Reliable Energy Partner Innovative Energy Solutions













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

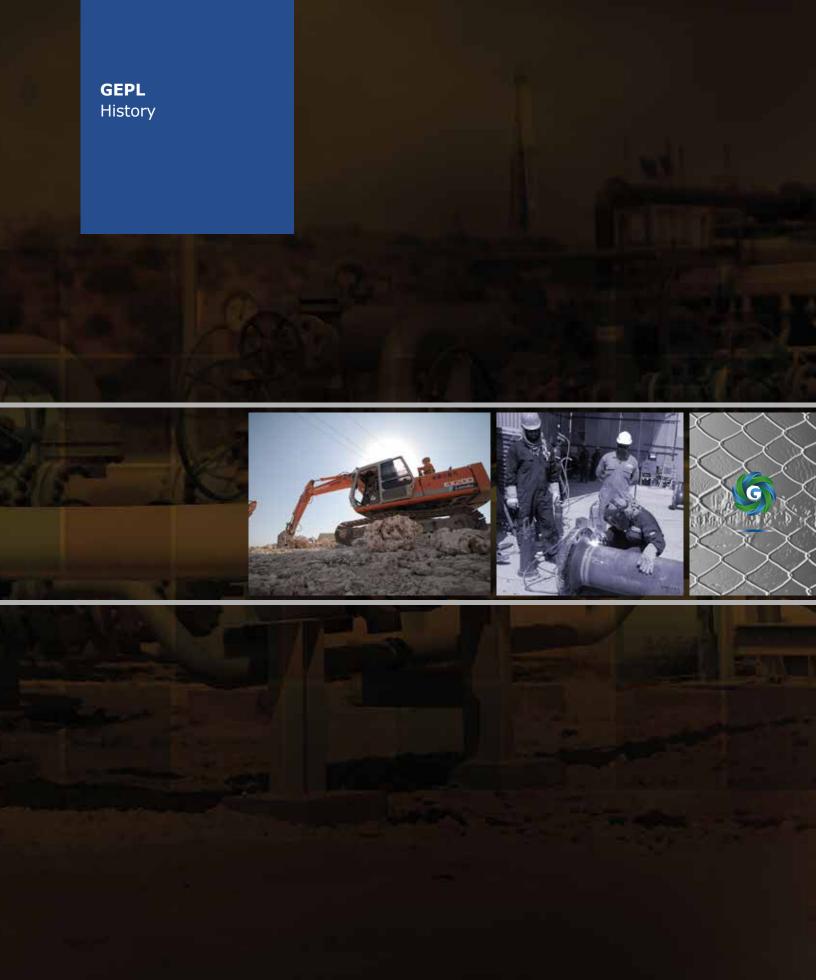
Gasco to be the global oil & gas industry's premier facilities and infrastructure provider, admired by customers and employees for consistently delivering and rewarding excellence.



To achieve this, we will:

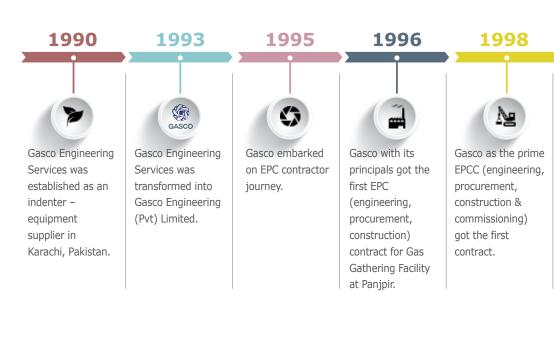
- work to world-class standards
- focus always on customer satisfaction
- respect the environment and be sensitive to the communities in which we work
- promote and reward on merit
- GEPL mission To grow its business by providing competitive products with added advantage of close customer service through professional people, expanding in full diversification and to exceed the expectations of every client through commitment to excellence, honesty and responsiveness
 - GEPL values Conduct business with dedication, Integrity and Fairness
 - Focus on our customer's needs and satisfaction
 - Continuously train our employees and improve our processes
 - Provide high quality products and services
 - Reward employees on merit and promote teamwork
 - · Maintain safe and healthy working environment
 - Compliance and respect all communities, environmental and legal requirements

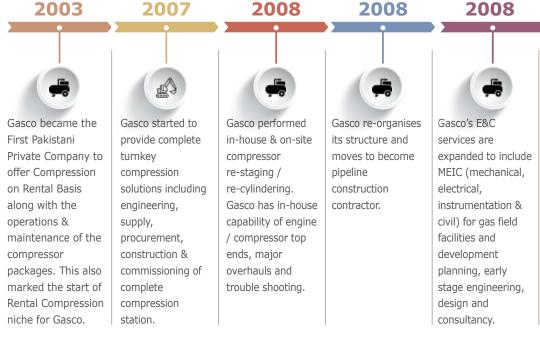
Arbitration/ Litigation Gasco has never given slightest displeasure to its clients, hence question of any Arbitration/Litigation does not arise.



