



PETROSERV

CORPORATE PROFILE



Overview

TEAM WORK

EXPERIENCE

INNOVATION





WELCOME TO PETROSERV

PETROSERV is a wholly owned Qatari company and one of the leading EPIC/traditional contractors in the State of Qatar. Established in 1978 PETROSERV has an enviable, proven track record with a large variety of Qatari and international clients including Ashghal (Public Works Authority), Kahramaa (Qatar General Electricity and Water Corporation), Qatar Petroleum (QP), Private Engineering Office (PEO), Qatar Steel, Qatar Gas, Qatar Armed Forces, Mannesmann Demag, Gencor Beverley, Siemens Vai Pomini, FCB and CCIC, Hyundai and Iberdtola.

PETROSERV is an ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company that offers a diverse range of engineering and construction services in its three main areas of activity, namely Infrastructure, Oil and Gas and Building.



PETROSERV Vision & Values

Vision

To create sustainable value for all stakeholders through being the leading Qatari multi-disciplinary construction and engineering company with focused business divisions acting in synergy.

Values

Safety

Recognising and internalising that safety is of paramount importance to all, ensuring that it is the way of life in conducting business.

Integrity

Making promises that we can keep, always being honest, ethical and respectful, promoting solution driven actions. Always implementing uncompromising PETROSERV high standards. Taking ownership and being accountable.

Quality

Everyone is responsible for delivering and adding value. Service excellence is a given. We are uncompromising on standards and dissatisfied with the status quo. We must raise standards and be professional.

Team Work

Working together to achieve our goals, doing what it takes for our teams to succeed, never compromising the greater objectives. Always creating positive energy and striving for high performance team status.

Innovation

Believe that we all have good ideas, encourage and harness them. The responsibility to access and share great ideas lies with us all. Be passionate about improvement and embrace creativity, growth, vitality and momentum.



PETROSERV Health & Safety

We are committed to our responsibilities in respect to health, safety and quality, which are an integral part of the way we conduct business. To ensure that these elements are at the forefront of our operations we at PETROSERV develop, implement and maintain systems for health, safety and work quality that are consistent with internationally recognised standards, enabling us to achieve the following:

Health

- Recognise that all employees have a vital role to play in the achievement of the company goals and objectives
- Recognise that all employees want to be a vital part of a successful team
- Create a business environment within PETROSERV that allows all employees to become productive team members as quick as possible
- Allow all employees to realise their true potential without compromising the objectives of PETROSERV or marginalising minorities

Safety

- Entrench safety as a value for all employees that will not be compromised
- Identify, assess and manage risks to employees, contractors, service providers and other stakeholders
- Strive to achieve industry best practice
- Comply with legislation and, where appropriate, exceed applicable legal and other requirements



PETROSERV Quality

- PETROSERV has adopted the international ISO 9001 standard quality system model for quality assurance in design, development, production, installation and servicing as its standard
- PETROSERV is committed to the delivery of quality products and services in full compliance with its contractual requirements
- PETROSERV is committed to continuous improvements of its products, processes, systems and service; this is to ensure "Right First Time" delivery
- PETROSERV urges all employees to participate in achieving its stated objectives, by the effective implementation of a quality management system that is the responsibility of all employees

Responsibility and Accountability

While we hold our leaders accountable for the safety of our people and expect our managers and supervisors to provide effective leadership in health, safety and quality, we expect all individuals to be responsible for their own safety and the safety of others. Management of every division is responsible for the full implementation of health, safety and quality management systems. This requires the allocation of appropriate resources and the provision of training, education, consultation, audits and monitoring to ensure compliance.

In implementing this policy we commit to open, honest communication with our employees and other stakeholders to encourage a culture that reflects the intent of this policy. We will regularly review our performance, report on our progress and ensure that this policy remains relevant to the needs of stakeholders and PETROSERV's standards.





PETROSERV

OPERATIONAL DIVISIONS

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Overview

PETROESRV has a unique combination of technically qualified and experienced people to fulfil the diverse and extensive skills required on construction projects as demonstrated by our proven track record throughout Qatar. PETROSERV has direct access to the resources and equipment required to successfully deliver demanding infrastructure projects in Qatar. Our primary focus is to use our advantages to provide our clients with the most appropriate solutions to meet their needs.

With innovation as one of our core values and the synergies with our other operating divisions PETROSERV'S Infrastructure division has access to the resources required to undertake the scope of works and diverse challenges to fulfil the needs and requirements demanded by our clients.

