



# FEIPCO AMATCO PETROLEUM FOR OIL SERVICES LTD



FEIPCO AMATCO PETROLEUM for Oil Services Ltd., FAPCO, was established in 2008, with a capital of US\$27.5 million, in Rass El Khaima Free Zone, UAE.

FAPCO's activities mainly in the Oil & Gas sector. With its professional personnel and expertise services along its joint ventures with well-known International companies in the Industry, FAPCO can provide a wide scope of services to include; Engineering & design, fabrication and Supply of EPCC or EPCM (Engineering, Procurement Construction and Commissioning / Construction Management) and provision of total solutions right from concept to commissioning on LSTK basis covering civil, mechanical, piping, E&I including maintenance activities.

We utilize state of the art technology and know-how based on worldwide sources to include International Engineering and Technology firms, manpowered by best local talent, implementing International Codes and Standards such as ASME, ANSI, API, ASTM, IEC ...etc.



## Our Vision & Strategy

FAPCO's strategy is to provide diversified services to clients in the global marketplace at a competitive price. Our company structure and access to local resources have given us a competitive advantage. Through diverse Cooperation with Multinational companies, we are able to maintain International standard of quality and cost effectiveness measures while offering highest level of service.

We are continually expanding our field of activities and diversifying our services in response to the ever-changing demands of the industry.

## In summary

FAPCO has gained vast experience on execution of EPC Contracts on both Brownfield and Greenfield Projects. Company takes over large and complex projects in the upstream and downstream market and delivers with success.



## Typical contractual roles are:

### Engineering Design, Procurement And Construction Contractor

#### Main Contractor

As a Main Contractor, FAPCO assumes full project responsibility for Engineering, Procurement, Construction Supervision and Project Management, performing all tasks from initial planning studies to turnkey delivery.

#### Joint Venture Partner

We do enter into Joint Venture associations with National &/or International firms to design and build projects on a turnkey basis.

#### Engineering Contractor

FAPCO performs any combination of the following activities: Feasibility Studies, Front end engineering design (FEED) for different projects, Basic and Detailed

#### Project Management Contractor

We act as Project Management Consultant, including Construction Management engineering and Supervision on behalf of the client, while managing all aspect of the contractor's personnel.

