Global Projects & Services Provider for Energy & Chemical Industries

OIL & GAS PRODUCTION FACILITIES

OIL & GAS PRODUCTION, STORAGE, TRANSPORTATION AND REFINING SOLUTIONS
INTRODUCTION

Pyramid E&C is a multi-cultural Company having the core competence of delivering comprehensive solutions for Oil & Gas Production, Storage, Transportation and Refining facilities. We endeavour to service Hydrocarbon Asset owners in all stages of development, commencing from Feasibility Studies through Engineering, Project Execution, Delivery and Operation of facilities.

Pyramid E&C specializes in fast track deliveries by investing in pre-engineered and / or pre-fabricated equipment ready in stock. Most of the solutions offered by us are in modular construction and can be shipped in sizes to suit site logistics & configuration. We also carry out financial engineering and equity participation for qualified opportunities.

Founded in 1995, Pyramid E&C now operates from major energy hubs at UAE, UK, India, Iraq, Oman and Singapore to fully understand market needs and ensure high quality & fast track project delivery and operation services.

Project Management

Pyramid E&C manages its own as well as customer's projects using its team of seasoned project managers and robust operating procedures to control engineering, procurement, yard fabrication and construction sites of Hydrocarbon projects.

Pyramid E&C utilises standard contracting practices and has deployed robust information system to plan, track and manage complex multi location projects.

Fast Track Modular EPC Solutions

Pyramid E&C offers a range of production solutions suitable for quick deployment and operation which can be shipped within a matter of weeks. While the modules are getting ready at yard, the site construction is managed under Pyramid E&C supervision with HSE and Quality system as per international standards.

Pyramid E&C has prequalified vendors and contractors for all the materials and services required for Hydrocarbon industry. Our project control department has multi-discipline Engineering and Quality Management specialists to review vendor documents and carry out physical inspections and Factory Acceptance Tests to ensure right materials reach site.

Pyramid E&C has its own Modular Fabrication Yard admeasuring 20,000 m² with 8000 m² covered area. The Yard is close to Mundra port in Gujarat, Western India. Due to its proximity to jetty, Pyramid E&C can ship large process equipment and modules weighing upto 800 tons in a single piece.

Rentals and Build Own Operate

Pyramid E&C has flexible business models to suit needs of Asset owners including rentals of production systems with or without operation support or Build, Own and Operate services with option to purchase.

Operations Management

Pyramid E&C provides operation support to owners to ensure that plants keep delivering profitable performance and adhere to Health and Safety norms. This includes provision of supervision personnel, operation teams and technical services.
Pyramid E&C provides the complete solution chain from Well Head to retail outlets comprising of Production, Refining, Storage and Transportation facilities for onshore as well as offshore Oil & Gas industry, the range of solutions includes:

**Extended Well Testing Facilities**

Pyramid E&C has standard well testing units suitable for 10000BPD Crude Oil throughput rated upto 1440 psi. These units are supplied complete with choke manifold, flow measurement system and testing laboratory. The units are equipped with instrumentation to observe production rates and accumulate production history. A mobile laboratory is supplied with the unit for onsite testing and field evaluation.

**Early Production Facilities**

Pyramid E&C has generic, pre-engineered modular units for 5000 and 10000 BOPD Crude Oil Production, these facilities comprise of several containerised modules suitable for road transport.

These facilities are reasonably complex to provide Saleable Product for mid range Crude Oil between API 20° - 35°

**Onshore Central Production Facilities**

Once the production profiles are established and a long term investment is justified, Pyramid E&C offers the Complete Production Facility comprising of Oil, Gas and Produced water treatment trains compliant to environmental regulation and long design life with required infrastructure, Storage, Pipelines and utility systems. These facilities too can be offered as a modular solution up to certain size to minimise site engagement.

**Offshore Production Facilities**

Pyramid E&C has experience in modularised systems for offshore production facilities and provides complete topsides from its Mundra Modular Fabrication yard for following installations:

- Offshore Platforms
- Rig Conversions (MOPU)
- Ship Conversion (FPSO)

In cooperation with the ship conversion partner, Pyramid E&C provides complete solution for Floating Production and Storage operation (FPSO) from its Dubai office.

**Field Diesel Units**

For operators drilling in a remote area, availability of Diesel could be a challenge. Pyramid E&C supplies standard mobile units for 200 BPD Diesel production. The unit extracts Diesel from Crude Oil, other products are mixed with Crude Oil and dispatched. The units are portable and can be started and shut down as needed.

**Topping Units**

Pyramid E&C supplies Modular refineries comprising of Crude Distillation and Stripping sections to produce straight run Diesel, Naphtha, and Gas Oil for drilling and power generation purpose.

The units are environment friendly and are supplied complete with Desalting, Produced water Treatment, Flaring, Storage and utilities to operate on a standalone basis.

**Gasoline Refineries**

Pyramid E&C builds refineries for automotive fuels e.g. Diesel and Gasoline from Crude Oil and Condensate. The units comprise of Crude Distillation unit to produce straight run Diesel followed by Naphtha Treatment Complex to produce high octane gasoline.

Pyramid E&C deploys state of the art hydrocarbon processing technology to produce Euro III/ Euro IV fuels and meet all environmental regulation. The units comprise of new equipment are guaranteed for 30 years operation life. The plant is modularises to a great extent and balance site construction is managed by our experienced construction management team and local construction partners.

**Compact GTL**

Pyramid E&C is working in cooperation with the leading research facilities with its competitive engineering and fabrication capabilities to create viability for the emerging small scale Gas to Liquids technology.
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