An integral part in the development of our proven track record has been the growth of our highly skilled and experienced project management teams that can take on the exciting infrastructure projects programmed within Qatar. Emerging from the company's roots in the oil and gas sector, our Infrastructure division developed and specialised in projects associated with Qatar's industrial cities, focusing on the highly systemised and procedure based oil and gas business. Further development has taken the division into the wider field of public infrastructure with the establishment of capability in the fields of:

- Wastewater Treatment
- Pumping Stations
- Reservoirs and Tanks
- Reticulation networks
- Industrial Civil
- Electro-mechanical



Wastewater Treatment

PETROSERV has established itself as a key player in the wastewater market in Qatar in preparation for the major domestic and industrial wastewater projects programmed. Our teams have undertaken the design and construction of new and upgrades to wastewater treatment plants in Qatar, including:

- 3 MLD Dukhan Industrial City STP
- upgrade of Qatar Gas on and off shore sewage treatment plants
- 30 MLD Upgrade to the existing Industrial Area Sewage Treatment Facility comprising:
 - Sequencing Batch Reactor (SBR)
 - nutrient Removal
 - Ultra Filtration (UF)
 - disinfection (Chlorine)
 - Sludge Treatment
- 5 MLD Upgrade to the existing Al Khor Sewage Treatment Works comprising:
 - Tanker Reception Facility
 - Sequencing Batch Reactor (SBR)
 - nutrient Removal
 - disinfection – ultra Violet (uV)
 - Sludge Treatment
 - Effluent Pumping Station Upgrade



Pumping Stations

Extensive experience in the design and construction of new pumping stations and upgrades has demonstrated PETROSERV's expertise and proficiency in the delivery over a wide range of pumping sizes handling media: sewage, ground and surface water, treated sewage effluent and potable water. Our clients include Ashghal (Public Works Authority) Kahramaa (Qatar Water and Electricity Corporation), Ministry of Defence, the Emiri Guard and Qatar Petroleum (QP).

Challenging projects PETROSERV have taken on include:

Upgrading of Umm Salal Water Station - design, construct and commission new pumping station at a site to supply distribution network. The works comprised:

- Pump house and control building
- Electromechanical work
- 4 No 450 l/s VFD pumps
- 12 km of 1,200, 900, 600 and 400 dia. dI rising mains.
- Chamber construction
- Power and control cabling
- Instrumentation and control system, including SCADA interface
- Hydraulic study for Umm Salal piping, pumping and reservoir systems
- Surge and transient analysis and protection
- Substation

Refurbishing and Upgrading Works at Various Pumping Stations - 3 no. pumping station and two rising mains as follows:

- PS 17: 250 l/s 2 km 450 dia. dI forced main
- PS W1: 840 l/s 8.0 km of twin and 3.5 km of triple 500 dia. dI forced main, total pipework length of 26.5 km
- PS 40: 1,000 l/s



Reservoirs and Tanks

PETROSERV has all the skills, experience and equipment required to construct a wide range of reservoirs and tanks, through design and build and traditional contracts. These are constructed as standalone projects or as part of other major civil works.

Our clients include Ashghal (Public Works Authority), Qatar Armed Forces, Qatar Petroleum (QP) and the Emiri Guard.

PETROSERV has developed the key skills required to deliver water retaining concrete structures to the highest standard interfacing with electro-mechanical works and meeting the hydraulic performance requirements. PETROSERV is ready to take on reservoir and tank works on the major Qatari works programmes.

Industrial Civil

With its origins in the oil and gas business, almost all of PETROSERV's business systems have been developed to ensure consistent delivery of successful projects in this precise and demanding environment. Accordingly, PETROSERV has been particularly well positioned in the market to expand into Industrial Civil. Our primary focus in this market sector is the industrial development of green and brown field sites within Qatar's Industrial Cities. PETROSERV has the knowledge, experience and ability to compete in these markets where the customer is more demanding and better understands the benefits of higher quality build and safety standards. PETROSERV has undertaken a number of prestigious projects either on its own, or as a partner to some of the most reputable international construction companies.



Reticulation networks

PETROSERV are expert in the field of trench excavation and piping networks being arguably the leading Qatari contractor in this field. Combined with our experience in microtunneling, we are uniquely placed to deliver, and have experience in, reticulation projects both in the developed urban environment and the undeveloped areas of Qatar. PETROSERV has installed hundreds of kilometres of pipeline for major clients in Qatar including Ashghal (Public Works Authority), Kahramaa (Qatar General Electricity and Water Corporation), Qatar Petroleum (QP) and the Private Engineering Office (PEO).