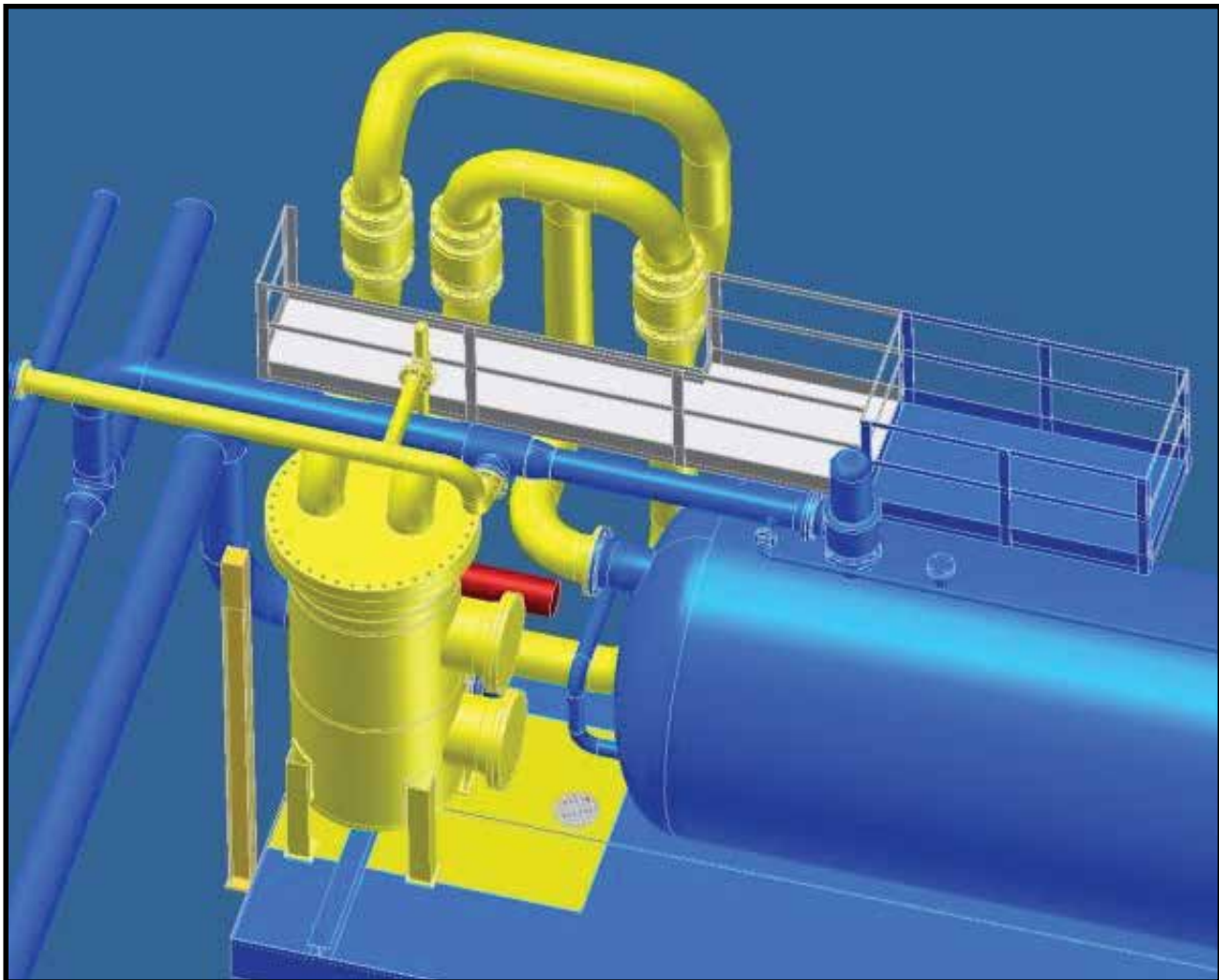
#### Subcontractor

Local & International Contractors can utilize FAPCO as a Subcontractor to provide any of the professional services described above. Our company's expertise has been applied to a wide range of onshore and offshore oil & gas projects.



## HSE Guidelines

We are also committed and diligent to the health and safety of its employees and to safeguarding the environment. Company's Health, Safety, and Environmental Management System describes the company's philosophy and commitment to HSE and details practices, plans, and procedures to manage HSE, by integrating International Standards such as ISO 14001 , OHSAS 18001 and 9001 into the company's business and projects



## Oil & Gas Production

Onshore production, processing and treatment facilities, onshore receiving terminals, applications, pumping stations as well as gas compression stations, structures and floating production facilities.



## Gas Processing

- ◆ Condensate recovery, LPG and NGL
- ◆ Production, gas treatment, sweetening and drying, C2/C3 production, conditioning and LNG projects.

## Gas Processing

### Pipelines

- ◆ Gas/Crude/Products/Multi-Products,
- ◆ Onshore/Offshore Pigging systems,
- ◆ Pumping & Compression stations
- ◆ Pumping stations,
- ◆ Compression stations
- ◆ SCADA and Control systems.



## Tanks Farm Projects

- ◆ Mobilization and Site Preparation.
- ◆ Receiving Materials.
- ◆ Quality Control.
- ◆ Project Management.
- ◆ Safety and Health.
- ◆ Site Inspection.
- ◆ Construction of Tanks.
- ◆ Mechanical Works.
- ◆ Electrical Works.
- ◆ NDT
- ◆ Instrument Works.
- ◆ Painting of Tanks.
- ◆ Hydrostatic Test.





## Power projects

- ◆ Diesel generators units
- ◆ Turbo generator units
- ◆ Electrical substations & net works
- ◆ Civil works





## General Infrastructure

Workshops, laboratory buildings, housing complexes, offices and administration Buildings, control rooms and electrical substation building, roads and site development.



