



Gasco Engineering

INNOVATIVE ENERGY SOLUTIONS

Delivering advantage, innovation and success

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Section 1
THE COMPANY

The GEPL Company

Oil and Gas production and transportation is a vital industry, critical to our energy hungry world. In Pakistan, Oil & Gas Industry was in very early ages and it was very much required to get things done on the ever-developing technology. On the contrary, the industry and end-use customer needed articulate, close to customer and prompt approach. This state of affairs led to the establishment of Gasco Engineering Services in 1990, in commercial capital of the country.

The demands were ever growing and service scope was extending. In order to expand its capital base and meet the increasing requirement of capital finance, more partners were taken in and were renamed in 1993 as **Gasco Engineering (Private) Limited**.

During these years, GEPL has gained an enviable reputation in the Oil & Gas industry with its efficient service and excellent post-project follow-up. It has carried out significant contracts for many, major Oil & Gas companies over the years.

Quality is a key factor in every project with internal, independent audits being carried out at each stage in the project life cycle.

The company has its registered office in Karachi.



GEPL Vision

to be the global oil & gas industry's premier facilities and infrastructure provider, admired by customers and employees for consistently delivering and rewarding excellence.

To achieve this, we will:

- work to world-class standards
- focus always on customer satisfaction
- respect the environment and be sensitive to the communities in which we work
- promote and reward on merit

GEPL Mission

To grow its business by providing competitive products with added advantage of close Customer service through professional people, expanding in full diversification and to exceed the expectations of every client through commitment to excellence, honesty and responsiveness.

Board of Directors

Following are the members of the Board of directors in Gasco Engineering (Private) Limited.

The Founder

S. H. Hadi Naqvi (Late)

The Founder of the Organization

Veteran and dedicated businessman with honest and sincere policies. Mr. S. H. Hadi Naqvi was a Commerce Graduate, started the business with very small capital and through his untiring objectivity and unprecedented determination & resolute, within a short period of time, earned a name and reputation for Gasco in Oil & Gas Industry.

He hailed from a small village of India and envisaged the energy need and the idea to provide value oriented service to the oil & gas industry started Gasco, with a vision to become the ultimate service provider in the oil & gas industry in Pakistan and internationally.

S. Perveen H. Naqvi

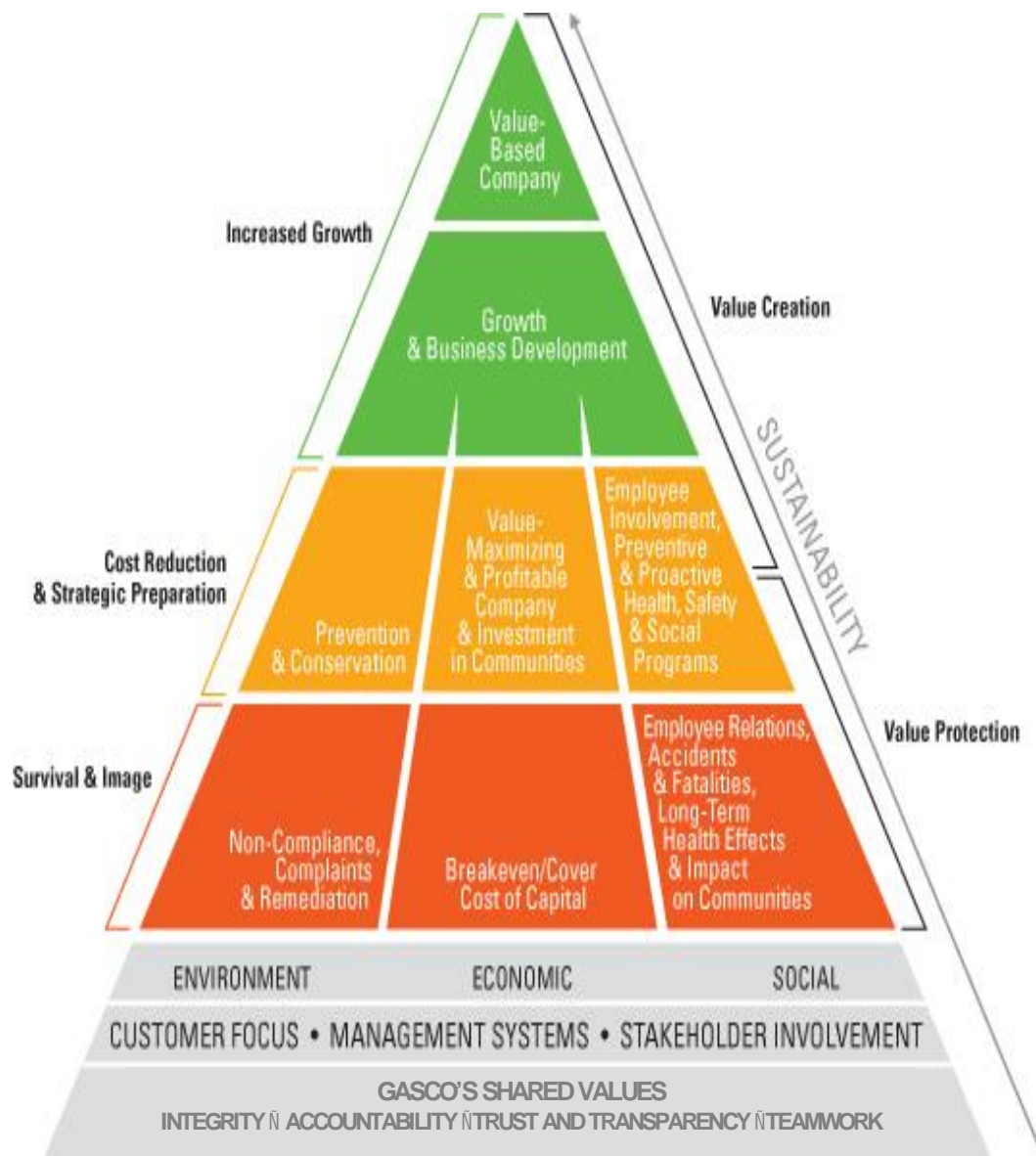
Managing Director of the Company

Directors

- ┆ S. Faysal H. Naqvi
- ┆ S. Raza H. Naqvi

Corporate Growth strategy

- Anticipate customer requirements provide a broad and competitive range of products and services.
- Develop leading and new concepts coupled with beyond customer expectation services.
- Leverage core competency in Oil & Gas equipment.
- Invest in a balanced portfolio.



Building Long – Term value

- ▣ *Growing installed equipment base*
- ▣ *Investing in transferable technologies*
- ▣ *Focusing on operational service efficiency.*
- ▣ *Expanding aftermarket service*

Health, Safety & Environment

Safety

Gasco operates in difficult and hazardous environments and the safety of our people is absolutely paramount at all times. as an organization Gasco wants to eliminate accidents and injuries to people in all aspects of its business.

Environment

Gasco understands the importance of giving proper consideration to protecting the environment and is committed to conducting operations, which minimize environmental impact. Gasco is continuously striving to make good progress in ensuring that environmental considerations are incorporated into project's planning as a matter of course. all new projects include an environmental planning element. Gasco activities and operations underline the requirement of environmental plans and/or impact statements from the outset.

Security

Given the diversity and remoteness of project locations, the security of our personnel continues to be a key issue and Gasco is committed to creating a safe working environment for everyone in our organization. to this end and as part of our approach to risk assessment and risk reduction, processes exist to ensure that our people travel only to locations where the security risk is understood and any mitigation necessary is in place and strictly complied with management teams are regularly briefed to aid their understanding of the changing threat levels at relevant locations.

People

Gasco is a people organization. people in our organization are our most valuable asset. it is our people that create Gasco's competitive edge and ensure that our customers' expectations are not only achieved but are exceeded. as an organization, Gasco believes that its workforce, management and recruitment policies should reflect the diverse communities in which we operate.

Gasco people are,

- ┆ safe*
- ┆ ethical*
- ┆ innovative*
- ┆ cost-conscious*
- ┆ responsive to customers*
- ┆ & always focus relentlessly on delivering results.*

Communities

We are mindful of our responsibilities to the communities where we operate and work hard to ensure that relationships with non-governmental organizations, customers, suppliers, communities and governments are founded on the basis of mutual respect. Community support is delivered in many different ways. the major part of Gasco's support initiatives are focused on training and educational projects, an area where we believe we can make a real difference to the lives of individuals and to communities where we are present. we often work in disadvantaged areas and communities where educational provision is often poor or very limited and believe that the projects that we undertake make a demonstrable impact in these areas.

We strive to be acknowledged by our industry as a standard setter in HSE management, an expert in delivering high health and safety performance from diverse workforces in challenging operational environments.

The Gasco management has ultimate responsibility for health and safety performance. This responsibility and the management's commitment to the achievement of health and safety excellence are foundations of our operations management system. Gasco members are committed to,

- a target of zero accidents*
- ensuring our activities are not injurious to health*
- promoting a culture in which all employees share this commitment*
- transparency in the reporting of company's health and safety performance*

SECTION 2
CLIENTELE

Organizations

Gasco has worked for many government organization, Multinational companies and private concerns of repute. Some of them are as under;

Government Companies

- ✦ Sui Southern Gas Company Limited, Karachi.
- ✦ Sui Northern Gas Pipelines Limited, Lahore.
- ✦ Oil & Gas Development Corporation, Islamabad.
- ✦ Pak Arab Refinery Company Limited, Karachi
- ✦ Pakistan Petroleum Limited, Karachi

Multi-National Companies

- ✦ BP Exploration & Production Inc., Karachi.
- ✦ ENI Pakistan Limited Karachi.
- ✦ OMV Pakistan, Islamabad.
- ✦ MOL Pakistan Limited, Islamabad.
- ✦ Orient Petroleum Inc., Islamabad.
- ✦ Petronas Carigali Pakistan, Islamabad.
- ✦ BHP Petroleum, Islamabad.