Our major projects include:

- Al Azizia Area drainage & Outfall: comprising surface and ground water drainage networks, trunk mains and an attenuation tank in the Al Azizia area of doha, Qatar. A total open cut pipe length of 44.5 km and 4.0 km of microtunneling
- Abu Hamour Area Drainage—Phase 4
- Urgent Construction of 400mm. Dia. Rising Main For PS-37 Mirrikh Area
- Extension of Ain Khalid Area Ground Water Lowering System
- Construction of TSE Main to Al-Rakhiya Farm
- Construction of Treated Sewerage Effluent (TSE) pipeline
- ROM Sewage Treatment Plant (STP) to dukhan Township
- Construction of Sewage, Water and Utility Services for Hospital and Accommodation development in dukhan and TSE Pipelines for dSSA
- EPIC of 24" waterline from Kahramaa metering chamber to QP storage tank
- Potable Water, Fire Fighting and Sewerage Systems for Amiri Guards at Barzan Camp
- Water and drainage related infrastructure services for Central Training Camp development at Sailiyah
- development of Barzan Camp – Phase 2 – Package 5 - Infrastructure
- Cultural Village Project - Marine & Beach Works including Sewerage Rising Main



Electro-mechanical

With its origins in the oil and gas business, PETROSERV has developed an electro-mechanical business dedicated to infrastructure works that undertakes full electro-mechanical works for pumping stations, substations and electrical distribution works.

Our clients include Ashghal (Public Works Authority), Kahramaa (Qatar General Electricity and Water Corporation) and the Private Engineering Office.

Our portfolio of projects include:

- upgrading of umm Slal Water Station: design, construct and commission new pumping station at existing site to supply distribution network including 4 No 450 l/s VFD pumps and all supporting electro-mechanical works
- Refurbishing and upgrading Works at various pumping stations (Phase – 8): Refurbishment of 3 pumping stations:
 - PS 17: 250 l/s 2 km 450 dia. dI forced main
 - PS W1: 840 l/s 8.0 km of twin and 3.5 km of triple 500 dia. dI forced main, total pipework length of 26.5 km.
 - PS 40: 1,000 l/s
- development of Barzan Camp Phase 2 – Package 5 Infrastructure: Construction of site infrastructure; including: HV distribution, street lighting, low voltage, BMS and fire alarm networks, sub-stations, fire station, vacuum sewer networks and plant room and underground water tank and pumping station



Overview

Our Oil & Gas division is an EPIC contractor and market leader in providing fabrication and construction services across the structural steel, mechanical, electrical, instrumentation and piping disciplines for projects in the oil and gas, metals and minerals and power generation industries.

Specialist sections within the division provide experienced management, extensive fabrication capabilities and skilled construction. Furthermore, we have commissioning teams for capital projects, turnarounds, shutdowns and plant maintenance. These services are supported by flexible construction operating systems, as well as an extensive fleet of company owned cranes and equipment. The Oil & Gas and Infrastructure divisions of PETROSERV are capable of delivering almost all multi-disciplinary construction projects in Qatar.

The primary service delivery areas of the Oil & Gas Division are:

- EPIC Projects
- Structural - Design and Fabrication
- Piping - Manufacture and Installation
- Storage Tanks - Fabrication, Installation and Refurbishment
- Electrical and Instrumentation
- Transformer and Explosion Prevention Systems
- Operation and Maintenance
- Manufacturing of Pressure Vessels



EPIC Projects

PETROSERV is capable of carrying out Engineering, Procurement, Installation and Commissioning (EPIC) contracts within the Oil & Gas sector, specialising in projects with a Mechanical, Electrical and Instrumentation orientation. We always complete our works to the complete satisfaction of our client.

PETROSERV has successfully completed EPIC contracts for our clients such as Qatar Petroleum, RASGAS, QAPCO and Qatar Steel Company.

PETROSERV has expertise in mobilisation of personnel, plant and equipment required for all oil and gas refinery and petrochemical plant shutdown activities.



Structural - Design and Fabrication

PETROSERV has the capability and infrastructure to offer the full design and construction of all types of structural elements. Our fabrication facility can produce single units for transportation to site, or in the case of larger structures, elements for assembly on site. PETROSERV's service includes the full site installation or assembly, utilising our skilled labour force and in-house cranaage, plant and equipment.