GEPL history







2016



Gasco became the premier cross-country pipeline contractor executing flagship RLNG 42" Pipeline Construction Project for National Gas Transmission Company.

2016 Gasco established itself as a full-cycle Integrated EPCC Contractor.

About the **FOUNDER**



A Dedicated, Goal-Oriented Veteran, who had firm believe in integrity and perseverance, started Gasco way back in 1990.

Mr S.H.Hadi Naqvi, the founder of GASCO, was a commerce graduate, started with scarce resources which was complemented by his un-tiring nature and utmost zeal had made Gasco, the buzz word in the Oil and Gas industry

Despite having background of a modest and petite town of India, the visionary man envisaged the energy needs of Pakistan for future and decided to contribute in it through stupendous services.

Our respected Founder, Mr. Hadi Naqvi was an exceptional human being and a born-leader. A man far ahead of his time, he personified the gallant entrepreneurial character. With his confidence, courage and conviction, he made impossible-possible. From a humble beginning, he went on to create an enviable business; GASCO is a living testimony to his indomitable nature and an unrelenting commitment to his goals.

We are fortunate to have had a man of Mr. Hadi Naqvi's stature in our midst. His sterling leadership qualities, remarkable foresight, uncompromising pursuit of excellence, humility, prodigious capacity to motivate and trust people will continue to guide and inspire future generations at Gasco. We are proud and privileged to inherit this invaluable legacy.



Board of **DIRECTORS**

Board of **DIRECTORS**





HUSSAIN HADI **NAQVI**

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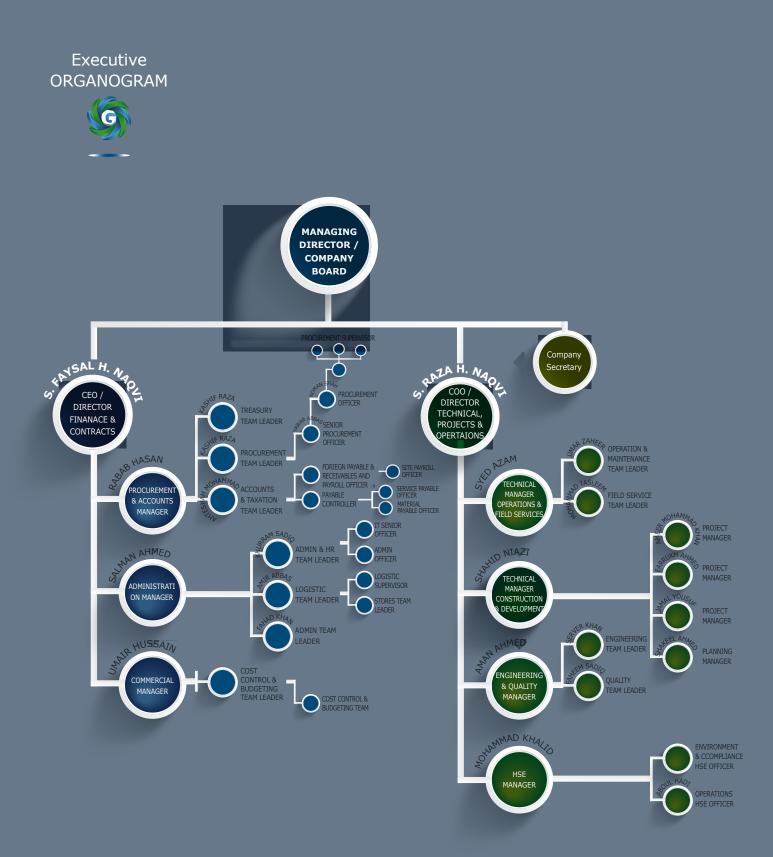
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PARVEEN H **NAQVI** managing director

FAISAL H **NAQVI** DIRECTOR

RAZA H **NAQVI** DIRECTOR





SCOPE OFWORK Services rendered by GASCO are very broad base and multi-faceted.



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.



GASCO is an environment/community friendly company

COMMUNITY SERVICES:

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 trainings and educational projects, an area where we believe we can make a real difference to the lives of individuals and by in large, to the communities, where we are present.

We often work in disadvantaged and less previliged areas and communities, where educational provisions or facilities are very poor or limited to a very low level. We believe and strive that the project we undertake, should make a demonstrable impact in those areas.



Scope of work: **SERVICES**

CE

G



G

Venture Capitals / Development

Rental Equipment

GASCO SUPPLIES



Services rendered by GASCO are very broad base and multi-faceted.