Private Companies

- ✦ Mari Gas Company Limited, Islamabad
- ✦ Fatima Fertilizer Co. Limited, Sadiqabad.
- ✦ Engro Chemicals Private Limited, Daharki
- ✦ National Refinery Limited, Karachi.
- ✦ Pakistan Oilfields Limited, Rawalpindi.
- ✦ Fauji Oil Terminal Company, Port Qasim.
- ✦ Fauji Fertilizer Company, Sadiqabad.
- ✦ Fauji Jordan Fertilizers Company Limited, Port Qasim.

- ▀ *Fauji Kabirwala Power Plant Company Limited, Rawalpindi.*
- ▀ *Liberty Power Plant Company Limited, Islamabad.*
- ▀ *Petroleum Exploration Limited.*

Offshore Companies



Sharjah Electrical & Water Authority, Sharjah UAE



Geco Mechanical & Electrical Limited, Sharjah UAE



Arwa Trading, Sharjah UAE



Sylhet Gas Fields Limited, Bangladesh



Tullow Oil, Bangladesh

All the projects and services provided by GEPL are the hallmarks of reliability, quality and assurance.

SECTION 3
ARBITRATION /
LITIGATION

Arbitration / Litigation

Gasco has never given slightest displeasure to its clients, hence question of any Arbitration / Litigation do not rise.



SECTION 4
SCOPE OF WORK

Scope of Work

Services rendered by Gasco are very broad based and multifaceted.

Supplies

The material ranges from valves, in assorted size and volume, to turbines and compressors. Quantity and bulk varies in cables, pipe and anodes of different calibre. Hi-Tec measurement and calibration equipment for pipeline, plant and consumer use.

- ✦ Analyzers, all kinds – H₂S, Oxygen, water etc.,
- ✦ Casing Pipes
- ✦ Cathodic Protection Material – All Kinds, anodes (HSL, Magnesium), Splicing Kits etc.,
- ✦ Coating and Protection Materials
- ✦ Compressors (Gas) – Centrifugal, Reciprocating
 - ✦ Wellhead Compression
 - ✦ Gas Gathering
 - ✦ Gas Storage
 - ✦ Vapor Recovery
 - ✦ Pipeline Booster Stations
 - ✦ Injection (Air or Gas)
 - ✦ Gas Lift
 - ✦ CNG
 - ✦ Gas Process
- ✦ Chemicals
- ✦ Engineering and Supplies of Process Gas Plants
 - ✦ Dehydration Unit
 - ✦ Sulphur Recovery Unit
 - ✦ CO₂/H₂S removal-amine or membrane
 - ✦ Refrigeration
 - ✦ Cryogenic
 - ✦ JT fuel-conditioning skids
 - ✦ Diesel & gasoline refineries
- ✦ Pipe & Pipe Fittings
- ✦ Pressure Vessels

- ┆ Generators
- ┆ Instrument Air Compressors
- ┆ Insulators & Monolithic Joints
- ┆ LPG Cylinders
- ┆ LPG Filling / Bottling Plants
- ┆ Fittings, all kinds
 - ┆ Regulators
 - ┆ Spindle Sets
 - ┆ Valves
- ┆ Metering Station
- ┆ Pipeline Inspection Gauges (PIGs) all kinds
- ┆ Production Equipment
 - ┆ Code & Instrument Manuals on Vessels
 - ┆ Control, Instrumentation & Valve Selection
 - ┆ Separators & Filtration
 - ┆ Gas Dehydrators
 - ┆ Line Heaters
 - ┆ Meter Runs
 - ┆ Gas & Oil Coolers
 - ┆ Environmental Solutions
 - ┆ Liquid Separation
- ┆ Scrubbers – Vertical, Horizontal
- ┆ Separators
- ┆ Steam Boilers
- ┆ Turbines – Gas / Steam
- ┆ Valves - Assorted
- ┆ And more



Engineering and Consultancy



Gasco offers an extensive range of engineering disciplines and houses a full-service design department implementing the latest technology. We utilize a project-based organization structure allocating resources to project teams. Our teams of project managers, construction managers, engineers, designers, and systems integrators specialize in all phases of project execution. Gasco's services include:

PROJECT MANAGEMENT

- ┆ Project Coordination/Interface Management
- ┆ Schedule Development
- ┆ Procurement and Expediting
- ┆ Safety Management and Support (HSE)
- ┆ Document Control Management
- ┆ Cost Control

CONCEPTUAL ENGINEERING

- ┆ FEED Studies
- ┆ Cost Estimating
- ┆ Feasibility Assessments
- ┆ Facility and Plant Upgrade Reviews

DETAIL & DESIGN ENGINEERING

- ┆ Civil/Structural
- ┆ Mechanical
- ┆ Process
- ┆ Electrical
- ┆ Instrumentation
- ┆ Subsea Systems
- ┆ Process Optimization/Debottlenecking
- ┆ Facility Upgrades
- ┆ Process Hazard Analysis Facilitation

PROCESS CONTROL AND AUTOMATION

- ┆ Control System Design
- ┆ PLC/HMI Programming
- ┆ Pre-Commissioning
- ┆ Start-Up

- ┆ Ongoing Operational Support

PIPELINES

- ┆ Route Evaluation and Assessment
- ┆ Hydraulic Modeling and Simulation
- ┆ Stress Analyses for Installation and Operation
- ┆ Survey and Mapping

CONSTRUCTION MANAGEMENT AND INSPECTION

- ┆ Fabrication Oversight
- ┆ Installation Management
- ┆ Material Management

- ┆ Vendor Surveillance
- ┆ Offshore Inspection
- ┆ MMS Level 1 Inspection Surveys

OPERATION SUPPORT

- ┆ Process Reviews
- ┆ Hazard Assessments
- ┆ Commissioning
- ┆ Operation and Start-Up Manuals
- ┆ Turnaround Management and Support
- ┆ Incident Investigation Management
- ┆ Compliance & Process Safety Information
- ┆ Documentation Validation and Updating

Engineering and Construction

Engineering
& Construction

Through the delivery of world-class services, Gasco strives to add value to the activities of its customers and partners across the world.

With a team of more than 1,000 experienced personnel focused on delivering high quality engineering and construction services, we have the capability to design and execute across a project lifecycle.

Services include front-end concept, feasibility and commerciality studies together with full front-end engineering and design (FEED) capabilities.

We also provide extensive engineering procurement and construction services – from initial procurement, inspection and testing right through to installation and start-up services.

Services available within Gasco Engineering & Construction include:

- ▣ Consultancy
- ▣ Engineering design
- ▣ EPC
 - ▣ Compression Stations
 - ▣ Gas Processing Plants
 - ▣ Early Production Facilities / Extended Well Testing Facilities
 - ▣ LPG Plants
 - ▣ Gas Pipeline / Flow line



Rental Equipment

Consistency in economic policies, growth in the Oil & Gas sector and most importantly the ever-changing needs of the industry are evolving new avenues in the Oil & Gas sector of Pakistan.

The evolution of industry, in addition to creating new avenues, is giving the opportunity to companies like us to look beyond our usual surfaces and step into new ventures like providing equipment on the Rental Basis.

The concept of providing compressors, gas processing, treating, production facilities on Rental basis is not a new one to the Oil & Gas industry worldwide. Companies are offering services of this concept on a regular basis. However, definitely, it is the beginning of a new chapter in Pakistani Oil & Gas Industry.

Gasco is the first Pakistani company ever to be involved in a project of providing Gas Compressors, Gas Production/treating/processing Facilities on Rental Basis along with the Operation & Maintenance of the said facilities throughout the services life maintaining the highest quality, service and availability standards.



Outsource Warehousing

The interest & activities of multinationals in Pakistan have increased immensely over the past few years.

The evolution of Oil & Gas industry, where creating new avenues, is also providing the opportunity to companies like us to look beyond our usual surfaces and come up with the new ideas and concepts to serve the Industry.

The Industry is looking to cut down their overheads and surcharges as much as possible and is looking for ideas that can serve them to achieve the said.

Therefore, Gasco is working on developing the idea of **OUTSOURCE WAREHOUSING** on behalf of esteemed customers.

Outsource Warehousing will provide the companies with a convenience of not managing and replenishing their stocks on their own, to cut down on their surcharges, overheads and liabilities, and yet having everything lined up and managed for them.

Gasco Engineering (Pvt) Limited, maintains and take care of their stocks to compliment their operations unhindered and hassle free.



Venture Capitals / Development

Gasco Venture Development provides the platform through which customers can access our services under innovative commercial structures that ensure complete alignment. The division delivers investment support on upstream and infrastructure projects where we are providing engineering & construction or operations services.

Working with the owners of oil & gas assets, Gasco Venture Development combines the group's capabilities in the design, build and operation of facilities and infrastructure with a commercial approach to investment, which delivers innovative and effective development solutions and ensures complete alignment. Through the delivery of world-class services, Gasco strives to add value to the activities of its customers and partners. This performance-driven approach is reflected in the variety of commercial models through which Gasco Venture Developments leverages the group's service capability.

Gasco is prepared to risk its own capital, alongside that of its customers and partners and, in so doing, it ensures complete alignment with the objectives of the development. This exposure to the risks as well as rewards of a development's performance can be made in a number of ways, including concessionary structures (such as build-own-operate, gain-share arrangements, performance-driven service contracts) or direct equity investment.



Operations Services

Gasco Operations is active in all areas of Pakistan.

Gasco offers a team of highly trained specialists to manage operate and maintain our customers' equipment. Whether you own your equipment or have it on contract from us, our specialists care for all equipment as if it were property of Gasco – with dedication and enthusiasm. Gasco offers operations and maintenance solutions worldwide that increase our customers' production uptime. By completing equipment maintenance schedules on time, we minimize unscheduled repairs and breakdowns, thereby reducing overall operations cost.

