



## Construction

## Construction

### Mechanical

Piping, Structural Fabrication & Erection, Vessels & Tanks Fabrication & Erection and Pre-Engineering Building Erection.

Peninsular Petrotech Engineering's (PPE) Piping and Structural fabrication workshop is situated at Salwa Industrial Area in Doha, PPE's main facility have a covered workshop of over 600 M<sup>2</sup> with a 5-ton overhead crane and a 5-ton Tower crane with an open yard of over 8500 M<sup>2</sup>.

Our central fabrication shop at Salwa is equipped with latest machineries which include Hydraulic Profile Rolling Machine, Hydraulic Pipe Rolling Machine, Hydraulic Cutting and Bending Machines, Oxygen / Gas profile cutters, and plate rollers, etc. In this field of Pre-Engineering Building Erection, Peninsular Petrotech Engineering (PPE) associates with reputed Pre-Engineered Steel Structure manufacturing Companies viz. KIRBY Building Systems Kuwait, IBSF Saudi Arabia, EBS UAE, MAMMUT etc. Some of it are as follows:

- Lee Water Pipe Racks Phase 1 & 11 for Qatar Petroleum Ras Laffan
- Lulu Hyper Market D' Ring Road
- Building Link Structural Steel Works for College of North Atlantis
- Weil Cornel Medical College
- ABM Military College
- Ras Abu-Funtas Power Station B Phase 11
- ALJABOR Cement Plant Mesaieed.
- CUT & BEND Plant QASCO
- Lime Calcination Plant QASCO
- Al-Udied Air Base

### Civil

Peninsular Petrotech Engineering (PPE) undertakes turnkey projects such as Construction of Stadiums, Petrol Stations, Cement Plants, Chemical Process Plants and Ware Houses etc. Peninsular Petrotech Engineering (PPE) has the engineering expertise, trained & experienced project personnel, dedicated skilled manpower, equipment resource and logistics support to provide total service support to undertake medium & large sized Construction Projects on LSTK basis.

### Electrical & Instrumentation

Peninsular Petrotech Engineering's (PPE) E & I Division has outstanding Engineering and Design experience in Medium and Low Voltage Electrical systems, Instrumentation, Various Control Systems (i. e DCS, ESD, PLC, RTU, SCADA), LAN, Campus Networking, Control System Networking (comprising UTP, STP and OFC), Fire Alarm and Security System. Typical works include:

- Supply, Design, Installation, Testing & Commissioning of Electrical equipment for Medium & Low Level Voltage
- Supply, Design, Installation, Testing & Commissioning of indoor, outdoor and peripheral lighting
- Supply, Design, Installation, Testing calibration & Commissioning of various types of



Electronic and Pneumatic automation.

instruments/transmitters used in the plant/process

- Supply, Design, Installation, Testing & Commissioning of MIS, DCS, PLC, ESD, SCADA & CCTV, fire detection, H2S monitoring & safety/access system.
- Telephone & Intercom System, CCTV, PAGA, Paging System.

## **Cathodic Protection**

Peninsular Petrotech Engineering (PPE) has a field record of more than a decade service to Mesaieed Industrial City for installation and maintenance of CP System at Mesaieed Operational Areas besides numerous other CP jobs Viz. Doha Jetty, Doha International Airport, Refinery of M/s Qatar Petroleum, Qatar Air Force etc. Recently, PPE has been awarded cathodic protection jobs in Rasgas and QP ,Dukhan

Services offered:

We undertake all kinds of Cathodic protection Works

- Supply, Design, Installation, Testing & Commissioning of Cathodic Protection System Comprising Remote Monitoring of Control System
- QP Approved / Recognized Designer of CP system
- CP systems for Pipe Lines, Storage tanks, Port facilities
- Onshore / Offshore Services

## **Coating & Insulation**

Peninsular Petrotech Engineering (PPE) is a saga of years of commitment & experience in the Industry, a reputation of competitive prices, strict safety adherence, of unsurpassed superior quality and workmanship.

We offer top quality corrosion protection services for pipelines, vessels, cargo, ballast & onshore storage tanks. Such coatings are extremely challenging and require precision and perfect coordination. Peninsular Petrotech Engineering (PPE) has experience with a wide range of anti-corrosion systems covering:

Peninsular Petrotech Engineering (PPE) offers a variety of surface preparation techniques covering dry blasting, wet blasting, shot blasting, spark free blasting etc. All Surface preparation beyond compliance with the strictest environmental protection regulations is the PPE's hallmark. PPE has a large quantity of well maintained equipment and maintenance team that receives the best services on a regular basis.

Our Corrosion Protection Division provides the following services:

- Coatings
- Surface Preparation & Application of Coatings
- Fireproofing
- Wrapping
- Scaffolding
- Insulation

Coatings:

- Epoxy -100% solids, coal tar, phenolic coatings
- Glass reinforced vinyl ester, polyester, phenolic & epoxy systems
- Zinc -organic and inorganic, moisture-cured
- Polyester based coating systems
- Silicones & high temperature coating systems
- 100% expanded or unexpanded, aliphatic and aromatic urethanes
- Acrylics, alkyds -water and oil



- Cementitious fire-proof coatings
- Intumescent coating systems
- Chlorinated rubber coatings
- Heat-resistant coating systems

**Source URL:** <http://ppe.com.qa/construction.html>