Welding, NDT etc)**
- **Risk Management & Prevention for industry (OSHA, Hazop, Atex etc)**

Our training and certification activities are ISO9001 and ISO EN 17024 certified and our training reference systems include: IEC, EN, BS, ASNT, ASME, API, HSE, OSHA, OSHS 18001 and all relevant codes of practice.

We are member of a number of societies, associations, and/or committees for example ASNT, ASME, COFREND, API, AFNOR, AWS, NACE, TH Hill, LEEA.



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Training Contd....

We conduct the following trainings:

- **Electricity**

- Preparation for the authorization of electricians and non electricians
- Fundamentals of electricity
- Lightning protection systems
- Grounding & bonding
- Explosive atmospheres
- Electrical safety on construction sites

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- **Lifting**

- Risks related to lifting
- Scaffolding inspector
- Daily inspection of lifting equipment
- Rigging level 1 and level 2
- Rigging loft management
- Slings
- Best practice for safe packing and handling of cargo to and from offshore

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-
- **Techniques**

- Defensive driving
- Forklifts operator
- Manlifts / Work platform / Scissor lifts / Aerial lifts operator
- Mobile cranes operator
- Overhead cranes operator
- Auxiliary cranes for loading operator
- Offshore cranes operator
- Mobile cranes operator
- Maniscopic handler operator
- Scaffolding fitter
- Crane familiarization and wire rope inspection
- Equipment installation / maintenance



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Training Contd....

We conduct the following trainings:

HSE

- Confined space entry
- Excavation, trenching and shoring
- Radiation protection
- Transport, storing and handling of dangerous goods
- COSHH - handling of hazardous materials
- Asbestos exposure
- Asbestos safety
- Authorization to work at height
- Ergonomics
- Gestures and postures
- Manual handling
- Hand injuries / most common accidents
- Slips, trips and falls
- Table saws
- R-CAT analysis technique (cause tree analysis)
- Isolation and lockout
- Permit to work
- Hot works: welding, cutting etc
- ABCs of fire extinguishers / Basic fire fighting
- First aid
- Flammable & combustible liquids
- HSE site induction
- Respect of the environment
- HSE management
- Safety in storage management
- Risk awareness and prevention
- Risk and human factors
- Accident investigation
- Safety engineering
- Cargo carrying unit



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Training HSE Contd....

We conduct the following trainings:

- Chemical risk prevention
- Handling gas cylinders
- Risk assessment in construction
- Biochemical hazards in construction
- Concrete safety production and working instruction
- Construction machinery safety
- Construction site environmental health and safety inspection (safety walk down)
- Floor & wall openings
- Construction traffic control
- Rebar coating safety
- Hand power tools
- Hand tools
- Demolition safety
- Emergency planning for construction
- Crisis management and communication
- Oil spill response principles & management and/or oil spill clearance
- Drilling and work over rigs
- Working in above normal temperatures
- Mining safety
- Environmental awareness
- Waste treatment and sorting
- Hazard waste operations and emergency response
- HAZOP member training – Hazards in operations
- HAZOP leader
- Industrial hygiene
- Safety in storage management
- Safety in pressure testing
- Motor vehicles, machinery and mechanized equipment safety (terrain, utility and other specialty vehicles)
- Plant and equipment inspection safety



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Training Contd....

We conduct the following trainings:

- **Management**
 - Strategic business plans
 - Time management
 - Introduction to ISO Generic Standards
 - Internal audit for Quality Management Systems
 - Warehouse management
 - Organizing a construction site safety (how to write HSE plan that works)
 - Safety management for safety personnel

- **Management Systems**
 - ISO 9000:2008 Internal Auditor
 - ISO 9000- QMS Lead Auditor
 - OSHAS- 18001 Occupational Health & Safety
 - ISO 22001:2005- Food Safety management System
 - ISO 27001 Information Security Management System
 - ISO 14001 Environmental Management Systems



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Training Contd....

We conduct the following trainings:

- **Non-Destructive Testing**
 - Radiographic Testing LI & LII
 - Radiographic Film Interpretation
 - Ultrasonic Testing LI & LII
 - Penetrant Inspection LI & LII
 - Magnetic Particle Testing LI & LII
- **Inspection**
 - API 510- Authorized Pressure Vessel Inspector
 - API 570- Authorized Piping Inspector
 - API 653- Authorized Storage Tank Inspector



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Major Projects

Petroleum Development Oman (PDO)

Apave Gulf LLC (Former AIB-Vincotte) is active in Oman since 1999 and one of our Major client is Petroleum Development Oman (PDO). The following major contracts have been completed successfully and two major contracts are still running with PDO as follows:

- PDO#C-882066- Quality Assurance Service Contract- May 1999 – Nov 2003
- PDO#C2K8061- Operation Inspection Services and Asset Integrity Services- July 2001 – July 2005
- PDO#C310379 – GGE- QHSE – Quality Assurance & Project Management Services- Dec 2002 – Feb 2010.
- PDO#C310672 - Operation Inspection Services and Asset Integrity Services- Aug 2005 – Jan 2011.
- PDO#C311149- GGE- QHSE – Quality Assurance & Project Management Services- Feb 2010- Till now
- PDO#C311675- Corporate Manpower Service Contract- Dec 2014 – Nov 2018.



Major Projects

Oman Oil Refineries and Petroleum Industries Company (ORPIC)

Oman Oil Refineries and Petroleum Industries Company is Oman's national refining and petrochemicals company providing 100% fuel to the nation. Apave Gulf is working for various projects in ORPIC delivering high Quality NDT and inspection Jobs as required in order to meet their Reliability and Maintenance requirements. The following are the services provided as part of various contracts.

- NDT Services for 3 years -TSD/244/14
- Advance NDT Services
- Plant Inspection Services for Pressure equipment
- QA/QC Services for Projects.
- Project Management Services.
- Isotope removal and re-instatement services.

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أوربك
Orpic



Major Projects **دليل للنفط ش.م.م.** **DALEEL PETROLEUM L.L.C.**

Daleel Petroleum is one of the leading oil producers in Oman. It is a growing company that has built a very good foundation of ever more efficient production, use of latest technology, ethical business and social responsibility. Apave Gulf LLC (former AIB-Vincotte) is active with Daleel Petroleum Inspection services since from 2014 onwards. Following are the details of the contracts with Daleel Petroleum.

- Daleel-13-227- Asset Integrity Management and NDT Inspection Contract- Oct 2014- Dec 2017.
- Daleel-17-308- Asset Integrity, NDT and Inspection Service Contract- Jan 2018- Till now.

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Major Projects

Oman Oil Company Exploration & Production LLC (OOCEP)

Oman Oil Company Exploration & Production LLC (OOCEP) is an Omani upstream oil & gas company. As a subsidiary of Oman Oil Company SAOC (OOC), OOCEP is driven by upstream investments in line with OOC's strategy of pursuing local and international energy related investments. OOCEP entrusted their Asset integrity and inspection requirements to Apave Gulf LLC since from 2016. Apave Gulf is operating two contracts with OOCEP as follows:

- Asset Integrity, NDT and Inspection Services for Block 60
- Asset Integrity, NDT and Inspection Services for Musandum Gas Plant (MGP)



OOCEP

شركة النفط العمانية للإستكشاف والإنتاج ش م م
Oman Oil Company Exploration & Production LLC



Key Contact Persons

Ali A Muscati – Managing Director
Saji E Joseph – General Manager

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Thank you for your attention