Gasco also has an experienced support staff that is second to none, working directly with manufacturers to troubleshoot engineering and fabrication flaws or ongoing equipment problems. We can put together an operations or maintenance solution for most any type of natural gas or oil process application anywhere in the world, onshore or offshore. We can also track maintenance and inventory with sophisticated, advanced software and communications technology. Applications we regularly serve include:

- Reciprocal Compression
- Rotary Compression
- Turbines
- Compression Stations
- Power Generation
- Process Plants
- Production Equipment
- Wellheads
- Remote Facilities



For experienced, dependable operations and maintenance, Gasco is your provider of comprehensive, worldwide natural gas handling services.

Pipeline Construction

Gasco Engineering is determined to become Pakistan's premier pipeline construction and maintenance company serving the Pipeline Industry throughout Pakistan.

We pride ourselves on our ability to complete our pipeline construction projects in a manner consistent with the utmost regard to environmental protection and employee safety.

Gasco has been serving the pipeline industry by providing safe and efficient pipeline construction and maintenance services.

Beginning in the mid-1980's, Gasco began an aggressive expansion effort while maintaining a dedication to the company's original goal of providing safe quality work; the same high standard of workmanship our customers had come to expect from Gasco Engineering.

Today, our reputation for safety, experienced personnel, quality, efficiency and jobs completed on schedule and under budget is second to none.

Value can't be found in only one aspect of your pipeline construction project, but rather in the balance and delivery of all of your priorities. No matter what arrangement fits your needs, Gasco provides you with an experience base that is second to none, a management team that understands preplanning and organized communication, and a quality result produced safely and on-time. Put Gasco Engineering's commitment to work for you and discover the meaning of value.

Our approach to all aspects of our pipeline construction projects has been adopted as our business philosophy, and as we state in all of our advertising --

"We're proud of our reputation -- ask those we have worked for."

SECTION 5
AFFILIATIONS

Affiliations

Gasco has been working for a long time in affiliation to the companies of repute of foreign origin.

Foreign

Some of our Principals are as under:

- ┆ Alfa Engineering S.r.l., Italy
- ┆ Allied Fittings & Flanges S.r.l., Italy
- ┆ Audubon Engineering, USA.
- ┆ Cameron Compression Systems, USA.
- ┆ Delta Valve S.p.a., Italy
- ┆ Frank W Murphy, UK.
- ┆ Omeca S.p.a., Italy
- ┆ Pietro Fiorentini, Italy
- ┆ Premier Fluids Systems, Canada.
- ┆ Piping Specialties, Canada
- ┆ Rolls Royce Power Engineering, UK
- ┆ Spartan Controls, Canada.
- ┆ Techno Forge S.p.a., Italy
- ┆ Telemagnetica S.r.l., Italy
- ┆ UWG Group
- ┆ Valerus Field Services, USA

SECTION 6
PROJECTS

Gasco Engineering (Pvt) Limited

Client	<u>Engro Fertilisers Company Limited, Pakistan</u>
Project Name	Supply, Installation, & Commissioning for Engro Fertilisers Guddu Power Plant Booster Compressor Station at Guddu Power Plant, Guddu, Sind.
Description	<p>Compressor Installation Works <u>3 Compressors, 7,950 HP – 150 MMscfd</u></p> <ul style="list-style-type: none">- Lifting and Installation- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Package Works<ul style="list-style-type: none">- Compressor Cylinder Installation- Engine Installation- Suction & Discharge Bottles Installation- Scrubbers Installation- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2015
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client **Eni Pakistan Limited, Pakistan**

Project Name Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction for K38 Wellhead Development Project, Kadanwari Gas Field, Tajjal Concession, District Khairpur Sind.

Description

- Scope
 - **Wellheads x 1 no**
 - **Pipelines x 1.4 Kms**
- Wellhead Development
 - Civil Works
 - Pipe Supports
 - Equipment Foundations
 - Mechanical Works
 - Piping Fabrication & Welding
 - Structure Fabrication & Welding
 - Electrical Works
 - Earthing works
 - Cable Laying
 - Instrumentation Works
 - Field Instruments
 - Control Panel
 - Solar Installation
 - IR's, GD's
 - Loop Testing, etc.
 - Equipment Erection
 - Vent Stack, Control Panel
 - CI Skid, Sour Gas Skid
 - Wellhead Cooler

Year 2015

Execution Time 21 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Bhit Wellhead Booster Compressors at Bhit Gas Field, Kirthar Concession, Sind.
Description	<p>Compressor Installation Works <u>10 Compressors, 20,000 HP</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2014 / 2015
Execution Time	210 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for East Valve Stations C2 Booster Compressors at Kadanwari Gas Field, Tajjal Concession, Sind.
Description	<p>Compressor Installation Works - <u>1 Compressor, 600 HP</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2015
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for South Valve Stations C5 / C6 Booster Compressors at Kadanwari Gas Field, Tajjal Concession, Sind.
Description	<p>Compressor Installation Works - <u>2 Compressors, 2760 HP</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2014 / 2015
Execution Time	40 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction Badhra 9 Wellhead Development Project, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellheads x 1 no- Pipelines x 9 Kms- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014 / 15
Execution Time	45 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Relocation & Installation for Badhra 10 Wellhead Compressor at Bhit / Badhra Gas Field, Kirthar Concession, Sind.
Description	<p>Compressor Relocation & Installation Works</p> <ul style="list-style-type: none">- Lifting, Relocation, Installation & Grouting- Inter Skid Piping, Structure- Inter Skid Instrumentation & Electrical- Slug Catcher, Blow Case & Vessels- Civil Works<ul style="list-style-type: none">- Pipe Supports & Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Loopline of 1 Km- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying, Cable Trays Installation- LER & Switchgear Terminations- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation, IR's, GD's- LER Installation works- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler
Year	2014
Execution Time	50 days

Gasco Engineering (Pvt) Limited

Client **Eni Pakistan Limited, Pakistan**

Project Name Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction for K37 Wellhead Development Project, Kadanwari Gas Field, Tajjal Concession, District Khairpur Sind.

Description

- Scope
 - **Wellheads x 1 no**
 - **Pipelines x 2 Kms**
- Wellhead Development
 - Civil Works
 - Pipe Supports
 - Equipment Foundations
 - Mechanical Works
 - Piping Fabrication & Welding
 - Structure Fabrication & Welding
 - Electrical Works
 - Earthing works
 - Cable Laying
 - Instrumentation Works
 - Field Instruments
 - Control Panel
 - Solar Installation
 - IR's, GD's
 - Loop Testing, etc.
 - Equipment Erection
 - Vent Stack, Control Panel
 - CI Skid, Sour Gas Skid
 - Wellhead Cooler

Year 2014

Execution Time 42 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for South Valve Stations C3 / C4 Booster Compressors at Kadanwari Gas Field, Tajjal Concession, Sind.
Description	<p>Compressor Installation Works - <u>2 Compressors, 1980 HP</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2014
Execution Time	50 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction Badhra 10 Wellhead Development Project, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellheads x 1 no- Pipelines x 3 Kms- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	45 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction Miano 18 Wellhead Development Project, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellheads x 1 no- Pipelines x 7 Kms- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	45 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction Miano 16 Wellhead Development Project, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellheads x 1 no- Pipelines x 8 Kms- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler- Compressor Installation Works – 1680 HP<ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping, Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case and Commissioning
Year	2013
Execution Time	72 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction for Latif 10 Wellhead Development Project, Latif Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellhead x 1 no- Pipelines x 6 Kms- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	40 days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Latif Wellhead Compressors at Latif Concession, Khairpur District Sind.
Description	<p>Compressor Installation Works – 6 Compressors, 9180 HP</p> <ul style="list-style-type: none">- Lifting- Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Commissioning- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler
Year	2014
Execution Time	150 Days

Gasco Engineering (Pvt) Limited

Client	<u>Fatima Fertilizer Comapny Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for FFCL NGBC Compressor Station at Mari, Mari Gas Field, Deh Shahbazpur Sind.
Description	Compressor Installation Works – 3 Compressors, 2640 HP <ul style="list-style-type: none">- Lifting- Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- KO Drum / Vessel- Commissioning- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- KO Drum / Vessel- Cooler
Year	2014
Execution Time	60 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for 16" Badhra Main Trunk Line to Bhit Gas Field, Kirthar Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 16", 24 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	68 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil, Pipeline Construction & Remote Station for Latif Development Project Work Package 4, Latif Concession, Sind.
Description	<ul style="list-style-type: none">- Scope<ul style="list-style-type: none">- Wellheads x 4 (Latif 5, 6, 7 & 9)- Remote Stations x 2 (Latif North 1 & Central Valve Station)- Pipelines x 40 Kms (6" & 8")- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	8 Months

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-2 Wellhead Development, Kirthar Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 2.1 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	28 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Latif Compression Phase-1, Latif Concession, Sind.
Description	Compressor Installation Works – 4 Compressors, 4480 HP <ul style="list-style-type: none">- Lifting- Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Commissioning- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler
Year	2014
Execution Time	60 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K36 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 2 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	22 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K31 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 1 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	20 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K35 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 4 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2014
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Kadanwari SVS Compression Station, Kadanwari Concession, Sind.
Description	<p>Compressor Installation Works – 2 Compressors, 2760 HP</p> <ul style="list-style-type: none">- Lifting- Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Commissioning- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler
Year	2014
Execution Time	60 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Bhit 16 Wellhead Development, Bhit Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 5 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	55 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Bhit 14 Wellhead Development, Bhit Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 3.5 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	52 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Bhit 15 Wellhead Development, Bhit Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 4 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	62 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K33 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 5 Kms, Duplex<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	88 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K32 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 3 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Kadanwari K3 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 4 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2013
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Bhit Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 1.2 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K29 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 14 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Surface Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	55 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K-25 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 2 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Surface Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	45 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra Jabal Wellhead Development, Bhit Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 1.2 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack- CI Skid, Sour Gas Skid
Year	2012
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Exploration GmbH, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Sawan-12 Wellhead Development, Sawan Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 3.2 Kms<ul style="list-style-type: none">- Excavation- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	22 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 1.2 Kms<ul style="list-style-type: none">- Excavation (Hard Rock Trenching)- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>BHP Pakistan Petroleum, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil Construction for Zamzama Plant Inlet Manifold Works, Zamzama Concession, Sind.
Description	<ul style="list-style-type: none">- Manifold Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- LV Panels- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	8 weeks

