



شركة القوة الرائدة للمقاولات شركة ذات مسؤولية محدودة



PPC IS AN INDIGENOUS PETROLEUM SERVICE COMPANY





Background

Pioneer Power Contracting is an indigenous petroleum service and construction company. PPC was formed as an endeavour by industry experts to offer comprehensive premium solutions within the upstream and downstream sector with the agility and dynamism critical to oil fields.

Having strong relations and JVs with global market leaders, PPC strives to be one of the leading pipeline projects and oil field service providers in the industry. We guarantee to deliver high-end quality products and services to our clients and offer a Solid platform to our partners both internationally & locally aiming to enter the oil, gas and pipelines market in KSA.

History

Pioneer Power Contracting (PPC) was established as Intended Pipelines Constructions and Services Company. It has a team of the accomplished crew with extensive experience of more than 20 years.

Integrity

Integrity at **PPC** is more than the business conduct policies and procedures we follow. We set high expectations for ourselves and build trust in each other, with business partners, shareholders and the communities where we work and live. We say what we're going to do – and then do it.

Inclusion

We value diversity in culture, background, perspective and experiences.

We strive to provide our employees with a collaborative, supportive and inclusive work environment where they can maximize their full potential for personal and business success. This happens when our employees, contractors, and other stakeholders feel valued themselves, and value others for who they are.





Collaboration

We are a company of driven, accomplished professionals who are more than the sum of their training and experience. We actively partner with our communities, governments, and business partners to find and create shared values, making a positive difference together. We foster constructive, solution-oriented dialogues; we genuinely listen to one another and seek out perspectives different from our own.

Leadership

Our values are of utmost importance at PPC and that commitment starts from the top down. Our leadership team is committed to making sure those values permeate throughout our organization and everything we do. Meet the people responsible for leading PPC forward.





PPC LOCATION

We are a Dammam based company ensuring ease of convenience and flexibility as and when required, reflecting on our commitment to deliver unrivalled services to our clients.

Our infrastructure which also includes an oil and gas retail park can accommodate and undertake a wide spectrum of services and activities throughout Saudi Arabia.





PPC Head Office Location



PPC Yard Location



CODE OF CONDUCT

Professional conduct & Integrity

We conduct all of our activities professionally and with integrity. We take great care to be completely objective in our judgment and any recommendations that almost we give, so that issues are never influenced by anything other than the best and proper interests of our clients and partners.

We deal with people fairly and respectfully. Our reputation and success depend on fair dealing. Each employee must deal fairly with all of our stakeholders, including clients, employees, and service providers, as well as our competitors. We do not violate our clients' policies and no employee should take unfair advantage of anyone through manipulation, concealment, abuse of privileged information, misrepresentation of material facts, or any unfair dealing practice.

Health, Safety, and Environment

Our capability is centred on our Integrated Management System (IMS), based upon best practice industry standards, recognized by International Oil Companies and certified to ISO9001 (Quality Management System), ISO18001 (OHS Management System Requirements) and ISO14001 (Environmental Management System Requirements).

Developed over more than 18 years of onshore and offshore oil and gas project delivery, the IMS includes corporate policies, Management System Standards (MSS), procedures and practices.

It underpins the delivery of our core services, including industry-leading HSE solutions that

are practical, cost-effective, tailored to client requirements and in accordance

with the relevant health and safety regulations.

Quality Assurance

We maintain the quality of what we do through constant ongoing review with our clients, of all aims, activities, outcomes and the cost-effectiveness of every activity. We encourage regular review meetings and provide regular progress reports. We strive to meet as exceed our client's expectations while being mindful of the need to provide cost-effective solutions and maintain a sustainable business model.

We strongly believe in win-win approaches and will take all measures to achieve thriving relationships with our partners, customers, and clients.





Ethics

We always conduct our services honestly and honourably and expect our clients and suppliers to do the same. Our employees, partnerships, and the methods imparted through our operations take proper account of ethical considerations, together with the protection and enhancement of the moral position of our clients and suppliers.

Confidentiality

We are committed to maintaining the highest degree of integrity in all our dealings with potential, current and past clients, both in terms of normal commercial confidentiality, and the protection of all personal information received in the course of providing the business services concerned.