## Our Main Partner:

We have teamed up with world's best:-

AD-Demirel's

Turkey's famous AD-Demirel have more than 50 years of experience in the heavy steel construction field, including fabrication and site installation of Offshore Production / Drilling Platforms incl. Auxiliary Structures, Complete Units for Oil Refineries and Petrochemical Plants, Gas Terminals, Pressure Vessels, Drums, Columns, Reactors, Gas Boots, Scrubbers / Skimmers, Mud Tanks, Thermal Oxidizers, Desalter Vessels, Pre-fabricated Pipes, Plant Piping and Pipelines, Manifold Skids, Pressure Reduction and Metering Stations, Pumping Stations, Pig Launching and Receiving Stations / Pig Traps, Separators and Filtering Equipment's, Knock-Out Drums, Boilers, Heat Exchangers / Tube Bundles, Direct / Indirect Heaters, Air Coolers, Stacks / Ducts, Flares, Field Erected Production / Storage Tanks, Natural Gas Compressors, Fuel Gas Supply Systems, MEG Regeneration and Reclamation Systems, Dehydration Units and Line Heaters, Pipe Handlers for Drilling Operations, Skid Mounted / Package Process Equipment's and all Kinds of Heavy Steel Structures.

## Basic Engineering Services

- ◆ Process Description and PFD's
- ◆ Process Plant Optimization
- ◆ Plant operation, control and shutdown philosophies
- ◆ Equipment sizing & specifications
- ◆ P& ID's, Plot Plans and Layouts
- ◆ Pipeline route and layout drawings
- ◆ Instrumentation lists and data sheets
- ◆ General Specifications and codes

### Horizontal Cylindrical Double-Shell Tanks with the Inside Capacity 25 m<sup>3</sup>

**General View of Horizontal Cylindrical Double-Shell Tanks with the Inside Capacity 25 m<sup>3</sup>**

Horizontal cylindrical double-shell tanks with the inside capacity 25 m<sup>3</sup> (PTO-25 m<sup>3</sup>) are designed for receipt and underground storage of gasoline and diesel fuel at gasoline filling stations and complexes.

- 1 - Horizontal double-shell tank in assembly
- 2 - Support
- 3 - Belt
- 4 - Neck with cover
- 5 - Flame arrester ПП50Н
- 6 - Inlet valve КГ180
- 7 - Valve СДМК-50
- 8 - Drain coupling МСМ
- 9 - Wedge gate valve ДУ80
- 10 - Wedge gate valve ДУ50
- 11 - Wedge gate valve ДУ40
- 12 - Pressure-vacuum gage ДА1001

\* - dimension for reference

### Steel Grating of Grades ПБ2-510

**Grating General View**

Grating of grades ПБ2-510 is made with dimensions 900x2,405 mm and 800x2,405 mm from a metal plate with the thickness 5mm, accordingly. The grating is used for stairway flights, walkways and technological platforms.

Plate Number	Billet Thickness, mm	Feed B, mm	Sell Spacing B, mm	Plate Height H, mm	Stretching Size at Every Stamping Pass, A, mm	Weight of 1m <sup>2</sup> , kg
510	5	10	110	20,5	12,5	24,7

### We offer for supply:

Metal structures of vertical cylindrical welded tanks for oil, petroleum products, water and other liquids

Tank metal structures are fabricated according to special designs developed for specific operating conditions:

- with fixed roofs;
- with floating roofs;
- with pontoons;
- with protective shells («glass in glasses»).

(Metal structures of pontoon and floating roof tanks may be supplied with seals)

#### Design Variants of Metal Structures of Tanks Fabricated by the Rolling Method.

**a) without pontoon**  
Cylindrical Welded Steel Tank with Umbrella Roof and Spiral Stairway

- 1 - Roof\*
- 2 - Bottom
- 3 - Drain pipe support
- 4 - Supporting ring
- 5 - Grounding lug
- 6 - Roof nozzle
- 7 - Drain
- 8 - Breathing valve
- 9, 10 - Nozzle
- 11 - Mixer
- 12 - Spiral stairway
- 13 - Roof platform and railing
- 14 - Roof manhole
- 15 - Shell manhole
- 16 - Inspection hatch
- 17 - Shell panel

\*Supply of a cone roof tank is possible

**b) with pontoon**  
Cylindrical Welded Steel Tank with Umbrella Roof and Circular Stairway

- 1 - Roof\*
- 2 - Pontoon
- 3 - Bottom
- 4 - Stiffening ring
- 5 - Guide poles
- 6, 10 - Tank equipment
- 11 - Circular stairway
- 12 - Platform and ladder
- 13, 16 - Manholes
- 17 - Shell

\*Supply of a cone roof tank is possible

## Detailed Engineering Services

- ◆ Process, utilities and off-sites detailed design
- ◆ Instrument and control systems
- ◆ Material specifications and requisitions
- ◆ Piping layouts, and detailed design
- ◆ Pipeline alignment sheets
- ◆ Electrical systems detailed design
- ◆ Site development, foundations, structures and buildings detailed design.