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction Kadanwari K-20 Wellhead Development, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 800 meters DUPLEX<ul style="list-style-type: none">- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Compressor
Year	2012
Execution Time	4 weeks

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Exploration Gmbh, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Sawan 3 De-Bottlenecking Project, Sawan Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 10.5 Kms<ul style="list-style-type: none">- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying
Year	2012
Execution Time	12 weeks

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Exploration Gmbh, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Miano 15 Wellhead Development, Miano Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 5 Kms<ul style="list-style-type: none">- 6 Kms Flowline Retrieval- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	4 weeks

Gasco Engineering (Pvt) Limited

Client	<u>BHP Petroleum Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Zam 8 & 10 Wellhead Development, Zamzama Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 10 Kms DUPLEX<ul style="list-style-type: none">- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	16 weeks

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited, Pakistan*

Project Name *Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K28 / K30 Wellhead Development, Kadanwari Concession, Sind.*

Description

- Wellhead Development
 - Civil Works
 - Pipe Supports
 - Equipment Foundations
 - Anchor Block
 - Mechanical Works
 - Piping Fabrication & Welding
 - Structure Fabrication & Welding
 - Electrical Works
 - Earthing works
 - Cable Laying
 - Instrumentation Works
 - Field Instruments
 - Control Panel
 - Loop Testing, etc.
 - Equipment Erection
 - Vent Stack, Control Panel
 - CI Skid, Sour Gas Skid
 - Wellhead Cooler

Year 2012

Execution Time 6 weeks

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Exploration Gmbh, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Tajjal-4 Wellhead Development, Sawan Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 13.5 Kms<ul style="list-style-type: none">- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Nara Canal crossing – 600 meters HDD- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	12 weeks

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K27 Wellhead Development, Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Flowline Works – 14 Kms<ul style="list-style-type: none">- RoW Preparation, Grading,- Stringing- Pipeline Welding- Lowering, Backfilling, Crowning- Wellhead Development<ul style="list-style-type: none">- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Vent Stack, Control Panel- CI Skid, Sour Gas Skid- Wellhead Cooler
Year	2012
Execution Time	12 weeks

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Construction of South Valve Station (Remote Site) – Earthworks, Civil Works at Kadanwari Concession, Sind.
Description	<ul style="list-style-type: none">- Earthworks<ul style="list-style-type: none">- Sand cutting and filling- Leveling, grading & compaction- Gravel Laying (Hard Capping)- Fence Installation- Civil Works<ul style="list-style-type: none">- Pipe Supports- Anchor Blocks- Pig Launcher / Receiver Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding
Year	2012
Execution Time	4 weeks

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Supply, Design, Installation, Commissioning, Operations & Maintenance of 440 HP Compression Station at West Valve Station, Kadanwari Sind.
Description	<ul style="list-style-type: none">- Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports- Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- main trunk line tie-ins- Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipment's- Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing- Commissioning<ul style="list-style-type: none">- compressor packages- control panel- complete compression station
Year	2012
Execution Time	4 weeks

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K6 Compressor Installation*

Description

- Compressor Installation
 - Civil Works
 - Ground Preparation including grading, excavation, compaction, leveling
 - Pipe Supports
 - Compressor package foundations
 - Mechanical Works
 - Compressor installation & leveling
 - piping fabrication, welding
 - piping radiography, hydrotesting & installation
 - Instrumentation Works
 - Cable laying, tubing installation
 - Control Panel installation, loop testing, hook up and commissioning
 - Compressor Package Commissioning

Year 2011

Execution Time 21 Days

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K23 Compressor Installation*

Description

- Compressor Dismantling
 - Dismantling of compressor from K1 Wellhead along with piping & instrumentation
 - Transportation of compressor package from K1 wellhead to K23 wellhead
- Compressor Installation
 - Civil Works
 - Ground Preparation including grading, excavation, compaction, leveling
 - Pipe Supports
 - Compressor package foundations
 - Mechanical Works
 - Compressor installation & leveling
 - piping fabrication, welding
 - piping radiography, hydrotesting & installation
 - Instrumentation Works
 - Cable laying, tubing installation
 - Control Panel installation, loop testing, hook up and commissioning
 - Compressor Package Commissioning

Year 2011

Execution Time 45 Days

Gasco Engineering (Pvt) Limited

Client	<u>Fatima Fertiliser Company Limited, Pakistan</u>
Project Name	Supply, Design, Installation, Commissioning, Operations & Maintenance of 1700 HP Compression Station at FFCL Compression Site, Daharki Sind.
Description	<ul style="list-style-type: none">- Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports- Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- main trunk line tie-ins- Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipment's- Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing- Commissioning<ul style="list-style-type: none">- compressor packages- control panel- complete compression station
Year	2010
Execution Time	16 weeks

Gasco Engineering (Pvt) Limited

Client	<u>BP Pakistan Exploration & Production Inc., Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation Installation Works of TGA Compressor at Tando Ghulam Ali Remote Facility, Sind Pakistan
Description	<ul style="list-style-type: none">- Compressor Installation<ul style="list-style-type: none">- Lifting and Assistance- Leveling and Grouting- Mechanical Works<ul style="list-style-type: none">- Piping fabrication, welding- Piping radiography, hydrotetsing- Piping installation- Electrical Works<ul style="list-style-type: none">- Cable Laying- Loop Testing- Instrumentation Works<ul style="list-style-type: none">- Instrument Calibration & Installation- Tubing Installation- Commissioning<ul style="list-style-type: none">- Piping system- Electrical cables- Instrument equipment, tubing etc.
Year	2010
Execution Time	1 Month

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K24 Wellhead / Flow line Works*

Description

- Wellhead Construction
 - Mechanical / Piping Works
 - Civil / Foundation Works
 - Instrumentation Works
 - Electrical Works
 - Steel Structure Works
- Pipeline Construction
 - 2 Kms Pipeline
 - Fabrication, Welding, Sleeving, sand blasting
 - Radiography, Hydrotesting
 - Lowering, FOC Laying, Backfilling
 - Pipeline Civil Works
 - Anchor Block
 - Pipeline Markers
 - Instrumentation Works
 - FOC Laying & Installation
- Wellhead / Flow line Commissioning

Year 2010

Execution Time 34 Days

Gasco Engineering (Pvt) Limited

Client	<u>BP Pakistan Exploration & Production Inc., Pakistan</u>
Project Name	<i>Mechanical, Installation Works of Missri Oil Handling Facility at Missri ETF, Sind Pakistan</i>
Description	<ul style="list-style-type: none">- Installation<ul style="list-style-type: none">- Loading Arm, Air Compressor- Generator, Horizontal Oil Tanks- Pig Launcher, Separator- Mechanical Works<ul style="list-style-type: none">- Piping fabrication, welding- Piping radiography, hydrotetsing- Piping installation- Pipe Supports, Crossovers- Painting & Coating<ul style="list-style-type: none">- Surface preparation- Sand blasting- Painting- Commissioning<ul style="list-style-type: none">- Piping system- Oil Loading Dock with pumps- 3 Phase Separation- Pig Launcher- Generator
Year	2010
Execution Time	1 Month

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K23 Wellhead / Flow line Works*

Description

- Wellhead Construction
 - Mechanical / Piping Works
 - Civil / Foundation Works
 - Instrumentation Works
 - Electrical Works
 - Steel Structure Works
- Pipeline Construction
 - 2.8 Kms Pipeline
 - Fabrication, Welding, Sleeving, sand blasting
 - Radiography, Hydrotesting
 - Lowering, FOC Laying, Backfilling
 - Pipeline Civil Works
 - Anchor Block
 - Pipeline Markers
 - Instrumentation Works
 - FOC Laying & Installation
- Wellhead / Flow line Commissioning

Year *2011*

Execution Time *32 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K21 Wellhead / Flow line Works*

Description

- Wellhead Construction
 - Mechanical / Piping Works
 - Civil / Foundation Works
 - Instrumentation Works
 - Electrical Works
 - Steel Structure Works
- Pipeline Construction
 - 3.7 Kms Pipeline
 - Fabrication, Welding, Sleeving, sand blasting
 - Radiography, Hydrotesting
 - Lowering, FOC Laying, Backfilling
 - Pipeline Civil Works
 - Anchor Block
 - Pipeline Markers
 - Instrumentation Works
 - FOC Laying & Installation
- Wellhead / Flow line Commissioning

Year *2010*

Execution Time *40 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K21 Compressor Installation*

Description

- *Compressor Dismantling*
 - *Dismantling of compressor from K18 Wellhead along with piping & instrumentation*
 - *Transportation of compressor package from K18 wellhead to K21 wellhead*
- *Compressor Installation*
 - *Civil Works*
 - *Ground Preparation including grading, excavation, compaction, leveling*
 - *Pipe Supports*
 - *Compressor package foundations*
 - *Mechanical Works*
 - *Compressor installation & leveling*
 - *piping fabrication, welding*
 - *piping radiography, hydrotesting & installation*
 - *Instrumentation Works*
 - *Cable laying, tubing installation*
 - *Control Panel installation, loop testing, hook up and commissioning*
 - *Compressor Package Commissioning*

Year *2010*

Execution Time *21 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K19 Wellhead / Flow line Works*