We extend the same standards to all our customers, suppliers and associates.

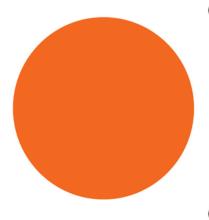
Anonymity and Confidentiality

In PPC we encouraged our employees to provide their names when raising a concern.

This allows those who respond to the concern to contact them if additional information is needed to look into the concern thoroughly. Providing the name also helps us ensure that the concerned employee does not experience retaliation for making a good faith report.

If someone chooses to identify themselves when making a report, filing online,

PPC will endeavour to keep their information confidential, sharing it only on a need-to-know basis among those directly handling or overseeing the issues you reported.







Resources Protection

All employees must protect the company assets and ensure their efficient use.

All company assets should be used for legitimate business purposes. Any personal use of the company assets must be either approved in advance or incidental and insignificant in cost and time.

We must preserve, and not change, hide or destroy any records that are subject to an investigation or which may be used in any official proceeding.

Financial System

An efficient financial sector is one of the pillars of a well-functioning market economy.

Our financial infrastructure consists of the support for the financial system found in the legal and the regulatory framework governing financial transactions, the practices surrounding audit, accounting and financial disclosure and the operations of the payment system.

The main functions of the financial sector are the following:

- >> to reduce transaction costs by providing a stable and widely acceptable medium of exchange
- >> to encourage savings in financial assets by supplying financial instruments with attractive yields and different maturities
- to improve the efficiency of resource utilization by screening alternative investment proposals and by monitoring the behaviour of borrowers and issuers of the equity.
- to make risky investments practicable by pooling, pricing and redistributing risks of financial assets.

Conflicts of Interest

Conflicts of interest are not always clear-cut and easy to define and require case-by-case analysis. We expect that All employees shall identify conflicts of interest before taking any conflicted action and address the conflict. Employees must not use their positions, or the knowledge gained as a result of their positions for private or personal advantage. Regardless of the circumstances, if employees' sense that a course of action they have pursued, or are





SERVICES OVERVIEW

PPC has the capacity to outperform and exceed our customer's expectations. Our client's need is our mandate and we deliver our services with unmatched quality, responsiveness, and can-do attitude.

Piping and Pipeline Construction

Pipeline construction projects look much like moving assembly lines. A large project typically is broken into manageable lengths called "spreads" and utilizes highly specialized and qualified workgroups. Each spread is composed of various crews, each with its responsibilities. As one crew completes its work, the next crew moves into position to complete its piece of the construction process.

Pre-Construction Survey

Before construction begins, crews survey environmental features along with proposed pipeline segments.

Utility lines and agricultural drainages are located and marked to prevent accidental damage during pipeline construction. Next, the pipeline's centerline and the exterior right of way boundaries are staked.



Clearing and Grading

The pipeline right of way is cleared. Temporary erosion control measures are installed before any earth-moving activities.





Trenching

Topsoil is removed from the work area and stockpiled separately.

Crews use backhoes or trenching machines to excavate a pipeline trench. The soil that is excavated during ditching operations is temporarily stockpiled on the non-working side of the trench.



Pipe Stringing

Individual joints of pipe are strung along the right of way adjacent to the excavated ditch and arranged so they are accessible to construction personnel. A mechanical pipe-bending machine bends individual joints of pipe to the desired angle at locations where there are significant changes in the natural ground contours or where the pipeline route changes direction.







Pipeline Welding

After the stringing and bending are complete, the pipe sections are aligned, welded together, and placed on temporary supports along the edge of the trench. All welds are then visually and radiographically inspected.



Coating Pipe

Line pipe, normally mill-coated or yard-coated before stringing, requires a coating at the welded joints. Prior to the final inspection, the entire pipeline coating is electronically inspected to locate and repair any coating faults or voids.





Lowering Pipe in and Backfilling

The pipe assembly is lowered into the trench by side-boom tractors.

The trench is backfilled using backfilling or bladed equipment; no foreign materials are permitted in the trench.