## Project Management & Control Services

- ◆ Project procedures and execution plan
- ◆ Project management activities covering engineering, procurement and construction supervision phases.
- ◆ Progress evaluation and reporting
- ◆ Planning and scheduling
- ◆ Cost engineering, budgeting and estimating
- ◆ Suppliers drawings management and control
- ◆ Prequalification and selection of Main Contractors, Suppliers and Construction Firms.
- ◆ Basic and Detailed Engineering Review (on behalf of Client)
- ◆ Construction Supervision





## Construction Management

- ◆ Construction contracting
- ◆ Construction planning, scheduling and monitoring
- ◆ Construction resources allocation
- ◆ Constructability studies
- ◆ Construction supervision
- ◆ Field technical support
- ◆ Project provisional and final acceptance procedure
- ◆ Health, safety and environmental control



SARAYTU STORAGE TANK CONSTRUCTION

## Equipment Fabrication & Coordination

Our company performs complete management and coordination of the local fabrication function, starting from detailed fabrication drawings preparation to subcontracting and managing the fabrication activities at subcontractors' workshops for the following:

- ◆ Pressure Vessels, Columns, Shell/Tube Heat Exchangers
- ◆ Dehydration Packages
- ◆ Flare Systems
- ◆ Chemical Injection packages
- ◆ Separator Package

## Pipeline Engineering & Construction

FAPCO employs fully qualified specialists in its Pipeline Engineering Department, responsible for all aspects of onshore pipeline engineering.

The main pipeline engineering activities cover the following:

- ◆ Pipeline design basis and feasibility studies
- ◆ Pipeline route selection and survey
- ◆ Pipeline hydraulic design including two phase flow analysis
- ◆ Complete mechanical design of pipelines



## The following details description of the above services

- ◆ Pipeline specifications
- ◆ Material selection and Wall thickness calculations
- ◆ Stress analysis Studies
- ◆ P/L alignment drawings
- ◆ Buoyancy Calculations
- ◆ Anchor Blocks Calculations
- ◆ Thermal Expansion Calculations
- ◆ Buckling Calculations
- ◆ Coating and wrapping
- ◆ Cathodic Protection
- ◆ Material Requisitions including material specifications and PO preparation