Description

- Wellhead Construction
 - Mechanical / Piping Works
 - Civil / Foundation Works
 - Instrumentation Works
 - Electrical Works
 - Steel Structure Works
- Pipeline Construction
 - 5 Kms Pipeline
 - Pipeline Civil Works
 - Anchor Block
 - Pipeline Markers
 - Instrumentation Works
 - FOC Laying & Installation
- Wellhead / Flow line Commissioning

Year *2010*

Execution Time *40 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *West Valve Station Up gradation Works*

Description

- Cutting / Levelling of 25,000 cum
- Cutting / Levelling / Compaction of 95% of 40,000 cum
- Fence Installation Works – 1000 RM
- Civil Works
 - Septic Tank
 - Toilet
 - Parking Area
- 200 m Access Road

Year 2010

Execution Time 45 Days

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K18 Wellhead Compressor Installation*

Description

- Compressor Installation
 - Mechanical Works
 - Piping
 - Pipe Supports
 - Local Vent Structure
 - Civil Works
 - Pipe Supports
 - Compressor Foundation
 - Vent Stack Structure Foundation
 - Pre-Cooler Foundation
- Installation Works
 - Compressor
 - Pre Cooler
 - Slug Catcher / Blow Case

Year *2009*

Execution Time *33 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *K12 Wellhead Installation Works*

Description

- Wellhead Construction
 - Mechanical / Piping Works
 - Civil / Foundation Works
 - Instrumentation Works
 - Control Panel
 - Choke Valve Instrumentation
 - Solar Panel / Arrays
 - PT's, FT's, Cables & Tubing
 - X-Mas Hydraulic Oil System
 - Electrical Works
 - Steel Structure Works
 - Vent Stack Structure
 - Control Panel Shed
 - Choke Access Platform
 - Wing Valve Access Platform
- Wellhead / Flow line Commissioning

Year *2009*

Execution Time *23 Days*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *Mechanical, Electrical, Instrumentation and Civil Works for 3 years on Call-Out Basis for Tajjal Concession, Sind Pakistan*

Description

- Mechanical Works*
- Pipeline Construction*
- Electrical Works)*
- Instrumentation Works*
- Civil works*

Year *2009*

Execution Time *3 Years – 2009 – 2012*

Gasco Engineering (Pvt) Limited

Client	<u>BP Pakistan Exploration & Production Inc.</u>
Project Name	Mechanical & Construction Works at BPP Khaskheli Gas Field, Sind Pakistan
Description	- Mechanical Works; - Jet Pump Installations - Facility Upgrades - Compressor Installations - New Plant Installation
Year	2009
Execution Time	On going

Gasco Engineering (Pvt) Limited

Client	<u>Petroleum Exploration Limited, Pakistan</u>
Project Name	Supply, Design, Installation, Commissioning, Operations & Maintenance of 900 HP Compression Station at PEL Block 22 Compression Site, Shikarpur Sind.
Description	<ul style="list-style-type: none">- Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports- Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- main trunk line tie-ins- Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipments- Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing- Commissioning<ul style="list-style-type: none">- compressor packages- control panel- complete compression station
Year	2008
Execution Time	6 Months

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited Karachi, Pakistan</u>
Project Name	<i>K17 Flow line and Wellhead Tie-In & Associated Works at Kadanwari Gas Field, Sind Pakistan</i>
Description	<ul style="list-style-type: none">- Pipeline Construction – 3.7 Kms- Wellhead Facility (Mechanical, Civil, Instrumentation, Electrical)- Wellhead Tie-In- Fiber Optic Installation & Commissioning- Pipeline Sleeving- Pipeline Lowering- Pipeline Commissioning- Wellhead Commissioning- And Associated Works
Year	2008
Execution Time	<i>Project was completed within 7 weeks against the scheduled 11 weeks completion / execution period.</i>

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited Karachi, Pakistan</u>
Project Name	Earthworks (Water/Drilling/Mud Pits Restoration, Wellhead Reinstatement) at Kadanwari Gas Field, Sind Pakistan
Description	<ul style="list-style-type: none">- Water Pit Decanting- Mud Pit Decanting- Water Pit Restoration (Backfilling, Compaction)- Mud Pit Restoration (Backfilling, Compaction)- Wellhead Reinstatement (Cleaning, Grading, Leveling, Cutting, Compaction)
Year	2008
Execution Time	Project was completed within 4 weeks.

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited Karachi, Pakistan</u>
Project Name	K18 Flow line Repair Works at Kadanwari Gas Field, Sind Pakistan
Description	<ul style="list-style-type: none">- Excavation- Pigging- Pipeline Removal- Pipeline Repair (Fabrication, Welding, RT)- Pipeline Tie-In- Insulation Sleeving- Hydrotesting- Pipeline Commissioning
Year	2008
Execution Time	Project was initialized including mobilization and was completed including repair and pipeline commissioning within 5 days.

Gasco Engineering (Pvt) Limited

Client Sharjah Electric & Water Authority, Sharjah UAE.

Project Name SEWA Wasit Power Station Sharjah

Description Engineering, Procurement, Installation, Commissioning, Testing / Start Up of 02 Nos. Superior Reciprocating Gas Compressor Packages & 2 x 60 MW Gas Turbines Power Station including Air Compressor, Transformers, Sub Stations and ancillary equipment

Gas Turbine Rolls Royce – USA Trend 60 MW each

Control Panel RR Entronic Control

Compressor Superior MH62 Model

Engine Teco Westinghouse 1500 KW induction Type Motor

Cooler ACE Single Fan, Forced Draft

Control panel On-skid Murphy Control panel

Year 2006

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited, Karachi Pakistan.*

Project Name *Bhit Gas Field, Sind*

Description *Half Life Overhaul of RB 211 Gas Generators
Half Life Refurbishment of Rolls Royce Refurbished RB 211
Gas Generator*

Year *2006*

Execution Time *1 year and 6 months*

Principal *Rolls Royce Power Engineering UK*

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited</u>
Project Name	Bhit Gas Field Project
Description	Supply of 01 No Spare RB 211 Gas Generator for the Bhit Gas Field.
Year of Assignment	2006
Execution Time	Supplies were completed within 06 months.
Principal	Rolls Royce Power Engineering, UK

Gasco Engineering (Pvt) Limited

Client *Oil & Gas Development Corporation, Islamabad.*

Project Name *Bobi Gas Field*

Description *Restaging of Ajax Compressor Packages – 05 Nos
Supply of Spare parts of Ajax Gas Compressors (05 Nos.)*

Year *2004*

Execution Time *Project was completed within 3 months.*

Supplier *Cooper Energy Services, USA*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Ltd, Karachi.*

Project Name *Bhit Gas Field.*

Description *Supply of Two Year Operating Spares to Lasmo Oil Pakistan Ltd for the 3 Gas Turbines, Rolls Royce manufactured purchased for the Power Generation of their newly developed Bhit Gas Field.*

Year *2002*

Execution Time *Supplies were completed within 6 months.*

Principal *Rolls Royce Power Engineering UK*

Gasco Engineering (Pvt) Limited

Client *Orient Petroleum Inc., Islamabad*

Project Name *Supply of Gas Compressor Package*

Description *Gas Engine Driven Compressor*

Compressor *Ajax Model DPC-2803*
Engine *Composite with Compressor*
Air Filtration *Standard*
Engine Cooling *Standard*

Year *2002*

Execution Time *Supplies were completed within 10 months.*

Principal *Cooper Energy Services, USA*

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited*

Project Name *Bhit Gas Field Development Project*

Description *Supply of 3 Gas Turbines to be installed and produce power for the Bhit Gas Field.*

Year of Assignment *2001*

Execution Time *Supplies were completed within 18 months.*

Principal *Rolls Royce Power Engineering, UK*

Gasco Engineering (Pvt) Limited

Client	<u><i>Oil & Gas Development Company Limited</i></u>
Project Name	<i>EPC Contract of Gas Metering Station at Fauji Kabirwala Power Plant</i>
Description	<i>Two (02) 4" dia senior orifice type fitting meter runs Necessary valves arrangement Two 8", class 600, flanges for upstream and downstream SNGPL facilities connection. Two electronic flow computers, dedicated to each meter run. Pressure, Temperature and Differential Pressure transmitters. On-Line Gas Chromatograph Report printer Room for equipment monitoring and reports printing UPS for 8 hrs of operation</i>
Year	<i>1998</i>
Execution Time	<i>6 Months</i>

Gasco Engineering (Pvt) Limited

Client	<u>Oil & Gas Development Corporation, Islamabad.</u>
Project Name	Gas Gathering System and Gas Transport Pipeline Supply at Panjpir Gas Field
Description	Engineering, Procurement, Construction, Tie-In, Commissioning of Gas Gathering System and Gas Transport Pipeline Supply at Panjpir Gas Field
Year	1996
Principal	Sicon Oil & Gas s.r.l., Italy.
Execution Time	2 Years

Gasco Engineering (Pvt) Limited

Client Sui Southern Gas Company Limited, Karachi.

Project Name Supply of Steam Boilers

Description Design, Engineering & Supply of:
Two Steam Boilers 177,000 LB/Hr
Eight Boiler Feed Water Pumps
Five Condenser Pumps
Three Deaerators
Ancillary Equipment

Principals Sicon Oil & Gas s.r.l., Italy.