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 caibre. 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 (HSI Magnesium), Slicing kits etc **Coating and protection materials** Compressors (Das) -Centrifugal, Reciprocating Wellhead Compression Gas gathering Gas storage Vapor Recovery **Pipeline Booster Stations** Injection (Air and Gas) Gas lift CNG Gas process Chemicals Engineering and supplies of Process Gas Plant Dehydration Unit Sulphur Recovery Unit CO2/H2S removal-amine or membrane Refrigration Cryogenic JT fuel-conditioning skids Diesel and gasoline refineries Pipe and Pipe fittings **Pressure Vessels** Generators **Instrument Air Compressors** Insulators and Monolithic Joints

LPG Cylinders LPG filling/bottling plants Fitting, all kinds Regulators Spindle sets Valves **Metering Station** Pipeline Inspection gauges (PIGS) All kinds **Production Equipment** Code and instrument Manuals on Vessels Control, Instrumentation and Valve Selection Seperators and Filtration Gas Dehydrators Line Heaters Meter Runs Gas & oil Coolers Environmental solutions Liquid Seperations Cryogenic Scubbers - Vertical, Horizontal Seperators **Steam Boilers** Turbine - Gas / Steam Valve - Assorted And More

Scope of work: **SERVICES**

Engineering & Design

• 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 includes:

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

Project Management

Schedule Development

Management

(HSE)

Cost Control

Project Coordination/Interface

Procurement and Expediting

Safety Management and Support

Document Control Management



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

Scope of work:

Global Procurement and Supply Chain Professionals Contribute to Clients' Integrated Success.

GASCO leverages international procurement expertise, market knowledge and global supply chain networks to provide the best value for Clients' capital investments. Our procurement organisation manages equipment, materials and services through strategic sourcing, material management, contract management and logistics functions. GASCO advanced sourcing methods, market intelligence and global purchasing volume enable the company to drive cost and schedule certainty for Clients' capital projects.







GASCO SUPPLIES





Our Clients depend on Gasco's expertise for timely procurement of materials and equipment for their projects. We have built a global network of trusted suppliers to meet Client objectives, delivering critical items to projects in a timely manner to meet project schedule and cost requirements. GASCO procurement organization provides Clients with global resources, processes, systems, market knowledge and volume-leveraged pricing to maximise return on investment. We offer reliable project deliveries, innovative performance solutions and project savings through the combination of a global execution platform, industry-leading technologies and goods and services.

Industrial plants consist of several tens of thousands of equipment items. GASCO issues inquiries for the equipment and conducts total services, from procurement to production/manufacturing management and quality inspection as well as transportation to the construction site, under a consistent structure providing responsibility throughout the services. For the selection of equipment, GASCO integrates information from an extensive database and Clients' requirements. GASCO carefully considers

quality, delivery, and total cost, and present the best technical solution. GASCO also conducts complete manufacturing management/quality management during equipment manufacturing as well as during final inspection. All tasks, ranging from transportation planning to customs, shipment, submittal of export approval application to various governmental bodies, and delivery to the construction site, are carefully performed by GASCO. The Project Procurement Manager (PPM) assigned to each project controls this series of procurement services. A PPM who is an expert in all procurement services manages the procurement work that requires complicated and high-level management ability, for the optimization of quality, delivery, and cost.

GASCO has established a reputation for procurement services that fully meet the project needs.

Scope of work:

GASCO can deliver complex, logistically challenging projects anywhere in the country. With a workforce of more than 2,000 employees deployed on projects across the country and 24/7 project-execution capabilities, we deliver projects with the quality and safety our Clients expect. Our national network of construction resources facilitates the effective mobilisation of skilled construction teams and advanced methodologies around the country. Gasco has extensive experience with local considerations and managing culturally diverse workforces.

• GASCO experts bring a wealth of experience to field construction execution, including constructability, craft certification, industrial relations, modularization, rigging and welding services. Our construction teams provide input into the construction scope, optimizing construction activities and offering cost saving suggestions during all project phases. We are often called to the field to facilitate problem resolution.

• GASCO constructability program integrates comprehensive construction competence into each phase of a project, from early project planning, through engineering and procurement, to construction and start-up. When implemented at the front end of a project, this expertise enhances performance throughout all project execution phases. Experienced planning and execution supports the efficient use of minimum/just-in-time inventory and can accelerate the project schedule.





GASCO SERVICES



Fabrication

Fabrication Capabilities to Meet Client Needs.

GASCO technical experts constantly look for ways to streamline project delivery methods. Fabrication is one way we can improve capital efficiencies for ur Clients, regardless of industry. We offer a flexible approach to fabrication solutions, with a range of fabrication options to fit our Clients' specific needs. GASCO comprehensive knowledge of EPC and project management allows us to optimise Clients' overall fabrication and construction configuration for cost and schedule of advantages.