Pipeline Services

PPC Pipeline Service provides a wide range of pipeline services that are executed by top-notch Engineers in the Oil & Gas Industry. We aim to provide our clients with quality services that conform to standards and clients' requirements and exceed their expectations in a timely and cost-effective manner.



Services Offered:

- Chemical Cleaning
- Pipeline Descaling and Cleaning
- Hydro Services
- Pipeline Hot Tap
- Valve Services
- Cathodic Protection
- Glass Reinforced Epoxy Pipe Services
- Sandblasting & Painting



Chemical Cleaning:

The presence of internal scale and its removal is a major challenge in process systems and their ancillary equipment.

PPC is working proactively together with its customers to find an effective manner of solution. The industry has placed a greater emphasis on long intervals between cleaning /maintenance, hence requiring improved chemicals and methods. PPC has devised cleaning methods that can be used during decommissioning activities.

Purpose

- · Removal of organic and inorganic scale/desalination
- · Extended maintenance intervals
- · Increased efficiency of the equipment
- · Increased efficiency of process systems
- · Black Powder Removal
- · Improved equipment economics
- · Black Powder build-up mitigation



Pipeline Descaling and Cleaning

Pipeline descaling is the removal of hard calcium and wax deposits in pipelines.

This is done to restore the original flow rate in the line; to allow inspection tools to assess the pipeline integrity and reduce the overall operating costs.

At PPC, we use special scrappers able to pulverize the hard calcium deposits without disrupting the fluid flow.





Pipeline Hot Tap:

PPC utilizes the latest technology like TM1200xl with power pack/hydraulic, T101 to carry out hot tap services. This service allows for the maintenance of pipelines without emptying the pipeline. With the hot tap technology, a pipe or tank can continue to be in operation whilst we carry out maintenance or make modifications to them.



Valve Services:

PPC is highly recommended for valve inspection, maintenance, and repair, hydrostatic testing or leak detection. Our methods have achieved 100% valve repairs and leak detection success.

Our testing and maintenance equipment are highly mobile and very cost-effective.

Our hydrostatic testing, valve servicing/repairs, and leak detection services eliminate the usual high cost of maintaining facilities.







Cathodic Protection

We utilize the current techniques of cathodic protection in corrosion monitoring to give our clients optimum satisfaction. We utilize Pipeline Current Mapper (PCM) technology to complement the conventional test methods to provide a cost-effective method that overcomes the limitations of existing techniques used in evaluating the effectiveness of cathodic protected pipes and Facilities.



We provide complete engineering services from procurement to design & engineering, prefabrication & spooling, installation & maintenance of GRE piping systems of various sizes and pressure ratings.

Sandblasting & Painting

We offer sandblasting services using steel grit to clean or etch pipe surfaces before applying paint to prevent corrosion.





Caliper Survey & Pre-Commissioning Services

The range of services includes pressure tests, pumping, an organization of intelligent pigging, chemical and mechanical cleaning of pipelines, caliper pigging, and drying.

Experienced and committed employees and the modern technical equipment ensure reliable execution of the tasks on time. Our employees are constantly up to date with the latest Technology –for example, the development of filing pumps and high pressure and the further development of pigging systems is carried out under own direction.

Services at a glance:

Pressure Test: Pressure tests with water, air, and gas according to legal regulations and standards for more safety.

Cleaning of Pipelines: Chemical Cleaning & Mechanical Cleaning

Caliper Pigging: Data generation for internal geometry of pipelines with the Multi-Channel-Calliper pig, an innovative research method

Drying of Pipeline Systems: Drying with air & drying with nitrogen

Intelligent Pigging: Ultrasound and Magnetic Flux Leakage Detection

Pigging: Pigging aligned to individual pipe characteristics and technical specifications



General information about the PPC Multi-Channel Caliper-Tool:

The PPC Multi-Channel Caliper-Tool is a newly developed and constructed pipeline inspection tool.

The Multi-Channel Caliper Tool is capable of detecting dents, ovalities, girth welds, changes in wall thickness and other pipeline features such as T-pieces, valves and other installations.

The advantage of the Multi-Channel system is to give additional information about the shape and the o'clock position of the defect. Each sensing arm has a sensor and measures separately the inner diameter of the pipeline.