Year of Assignment 1994

Execution Time 1 year

***COMPRESSION
PROJECTS***

Gasco Engineering (Pvt) Limited

Client	<u>Engro Fertilisers Company Limited, Pakistan</u>
Project Name	Supply, Installation, & Commissioning for Engro Fertilisers Guddu Power Plant Booster Compressor Station at Guddu Power Plant, Guddu, Sind.
Description	<p>Compressor Installation Works <u>3 Compressors, 7,950 HP – 150 MMscfd</u></p> <ul style="list-style-type: none">- Lifting and Installation- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Package Works<ul style="list-style-type: none">- Compressor Cylinder Installation- Engine Installation- Suction & Discharge Bottles Installation- Scrubbers Installation- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2015
Execution Time	30 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Bhit Wellhead Booster Compressors at Bhit Gas Field, Kirthar Concession, Sind.
Description	<p>Compressor Installation Works <u>10 Compressors, 20,000 HP – 200 MMscfd</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2014 / 2015
Execution Time	210 Days

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Kadanwari Wellhead Booster Compressors at Kadanwari Gas Field, Tajjal Concession, Sind.
Description	<p>Compressor Installation Works <u>5 Compressors, 6,900 HP – 100 MMscfd</u></p> <ul style="list-style-type: none">- Lifting, Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Civil Works<ul style="list-style-type: none">- Equipment Foundations & Pipe Supports- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works, Cable Laying- Panel Terminations, Loop Testing & Verification- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel, IR's, GD's- Loop Testing, Verification, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler- Commissioning<ul style="list-style-type: none">- Pre-commissioning checks & verification- Commissioning, start-up & Performance Testing
Year	2014 / 2015
Execution Time	210 Days

Gasco Engineering (Pvt) Limited

Client	<u>MOL Pakistan Limited, Pakistan</u>
Project Name	Supply, Design, Installation & Commissioning of 17,280 HP (450 MMscfd) Compression Station at Manzalai Early Compression Facility, Tal Block, KPK.
Description	Compressor Package(s) supplies x 13 Units 12 Compressors, 17,280 HP – 450 MMscfd <ul style="list-style-type: none">- Compressor, Cameron MH62- Engine, Cameron Superior 16SGT 2000 HP- Slug Catcher & Blow Case (1500 bpd each)- Cooler <ul style="list-style-type: none">- Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports- Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Grouting- Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- Main trunk line tie-ins- Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipments- Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing- Commissioning<ul style="list-style-type: none">- compressor packages

- control panel
- complete compression station

- After Market Support
 - Spare Parts Inventory
 - After Sales service
 - operations
 - maintenance
 - In-country Maintenance Services
 - Preventive Maintenances
 - Corrective Maintenances
 - Tope End Overhauls
 - Major Overhauls
 - Trouble Shooting

Year 2014 (on-going)

Execution Time 1 Year
(staggered deliveries as per customer production requirements)

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan</u>
Project Name	Supply, Design, Installation & Commissioning of 3,520 HP (260 MMscfd) Compression Station at FFCL Compression Site, Daharki Sind.
Description	<ul style="list-style-type: none">- Compressor Package(s) supplies x 4 Units<ul style="list-style-type: none">- Compressor, Cameron Ajax DPC 2804- Engine, Cameron Ajax DPC 2804 880 HP- Cooler - Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports - Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Grouting - Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- Main trunk line tie-ins - Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipments - Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing - Commissioning<ul style="list-style-type: none">- compressor packages- control panel

- complete compression station
- After Market Support
 - Spare Parts Inventory
 - After Sales service
 - operations
 - maintenance
 - In-country Maintenance Services
 - Preventive Maintenances
 - Corrective Maintenances
 - Tope End Overhauls
 - Major Overhauls
 - Trouble Shooting

Year 2014

Execution Time 1 Year
(staggered deliveries as per customer production requirements)
14 Weeks, FOB Delivery of Compressor

Gasco Engineering (Pvt) Limited

Client	<u>OMV Pakistan Limited, Pakistan</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Installation for Latif Compression Phase-1, Latif Concession, Sind.
Description	<p>Compressor Installation Works – 4 Compressors, 4480 HP (50 MMscfd)</p> <ul style="list-style-type: none">- Lifting- Installation & Grouting- Inter Skid Piping- Inter Skid Instrumentation & Electrical- Slug Catcher & Blow Case- Commissioning- Civil Works<ul style="list-style-type: none">- Pipe Supports- Equipment Foundations- Mechanical Works<ul style="list-style-type: none">- Piping Fabrication & Welding- Structure Fabrication & Welding- Electrical Works<ul style="list-style-type: none">- Earthing works- Cable Laying- Instrumentation Works<ul style="list-style-type: none">- Field Instruments- Control Panel- Solar Installation- IR's, GD's- Loop Testing, etc.- Equipment Erection<ul style="list-style-type: none">- Compressor / Engine Skid- Slug Catcher / Blow Case Skid- Cooler
Year	2014
Execution Time	60 Days

Gasco Engineering (Pvt) Limited

Client	<u>Fatima Fertiliser Company Limited, Pakistan</u>
Project Name	Supply, Design, Installation, Commissioning, Operations & Maintenance of 1700 HP Compression Station at FFCL Compression Site, Daharki Sind.
Description	<ul style="list-style-type: none">- Compression Station Design<ul style="list-style-type: none">- Compressor Packages- Piping Layout / Process Piping- Civil Foundation / Pipe Supports- Civil Works<ul style="list-style-type: none">- Compressor Foundation- Pipe Civil Supports- Mechanical Works<ul style="list-style-type: none">- piping fabrication, welding,- piping radiography, hydrotetsing- piping installation, hook up- Main trunk line tie-ins- Installation Works<ul style="list-style-type: none">- compressor packages- piping, valves and associated equipments- Instrumentation Works<ul style="list-style-type: none">- cable laying, tubing installation- control panel hook up, loop testing- Commissioning<ul style="list-style-type: none">- compressor packages- control panel- complete compression station
Year	2010
Execution Time	16 weeks

Gasco Engineering (Pvt) Limited

Client **BP Pakistan Exploration & Production Inc., Pakistan**

Project Name Supply, Design, Installation, Commissioning, Operations & Maintenance of 02 Nos Ajax DPC 2803 Gas Compressor Packages - 1320 HP for TGA and Tangri Remote Facilities, Badin Concession Sind.

Description

- Compressor Packages
 - Ajax DPC 2803 Engine
 - Ajax DPC 2803 Compressor
 - Air X-Changer 156EH Cooler
 - Associated Skids
 - Valving Assembly Skids
 - Emergency Shutdown Valves
 - Blow Case Skid
- Air Compression System
 - Air Compressor
 - Air Receiver
- Control Panel
 - Allen Bradley w/6" touchscreen

Year 2009

Execution Time 16 weeks

Gasco Engineering (Pvt) Limited

Client *Eni Pakistan Limited Karachi, Pakistan*

Project Name *Engineering, Design, Construction, Tie-In and Commissioning of Remote Wellhead Facilities & Compressor Stations at Kadanwari Gas Field, Sind Pakistan*

Description *Engineering, Design, Construction and Commissioning of Remote Wellhead Facilities & Compressor Stations including*

- *Fabrication (Scrubbers, Pulsation Bottles etc.)*
- *Mechanical Piping / Installation Works*
- *Flow Line installation and Commissioning*
- *Mechanical hook ups and Tie-Ins*
- *Installation of Compressor Package*
- *Tie-In of Compressor Package*
- *Commissioning and start up of Compressor Package*

Year *2008*

Execution Time *Project was completed in 1 month and 15 days - Engineering to Commissioning / Start Up*

Gasco Engineering (Pvt) Limited

Client *Sylhet Gas Fields Limited, Sylhet Bangladesh.*

Project Name *Sylhet Compression, Sind, Pakistan*

Description *Engineering, Procurement, Packaging, Installation, Tie-In, Commissioning, Testing / Start Up, Operations & Maintenance of 01 No. Compressor Packages*

Compressor Cameron Superior MH62

Engine Waukesha 5714 with ESM

Cooler Air X-Changer 16 EH

Control panel On-skid Murphy Panel

With Scrubbers, Pulsation Bottles and accessories

Year *2009*

Execution Time *1 Year*

Gasco Engineering (Pvt) Limited

Client *Orient Petroleum International Incorporated, Islamabad,
Pakistan*

Project Name *Kausar / Umar / Usman / Naimat Basal Compression
Project, Sind, Pakistan*

Description *Engineering, Procurement, Packaging, Installation, Tie-In,
Commissioning, Testing / Start Up, Operations &
Maintenance of 04 Nos. Compressor Packages*

*Compressor GE Gemini F604
Engine Waukesha 7044 with ESM
Cooler Air X-Changer 16 EH
Control panel On-skid Murphy Panel
With Scrubbers, Pulsation Bottles and accessories*

Year *2007*

Execution Time *Project was completed within 6 months – order placement
to start up of the compressor packages*

Gasco Engineering (Pvt) Limited

Client *PETRONAS Carigali Pakistan Limited, Islamabad Pakistan.*

Project Name *Rehmat 2 Wellhead Compression Project, Sind.*

Description *Engineering, Procurement, Installation, Tie-In, Commissioning, Testing / Start Up, Rental Operations & Maintenance of 01 No. Compressor Package*

Compressor Cooper Ajax DPC 600

Engine Cooper Ajax DPC 600

Cooler Cooper Standard Single Fan, Forced Draft

Control panel On-skid Murphy Panel

With Scrubbers, Slug Catcher and Blow Case

Year *2007*

Execution Time *Project was completed within 7 months – order placement to start up of the compressor package*

Gasco Engineering (Pvt) Limited

Client *MOL Pakistan Limited, Islamabad, Pakistan*

Project Name *Makori Early Production Facility, TAL Block, NWFP.*

Description *Engineering, Procurement, Installation, Tie-In,
Commissioning, Testing / Start Up,*

Compressor Cooper Ajax 2802

Engine Cooper Ajax 2802 LE

Cooler Cooper Standard Single Fan, Forced Draft

Control panel On-skid Murphy Panel with Scrubbers, bottles etc.

Year *2006*

Execution Time *Project was completed within 4 months – order placement to start up / testing of the facility*

Gasco Engineering (Pvt) Limited

Client	<u>Lasmo Oil Pakistan Ltd., Karachi.</u>
Project Name	Kadanwari Gas Field Wellhead Compression Project
Description	<p>Engineering, Procurement, Commissioning, Testing / Start Up o 02 Nos. Superior Reciprocating Gas Compressor Packages and operations & maintenance (Compressors on Rental Basis)</p> <p>The scope included; engineering of compressor packages Supply of Compression Facility on Rental basis, Commissioning & Testing, Operations & Maintenance</p>
Year	2003
Execution Time	Project was completed within 10 months – order placement to start up.