PETROSERV's main Oil & Gas facility is situated in the umm Salal area near doha. This facility has a covered workshop over 1,600 m² and an open yard of over 20,000 m². The fabrication shop is equipped with the latest machinery which includes Oxygen/Gas Profile Cutters, Guillotines, Plate Rollers and different industry types of welding equipment.



Piping - Manufacture and Installation

PETROSERV is equipped with major types of welding processes which include:

- Shielded Metal Arc Welding [SMAW]
- Tungsten Inert Gas Welding [TIG]
- Metal Inert Gas Welding [MIG]
- Fluxed Cored Arc Welding [FCAW]

PETROSERV is able to manufacture piping in a range of sizes in all types of ferrous and non-ferrous materials which include:

- Carbon Steel
- Stainless Steel duplex
- Cupro-nickel
- Aluminium

PETROSERV has in excess of 40 Welding Procedure Specifications [WPS] for steel. Welding procedures and welders are qualified as per ASME Sec IX and QP specification and certified by TPI. Our welders' certifications are renewed every six months based on the successful production welds actually produced. We have a proven track record of consistently delivering quality performance with defect free products on time. Accordingly, we encourage our customers to verify this claim by checking our weld repair rate records which are invariably under one per cent of total weld length.



Storage Tanks – Fabrication, Installation and Refurbishment

PETROSERV has designed and manufactured above ground steel tanks to store flammable and combustible liquids and chemicals in accordance to API standards. Types of tanks include Cone Roof Tanks, Dome Roof Tanks and Floating Roof Tanks of various diameters.

PETROSERV also undertakes tank refurbishment, replacement of shell/roof/bottom plate, desludging and all associated works, including fire detection/protection, level gauging systems, and cathodic protection.

Transformer Explosion Prevention Systems

PETROSERV is the leading installer and executer of Transformer Explosion Prevention Systems in Qatar. We have successfully executed the vast majority of the Transformer Explosion Prevention Systems for KAHRAMAA Phase 7 and 8 substations in association with companies such as Hyundai, Iberdrola, Isolux, Areva and ABB.



Electrical and Instrumentation

PETROSERV is a Class "A" electrical contractor specialising in:

- Installation of Transformers, Switchgear and other Substation Equipment
- Plant Lighting
- Installation of Earthing & Lighting Protection System
- Installation of Hazardous Area Electrical Equipment
- Commissioning and Electrical Installations
- Power and Control Cable Laying, Cable Tray Installations
- HV Cable Termination and Jointing (Up to 33 KV)
- Installation of Standby Power Generators
- Instrumentation and SCADA Systems



Operation and Maintenance

At PETROSERV we are acutely aware of the time and monetary impact that results from poorly planned and shoddily executed maintenance shutdown tasks. Therefore, meticulous attention is paid to the scheduling and logistical side of all shutdowns we undertake. We have executed shutdowns in various stations in Dukhan Fields and Mesaieed Area for clients such as Qatar Petroleum, QAFCO, Qatar Steel Company and RASGAS.

Shutdown works include:

- Catalyst Loading and unloading
- Heat Exchanger Refurbishment
- Test-Separator Maintenance
- Rotary Equipment Inspection/Testing
- Vessel Cleaning
- Pressure Hydro Testing
- Re-installation including Instrument dismantling
- Calibration
- Pumps Maintenance and Seal Replacement
- Repair of Concrete Foundations
- Demolition of Redundant Foundations
- Pipe Supports Modification



Pressure Vessels

PETROSERV's fabrication facility at Umm Salal is certified to fabricate pressure vessels and other pressure retaining items in accordance to ASME codes and repair and carries out alterations to pressure retaining vessels in accordance NBIC. Our team of highly qualified engineers and QA/QC personnel possess the necessary expertise and experience to cater to the design, fabrication and repair needs of any client.

The following are the list of stamps secured by PETROSERV:

- ASME "U" - Manufacture of Pressure Vessels conforming to ASME Sec VIII Div. 1
- ASME "S" - Manufacture and assembly of Power Boilers conforming to ASME Sec 1
- ASME "PP" - Fabrication and assembly of Pressure Piping conforming to ASME code Sec 1 and ASME B31.1
- NBC "R" - Shop repairs alterations and field repairs of Pressure Vessels, Boilers and Pressure Piping
- NBC "NB" - For registering Pressure Vessels, Boilers and Pressure retaining parts



Building Division

PETROSERV's rapidly expanding Building division continues to produce high quality work on time, safely and profitably - serving its customers' needs. Maintaining our reputation for quality, integrity and complete customer satisfaction remains our highest priority.