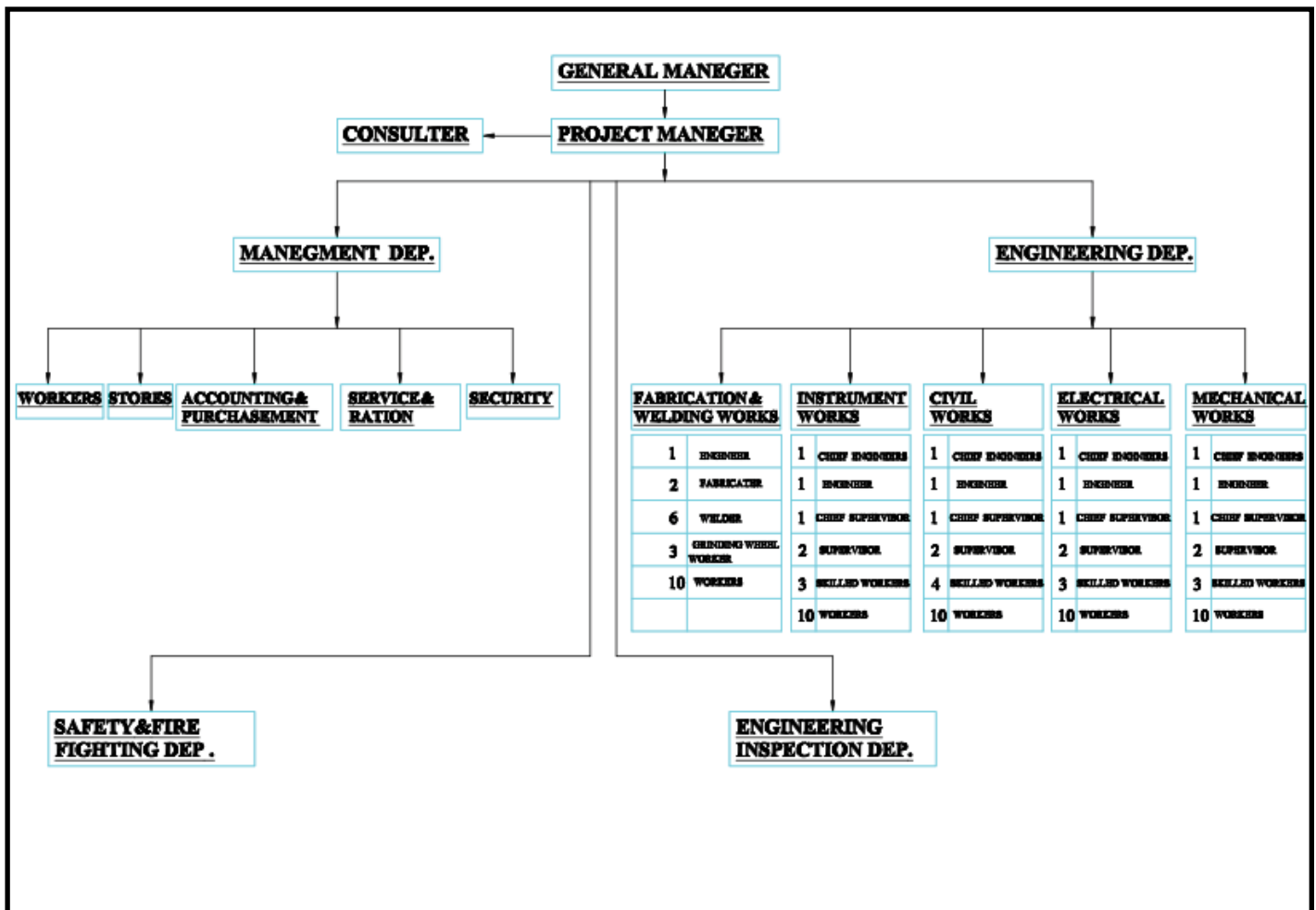




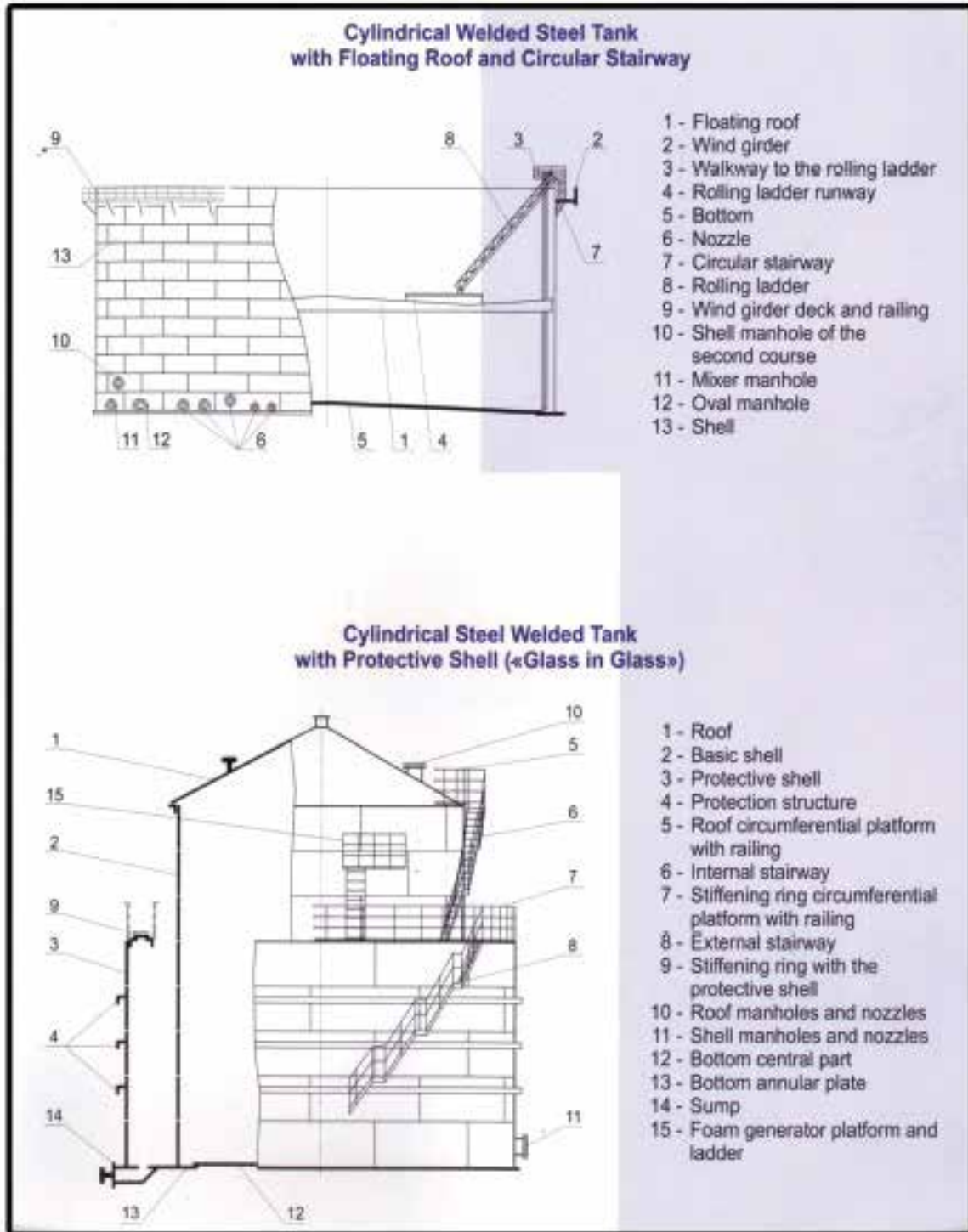
# FAPCO's Organization Layout

Our company's organization is designed according to projects and site requirements in order to obtain excellent results and to conclude each project successfully.

The chart below details the layout in full



# Type of Tanks



## Our Clients







Government of Ras Al Khaimah, Free Trade Zone Authority

No. 475

## CERTIFICATE OF INCORPORATION

The Registrar of Ras Al Khaimah Free Trade Zone Authority HEREBY CERTIFIES pursuant to the International Companies Regulations, 2006, of Ras Al Khaimah Free Trade Zone, that all the requirements of the regulations concerning the formation of International Company having been satisfied,

### FEIPCO AMATCO PETROLEUM FOR OIL SERVICES LTD.

is incorporated at the Ras Al Khaimah Free Trade Zone under the perception and the seal of the Ras Al Khaimah Free Trade Zone Authority as an International Company on this 15<sup>th</sup> day of January, 2008



Given under my hand and seal at Ras Al Khaimah in the UAE

Registrar





FEIPCO AMATCO PETROLEUM  
FOR OIL SERVICES

is a Contractor member  
in good standing.

International Association  
of Drilling Contractors  
2013



FEIPCO AMATCO PETROLEUM  
FOR OIL SERVICES

is a Contractor member  
in good standing.

International Association  
of Drilling Contractors  
2014



FEIPCO AMATCO PETROLEUM  
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is a Contractor member  
in good standing.

International Association  
of Drilling Contractors  
2012



FEIPCO AMATCO PETROLEUM  
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is a Contractor member  
in good standing.

International Association  
of Drilling Contractors  
2011



FEIPCO AMATCO PETROLEUM  
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is a Contractor member  
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International Association  
of Drilling Contractors  
2010



EIPCO AMATCO PETROLEUM  
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International Association  
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2009



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International Association  
of Drilling Contractors  
2008

A night-time photograph of an industrial refinery or petrochemical plant. The scene is illuminated by numerous bright lights, creating a complex network of white and yellow highlights against a dark blue sky. In the foreground, there are several large, cylindrical storage tanks and a dense network of pipes and walkways. The background shows more industrial structures, including tall distillation columns and various processing units, all interconnected by a complex system of pipes and scaffolding. The overall atmosphere is one of a busy, active industrial facility.

## Contact us

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