Gasco Engineering (Pvt) Limited

Client *Pakistan Oilfields Limited, Rawalpindi, Pakistan*

Project Name *Meyal Gas Field, Punjab*

Description *Engineering, Procurement, Commissioning, Testing / Start Up of 01 No. Superior Reciprocating Gas Compressor Packages*

Compressor Cooper Superior RAM 52

Engine Waukesha L7044 LT

Cooler Ace 150EH Single Fan, Forced Draft

Control panel On-skid Murphy Panel

Year *2005*

Gasco Engineering (Pvt) Limited

Client Sharjah Electric & Water Authority, Sharjah UAE.

Project Name SEWA Wasit Power Station Sharjah

Description Engineering, Procurement, Installation, Commissioning, Testing / Start Up of 02 Nos. Superior Reciprocating Gas Compressor Packages & 02 Gas Turbines, Air Compressor & Transformers

Gas Turbine Rolls Royce – USA Trend 60 MW each

Control Panel RR Entronic Control

Compressor Superior MH62 Model

Engine Teco Westinghouse 1500 KW induction Type Motor

Cooler ACE Single Fan, Forced Draft

Control panel On-skid Murphy Control panel

Year 2006

***ON-GOING
PROJECTS***

Gasco Engineering (Pvt) Limited

Client **Eni Pakistan Limited, Pakistan.**

Project Name Design, Engineering, Installation, Commissioning & Start-Up of Engine Driven Compressor Packages

Principals Cameron Compression, USA.

No. of Packages **13 Units**

Horsepower **26,000 HP**

Flow **260 MMscfd**

Year of Assignment 2014

Execution Time 6 Months

Client **Eni Pakistan Limited, Pakistan.**

Project Name Design, Engineering, Installation, Commissioning & Start-Up of Engine Driven Compressor Packages

Principals Cameron Compression, USA.

No. of Packages **12 Units**

Horsepower **17,280 HP**

Flow **450 MMscfd**

Year of Assignment 2014

Execution Time 1 Year

Gasco Engineering (Pvt) Limited

Client	<u>Eni Pakistan Limited, Pakistan.</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Pipeline Construction for Kadanwari Gas Field Tajjal Concession, Sind
Value	USD 10M
Year of Assignment	2013
Execution Time	3 Years

Client	<u>Eni Pakistan Limited, Pakistan.</u>
Project Name	Mechanical, Electrical, Instrumentation, Civil & Pipeline Construction for Bhit & Badhra Gas Fields Gas Field Tajjal Concession, Sind
Value	USD 16M
Year of Assignment	2011
Execution Time	3 Years

Gasco Engineering (Pvt) Limited

Client **OMV Pakistan Miano NFO Wellhead Development**

Project Name *Mechanical, Electrical, Instrumentation, Civil, Compressor Installation & Pipeline Construction for Miano NFO Wells, Miano Concession, Sind.*

Value USD 2M

Year of Assignment 2015

Execution Time 6 Months

SECTION 7
KEY AFFILIATES



GE Oil & Gas – Reciprocating Compression

GE Oil & Gas (Formerly Cameron Compression Systems) is a division of GE Corporation, which has its headquarters in USA.

GE Oil & Gas is committed to providing sustainable solutions to help customers address some of the world's most pressing challenges. Today, operational efficiency, improved throughput and reduced downtime are essential requirements for the refining industry.

We continue to invest in research and innovative technologies that allow our customers to operate more efficiently and profitably, while complying with regulatory mandates.

Outside of the Americas, GE continues to be represented by main offices in London, Liverpool, Moscow, Dubai, Singapore, & Beijing. In addition we maintain local representatives in many countries in order to be accessible to our markets.

- Reciprocating Compressors*
- Ajax Integral Compressors*
- Screw Compressors*



ENOVATION Controls

Two Powerful Brands, Trusted Application Knowledge, A Team Approach to Enovation

Enovation Controls, LLC combines the wide-ranging control and display capabilities of the Murphy brand with the extensive engine control expertise of the EControls brand to provide customers with a complete solution approach for engine control, protection and monitoring.

Enovation Controls is a leader in the highly attractive, fast growing natural gas market. The company's systems-based solutions are utilized in many markets including: commercial vehicles, natural gas compression and liquids, off-highway, material handling, agriculture and both recreational and commercial marine.

Customer focus and innovation are at the core of the company's commitment to continuous improvement, enabling Enovation Controls to deliver a broad range of innovative control and monitoring solutions for engines and engine-driven equipment to customers around the world.



Valerus Field Solutions

Depending upon region and conditions, natural gas can arrive at the surface carrying potentially destructive impurities or valuable hydrocarbon byproducts in solution. The first constitutes a risk to equipment; the other a valuable opportunity.

Valerus, Member of the SNC-Lavalin Group, offers detailed insight into gas quality and composition in different regions, and works hands-on with producers to identify appropriate processing and treatment solutions. Standardized modular equipment designs support our customers' "speed to market" requirements, and we offer complete facility design, and equipment installation. Our seamless process flow solutions and turnkey facilities ensure that projects are completed on time and meet product specifications.

Valerus processing and treating solutions integrate seamlessly with our compression and production products. Our turnkey installation, startup, and commissioning ensures optimal performance in the field — and provides one point of contact and accountability for continued reliability.

b) Production Equipment

- ┆ Dehydrators
- ┆ Separators
- ┆ Coolers
- ┆ Line Heaters

c) Processing & Treating Equipment

- ┆ Amine
- ┆ Dew Point
- ┆ CO₂ Treating
- ┆ Line Heaters
- ┆ JT plants
- ┆ Crude stabilization
- ┆ Nitrogen rejection



Audubon Engineering

Audubon is a full-service, multi-discipline engineering firm serving the Upstream, Midstream, and Downstream business segments.

Audubon Engineering, formed in 1997, is a professional consulting firm offering multi-discipline engineering design and drafting (process, mechanical, civil/structural, electrical and instrumentation); process control and automation; project management; procurement; construction management and inspection services to a range of Clients in the downstream, midstream and upstream industries. We operate from major offices in Houston and New Orleans and continue to grow as a company with a domestic staff approaching 200 people. As our company continues to expand its team of hard working professionals, we are proud of the talent and dedication we bring to our Clients.

Audubon Engineering is committed to meeting today's aggressive project schedules while maintaining unsurpassed quality control of our deliverables. We are dedicated to establishing Audubon Engineering as the leader in providing cost-effective solutions to our Clients in the Oil & Gas industry. Audubon Engineering is a technology-based engineering firm that has compiled many projects utilizing licensed processes or Client-supplied process technology. Specifically, Audubon's expertise is in process design, detail engineering, and management of full EPC projects.

Audubon capabilities, within each industry sector, are described below:

Upstream

- ┆ Fixed Offshore Facilities
- ┆ Wellhead Caissons
- ┆ Field Development
- ┆ Production Barges

- ┆ Tank Batteries
- ┆ DOI and DOT Pipelines
- ┆ Onshore Facilities
- ┆ Subsea Tiebacks
- ┆ Floating/Deepwater
- ┆ Sour Service
- ┆ Dehydration
- ┆ Compressor
- ┆ SCADA & Automation
- ┆ LACT
- ┆ SCADA & Automation

Midstream

- ┆ Transmission Pipelines
- ┆ Compressor/Pump Stations
- ┆ Meter/Regulator Stations
- ┆ Gas Processing & Treating
- ┆ Facilities
- ┆ Gathering Pipelines
- ┆ Gas Storage Facilities
- ┆ Production Storage Terminals
- ┆ Barge Loading
- ┆ Sulfur Recovery Units

Downstream

- ┆ Chemicals and Petrochemicals
- ┆ LNG
- ┆ Energy & Power Production
- ┆ Petroleum Refining



Spartan Controls

Spartan Controls offers a complete range of products and services to meet any process control challenge. For more than 35 years, Spartan has served the industry with quality products, technical expertise, after sales support, on-site consultation, service, and training.

When you choose Spartan, you benefit from the following advantages:

Responsiveness

- ┆ The right product at the right time.
- ┆ Full support services available 7 days/wk, 24 hrs/day to customer sites in Alberta, Northeastern British Columbia, and NWT.
- ┆ International support service for customer sites around the world.
- ┆ In-house repair and remanufacturing capability.
- ┆ Direct link to factory expertise for solving any process challenge or obtaining special-order equipment.
- ┆ In-depth customer training.

Knowledge

- ┆ Engineering expertise in process control solutions for the Oil & Gas, Pulp & Paper, Chemical, Utility, Food & Beverage, and other industries.
- ┆ Factory-trained service and configuration technicians.
- ┆ In-house SCADA and compressor panel integration.
- ┆ Assessment and performance tuning specialists.
- ┆ Valve automation expertise.
- ┆ ISO 9001-1994 certification at our Edmonton distribution facilities.
- ┆ CSA approval at our Spartech Manufacturing facility for in-house certification of custom assemblies for general purpose and hazardous locations.