Emerging from maintenance focused business; development into mainline building works has taken place in recent years in response to client demand. This growth and development has brought about the creation of the Building and HVAC/MEP Departments to provide the management, skills, staff and labour required to deliver this broader work base. Labour and staff growth has ensured the levels of competence to achieve high quality and maintain enthusiasm and the commitment to succeed.

Securing repeat businesses is one of our key performance indicators and we pride ourselves on achieving our customers' requirements and expectations, safely, commercially and on time with a proactive 'can do' attitude. Quality control procedures and on-site working practices are being continuously reviewed in order to ensure that our customers receive the highest quality workmanship.



Building Division

Competitive tendering, professional management, quality construction, excellent safety records, ability to meet programmes and proactive approach have ensured the full satisfaction of our customers. Customers, completely satisfied with PETROSERV's open and professional way of doing business, have insisted that the company participate in their expansion and new projects.

Moving forward, the Building Division has identified new growth areas for further development based on local trends and market conditions and plans to expand and develop to fulfil customer needs in the developing Qatari market.

One of the key strategic objectives is the achievement of 'zero-harm' practice. Site teams ensure that safety is not compromised in any circumstances by taking responsibility for employee safety, leading by example and encouraging positive safety behaviour.

The net result is a Building division that possesses all the necessary skills and experience to deliver any medium sized building project safely and on time.





PETROSERV

ALLIANCES

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About us

Q Air Global Qatar is a joint venture between Petroserv Ltd. and Q Air Global which aims to offer services and solutions for healthy buildings and energy saving to the Qatari/GCC Markets. Q Air Global is the leading Spanish company providing indoor air quality and energy saving services. We have a staff of highly qualified professionals including engineers, graduates in environmental sciences and skilled technicians in workplace safety.

Mission Statement

We are absolutely committed with the environment, sustainability and green building construction. We offer outstanding indoor environment and the most sustainable buildings, thus achieving the highest indoor air quality levels. We are one of the most specialized companies in Indoor Air Quality Solutions, working closely with building owners and managers as well as architectural and engineering companies. We are working on more than 400 buildings, including over 200 commercial buildings, 80 hospitals (over 300 isolation rooms), and 60 schools.

Our services

FIELD TESTING: We carry out indoor air quality inspections and air monitoring to determine the quality of the air you breathe.

SMART SOLUTIONS: We provide the best available technology to ensure success in every project. Following 'green building standards' we create healthy indoor environments, purifying the air by up to 99%.

MAINTENANCE: We implement the solutions, commissioning and maintenance.

We offer our services in the following sectors of activity

- Sustainability Projects (LEED, QSAS, BREEAM)
- Healthcare Facilities (Critical rooms for infections control)
- Residential
- Fit out and retrofit projects:
 - Commercial Buildings
 - Hotels / Restaurants
 - Sport Facilities



QUANTO BELLO QATAR

Quanto Bello and Petroserv unite to bring unparalleled service to industry and commerce.

Over the last 30 years Quanto Bello has specialised in the design and fit out industry, catering to all sectors of the Retail, Hospitality, Commercial, Residential, Exhibition and Leisure Markets.

Quanto Bello uses an integrated service model offering expertise across a variety of disciplines making them a world leader in this industry. Because they design and install worldwide and have no manufacturing or installation limitations they can offer you a TURNKEY FIT OUT SOLUTION.

By partnering with PETROSERV, Quanto Bello offer pre-construction services and construction management through to state-of-the art, turnkey finish. Together PETROSERV and Quanto Bello offer the following specialised services internally:

- Design
- B.O.Q.
- Procurement
- Project Management
- Wetworks
- Drywalling & Ceiling
- Tiling
- Plumbing
- Electrical
- HVAC
- Air Purification
- Joinery
- Upholstery
- Corian Fabrication
- Painting
- Steel



Quanto Bello's team of research and consulting specialists will undertake a thorough qualitative and quantitative research around specific work scenarios and offer expertise in the following;

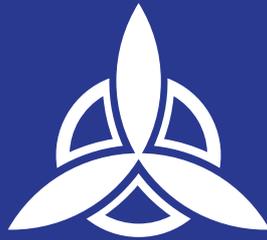
- Interior Design
- Cost Analysis
- Joinery and Upholstery
- Project Management
- Construction and Project Fit-out



PETROSERV

Our Clients





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