GASCO can bring the highest skill levels and most up-to-date technology direct to your site! GASCO Field Fabrication is a specialty field fabricator and erector of stainless steel tanks, pressure vessels, evaporators, columns, compressors, gas turbines, steam turbines, boilers, conveyor systems and equipment for use in the oil & gas, power, fertiliser, cement, dairy, food, grain, ethanol, and chemical industries. Our field fabrication and service is an experienced team of field specialists in stainless steel, carbon steel, and other alloy materials who supply prompt and responsive service to meet





Advantages of Fabrication

- Advanced sourcing methods
- Early fabrication design to improve constructibility
- Environmental benefits to Clients
- Focused material and equipment procurement planning to support offsite & onsite fabrication
- Global market knowledge / Global purchasing volume
- Modularisation-specific designs
- Quality control / Quality assurance
- Supply chain / Logistics / Expediting





GASCO SERVICES



Maximising revenue and minimizing risk requires a partner that can provide flexible solutions at the speed of today's market, while guaranteeing reliable operation and sharing your commitment to safety and environmental compliance. Axip provides contract compression and production equipment backed by a team of experienced technicians that delivers reliability, flexibility, speed to market, and lower risk.

Reliability,

relentlessly pursuing 100 percent runtime for our customers.

Our holistic approach to maximizing runtime is backed by our 98 percent runtime guarantee.

Our facilities, parts inventories, and qualified technicians are strategically located to ensure optimal runtime and rapid response to service disruption. Performance monitoring and optimization provides an in-depth view of equipment and facility performance, predictive failure analysis, and a preventive maintenance platform for maximum reliability.



Flexibility

designing technical and economic solutions that maximize customer recovery.

Our holistic approach to maximizing runtime is backed by our 98 percent runtime guarantee.

We continuously pursue engineering innovations,

We offer fair, flexible contract options including flow-based contracts and performance-based pricing structures.

Speed to market

reducing the time from inquiry to first production.

Our large compression & production equipment fleet and dedicated engineering and logistics team allows GASCO to align deployment and installation with customer operations, ensuring on-time startup even during periods of rapid expansion.

Pre-designed and engineered solutions from compression and production facilities to condensate gathering systems help customers move from inquiry to operation quickly.

Lower risk

proving our commitment to safety and environmental risk for surface facilities.

Our systems, processes and "safety first" culture have resulted in a safety record that leads our industry

Our safety record has won recognition and awards from customers

Full-service environmental support includes permit acquisition guidance, equipment selection aligned with permitting requirements, compliance monitoring and record-keeping support. Scope of work:



Maintaining safety and reliability while maximizing profit are the core goals of plant operations. To realize this, GASCO offers wide-ranging O&M (operation and maintenance) services for all project stages. GASCO provides O&M services in line with the needs of its clients, including (i) operation preparations, such as planning, system development and training; (ii) consulting services on profit optimisation, and reliability and safety improvement; (iii) maintenance planning and execution; and (iv) full operations services. GASCO applies our wealth of know-how and experience with plant operations, project management, advanced engineering technologies and safety management, and brings direct benefits to its clients.

Gasco offers a portfolio of professional solutions and proven best practice in asset integrity services to meet Clients' business drivers and deliver optimum asset performance. We analyse maintenance approach at a strategic level, to optimise the maintenance strategy for type of production, and deliver cost, efficiency and safety benefits. Operational activities are performed with an extensive pool of readily available, knowledgable and skilled staff. In addition to regular and corrective maintenance, we can plan, prepare and execute turnarounds and modifications. We develop and implement innovative strategies for delivering full asset optimisation.



GASCO SERVICES



Integrated EPC Services

GASCO integrates engineering, procurement, fabrication, construction (EPFC), maintenance and project-management solutions for Clients in diverse industries. GASCO can deliver complex, logistically challenging projects anywhere in the region. Our services encompass both greenfield and brownfield developments.

We provide multi-disciplinary EPCC (Engineering, Procurement, Construction and Commissioning) services with a successful track record for the Oil



& Gas industry. Engineering, Procurement, Construction & Commissioning are vital steps that can save time and effort. Additionally, they make a project easy to coordinate and monitor for effective execution of a project. Consolidating and integrating these phases reduce costs and minimise risks while ensuring the safety and solidity of a construction. Our strength is to fast track EPCC projects in a cost-effective manner and built according to the highest quality of standards. We are focused on meeting our clients' expectations, emphasising on confidence, teamwork, technical expertise and value, in every aspects of our projects.

Our range of service Includes:

- Design and Conceptualising
- Manufacturing and Assembly
- Installation and Commissioning
- Engineering and Construction
- Complete Project Management

Scope of work:



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 WARE-HOUSING 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.



GASCO SERVICES



Venture Capital

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.