SECTION 8
ATTACHMENTS

Gasco Engineering (Pvt) Limited

Certificate SG11/03445

SGS

The management system of

Gasco Engineering (Pvt) Limited

501, Amber Estate Building, Shahra-e-Faisal,
Karachi, Pakistan.

has been assessed and certified as meeting the requirements of

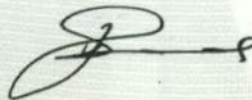
ISO 14001:2004

For the following activities

**Operations & Maintenance and
EPCC (MEIC) Contractor**

This certificate is valid from 29 April 2014 until 28 April 2017
And remains valid subject to satisfactory surveillance audits.
Re certification audit due before 13 March 2017
Issue2. Certified since 29 April 2011

Authorised by



SGS United Kingdom Ltd Systems & Services Certification
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com



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Gasco Engineering (Pvt) Limited

Certificate CH11/0640

SGS

The management system of

Gasco Engineering (Pvt) Limited

501, Amber Estate Building, Shahra-e-Faisal, Karachi, Pakistan.

has been assessed and certified as meeting the requirements of

OHSAS 18001:2007

For the following activities

**Operations & Maintenance and EPCC
(MEIC) Contractor.**

This certificate is valid from 25 July 2014 until 10 May 2017
and remains valid subject to satisfactory surveillance audits
Recertification audit due before 13 April 2017
Issue 2. Certified since May 2011



Authorised by

S. L. Khan *Ch. Khalid*



Accreditation No. 017

SGS Société Générale de Surveillance SA Systems & Services Certification
Technoparkstrasse 1 8005 Zurich Switzerland
t +41 (0)44 445-16-80 f +41 (0)44 445-16-88 www.sgs.com

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Gasco Engineering (Pvt) Limited

Certificate SG11/03444

SGS

The management system of

Gasco Engineering (Pvt) Limited

501, Amber Estate Building, Shahra-e-Faisal,
Karachi, Pakistan.



has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities

Operations & Maintenance and EPCC (MEIC) Contractor

Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2008 requirements may be obtained by consulting the organisation

This certificate is valid from 29 April 2014 until 28 April 2017
And remains valid subject to satisfactory surveillance audits.

Recertification audit due before 13 March 2017

Issue 2. Certified since 29 April 2011

Authorised by



005

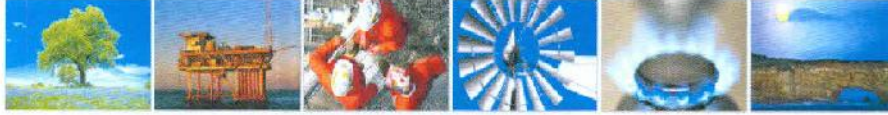
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Gasco Engineering (Pvt) Limited



Gasco Engineering

HS&E Policy Statement

Gasco Engineering will make proper provision for the health, safety and welfare of its people, visitors and contractors and those in the community who may be affected by its activities. It will care for the environment through a commitment to good environmental practices. Continual improvement will be achieved by implementing the Company's Health, Safety & Environment (HS&E) Management System and related standards, which will include the setting of objectives and targets. As a minimum the Company will meet relevant legal industry and other requirements.

The Company aims to reduce the health, safety and environmental impacts of its products, services and processes and prevent pollution by utilizing a structured risk management approach, taking into account the needs of its customers and society at large. All new activities will be assessed for environmental impact and appropriate health and safety provision.

Managing Directors / Directors are responsible for enacting this policy and giving HS&E equal priority with all other business issues. Implementation will be through line management who will involve employees in the achievement of the Company's objectives. They will be advised by an adequate number of competent occupational health, safety and environmental professionals.

It is recognized that accidents, ill health and environmental incidents may result from failings in management control and are not necessarily the fault of an individual employee. All employees, however, are expected to accept their responsibility to work safely, adhering to safety rules and work procedures using safety equipment provided, and generally to contribute to the maintenance of safe and healthy conditions. They also have a duty to be environmentally responsible and to have regard for environmental controls.

The Company is committed to effective communication and consultation on HS&E matters with all relevant parties and will report internally and publicly on its HS&E performance on a regular basis. It will provide appropriate health, safety and environmental training to employees to enable them to meet the required standards of performance.

Whilst we are each responsible for health, safety and the environment, we do much better when we work as a team. Protecting the environment and promoting the welfare of both our people and the community matters to us all.

S. Perveen Hussain
Managing Director



Gasco Engineering (Pvt) Limited



Gasco Engineering

Quality Policy Statement

It is the policy of Gasco to provide our clients superior quality research, development and technical services that meet the highest standards of professional performance, satisfy client requirements and deliver exceptional value. We achieve this through team work and by striving to continuously improve our products and services. Furthermore, we work with our clients to define requirements and clarify expectations, including cost and time constraints. We ensure that our products and services comply with requirements and meet or exceed client expectations. Finally, we recruit, develop and retain highly qualified and motivated staff.

Gasco is committed to meeting our valued client's satisfaction by providing the best value in Engineering, Procurement, Construction, Supports & Services by:

- Consistently meeting or exceeding our Client's expectations for product quality and performance.
- Recognizing the Quality is everyone's direct responsibility;
- Timely delivery of products and services to meet our Client's requirements;
- Continuous improvement of our processes, and systems;
- Ensuring our personnel is properly trained so they are better able to serve our Client's.

We will achieve this by:

- Knowing who our Clients are and what they want - through open communication.
- Understanding the requirements of our jobs and the systems that support us - through training and education.
- Making continuous improvement a part of every day and every job - through the use of team participation and measurements.
- Ensuring that our Policy and Procedure Manuals reflect what we actually do.
- Remembering that we are here because of our Clients! Realizing our Clients are the reason we have our jobs, and that through on-time delivery of quality parts at a fair market price is how we will keep them!
- Helping each other to help ourselves!
- Providing Right First Time culture in performing all our activities.
- Identifying, understanding and managing a system of interrelated activities for maximum effectiveness and efficiency.
- Continually improving all activities with active involvement of our employees.


S. Perveen Hussain
Managing Director



Gasco Engineering (Pvt) Limited



This certifies that

Gasco Engineering (Pvt) Limited

HAS COMPLETED A TRACE BACKGROUND REVIEW

AND IS A MEMBER IN GOOD STANDING

September 1, 2010- August 31, 2011

A handwritten signature in black ink, appearing to read "Alexandra Wrage", is written over a horizontal line.

ALEXANDRA WRAGE, PRESIDENT



Gasco Engineering (Pvt) Limited

Book No. A 08062

Serial No. A 806129

MEMBERSHIP CERTIFICATE

MEMBERSHIP NO. 59418

Name & address of Chamber **Karachi Chamber of Commerce & Industry.**
Association

Aiwan-e-Tijarat Road, Off: Shahrah-e-Liaquat,

KARACHI-74000 (PAKISTAN)

(Affiliated with the Federation of Pakistan Chambers of Commerce & Industry)

CERTIFIED that **M/s. GASCO ENGINEERING (PVT) LTD.**

501, Amber Estate, Shahrah-e-Faisal, Karachi. (Name and address of Member Firm / Company)

G.S.T. No. N.T.N. No. **0676604-8**

is a member of this Chamber
Association

31-MAR,2009

THIS CERTIFICATE shall be valid upto the..... unless
(date)

otherwise notified to the NTN / GST Registration authority / Scheduled Bank
concerned.



Given on this **01st** day of **APR** 20 **08**

Signature of Secretary *[Handwritten Signature]*

Countersigned by *[Handwritten Signature]*
(name and designation)

Gasco Engineering (Pvt) Limited

GOVERNMENT OF PAKISTAN
COLLECTORATE OF SALES TAX (EAST ZONE) KARACHI

CERTIFICATE OF REGISTRATION
(Under Sales Tax Act, 1990)

(01) NAME M/S. GASCO ENGINEERING (PVT) LTD
(02) ADDRESS 501, AMBER ESTATE, SHARAE FAISAL,
KARACHI.

(03) You have been registered as:

~~(1) Manufacturer~~ (2) Importer ~~(3) Exporter~~
~~(4) Distributer~~ (5) Wholesaler Retailer
~~(7) Ship Breakers~~

This means that you must:

- (i) Charge Sales Tax on all taxable supplies made during the course of taxable activity.
- (ii) File a return in the designated bank relating to a month on or before the 20th of the following month.
- (iii) File a Nil - Return even if no taxable activity takes place during the current tax period.
- (iv) Abide by provisions of sales Tax act 1990, and rules made there under.


(04) Your Sales Tax Registration Number is:

12-00-8544-002-82

(05) Date of Registration: 07-MAR-98

(March 07, Nineteen Hundred Ninety Eight.

(06) This number must be shown in the tax return and on all the invoices issued by you and quoted in all your correspondence with the Sales Tax Department.


ASSISTANT COLLECTOR (Sales Tax)
(Registration & Information Division)

Gasco Engineering (Pvt) Limited

**GOVERNMENT OF PAKISTAN
REVENUE DIVISION
CENTRAL BOARD OF REVENUE**

NATIONAL TAX NUMBER CERTIFICATE
(Issued under section 20 of the Finance Act, 1999)

National Tax Number (NTN) 0676604-8

Name: GASCO ENGINEERING (PVT) LTD

**Address: 501 AMBER ESTATE BUILDING SHAHRAH-E-FAISAL KARACHI
PHONE NO: 4547334**


Status/Nature: Company

NIC/Firm Reg./Company Inc Number: K-04910/1993-94



This certificate shall be prominently displayed at a conspicuous place of the premises in which business or work for gain is carried on. It is also required to be indicated on the signboard wherever it is affixed.

Date of Issue 04/10/2006

Chairman



Gasco Engineering (Pvt) Limited

  QUESTIONNAIRE Ref.:
K-73-
Commercial.

C.C. PAKISTAN I&E

Government of Pakistan

IMPORT TRADE CONTROL


This is to certify that

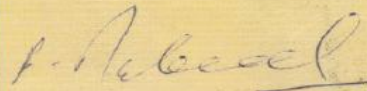
Messrs.....GASCO ENGINEERING (PRIVATE) LIMITED.....

Address 501, AMBER ESTATE SHARAH -E- FAISAL,
KARACHI .

.....

*are registered as importers with the Chief Controller of Imports
and Exports, Karachi, and have been allotted Registration
No. W 440954 until further orders.*


(SALAHUDDIN CHAUDHRI)
Chief Controller of Imports
and Exports.


Export
Govt.

7/2/54