The Body of the Tool is the basic part of the Tool. Depending on the size, the body consists of one, two or three modules. All other components are fixed to the basic body, such as the Cups, the Odometer system, and the Spider. The Cups enable the Tool to be transported with the medium through the pipeline.

The odometer system measures the longitudinal information of the survey.

Two odometer wheels ride on the pipe wall and measure the distance the tool travels through the pipeline.

The Spider of the Multi-Channel Caliper Tool continuously measures the inside diameter of the pipeline through an array of sensors that are spring-loaded to hold them in contact with the pipe wall. Each sensing arm is equipped

with a sensor, enabling it to get measurement data from each arm.

As the Tool moves through the pipeline, very small radial movements in the sensors are detected and recorded.

Each PPC Multi-Channel Caliper Tool is equipped with a transmitter to locate the tool with the external tool locator.



Multi-Channel Caliper Tool Preparation:

All **PPC** Multi-Channel Caliper Tools will be assembled, checked and calibrated with the highest precision.

Only the best quality parts and materials for building the Tools will be used, enabling a maximum of quality for them.

Each new system will be checked in our special test laboratory.

It will be checked at a minimum time in the life of 1000 km without large abrasion or damage. Only after successful completion of the same, the Tool will get the clearance for a project. After the test procedure and calibration, a Final check will be done. It comprised the function, the parts, the spare parts, the equipment, the paperwork and the transport documentation, enabling to assure the maximum of safety and quality for the completion of the whole project.



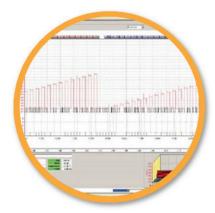
Calibration:

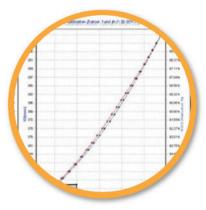
With the Help of the calibration, the measurement of the tool will be correlated to the real ID reduction.

A calibration tool and calibration brigs will be used for simulating various ID changes such as dent and ovalities.

For the Evaluation of a survey, the requirements of the pipeline owner will be considered.



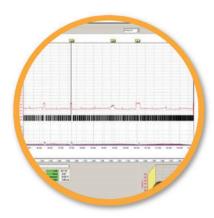


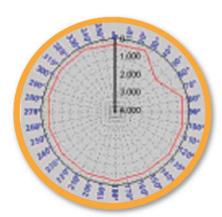


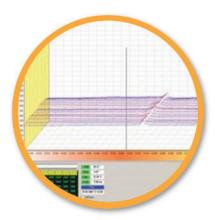
Evaluation:

Just after completion of the survey, the recorded data will be transferred to a laptop (Computer), enabling to give the first result directly on the work site for further action, if required

The Final Report contains all important information of the survey such as the date and time, velocity of the tool, girth welds, bends, installations, dents, ovalities, marker, calibration, feature list and a statement of the detected indications. Especially for the defects a separate defect data sheet with the major information about the defect area on one data sheet will be provided. The Final-Report will be prepared and forwarded to the Client.









06" PPC MULTI-CHANNEL CALIPER-TOOL

General Information:

Total Length
Weight
Approx. 1000 mm
Approx. 55 Kg

No. of Modules

No. of Sensor arms with Double Wheels

10

Max survey lengths Approx. 800 km

Battery life 200 Hours

Recommended Tool Speed **

Maximum Pressure

0.1 - 3 m/s

100 Bar

Temperature Range -20 to +80 ℃

Minimum Bend Radius 3D for 90° Bends (1.5D if requested)

Minimum ID in Straight Pipe 126 mm / 75% of OD



Following Features/ Installations can be detected:

- ➤ Ovalities ➤ Dents ➤ Valves
- ➤ Bends ➤ Girth Welds ➤ T-pieces
- ➤ Internal Diameter changes

Measurement Accuracy:

General Measurement Accuracy

Accuracy of distance information ± 0.1m from reference girth weld

Accuracy of internal Diameter changes ± 0.1 % / 0.17 mm

Dent ± 0.1 % / 0.17 mm

Ovality $\pm 0.1 \% / 0.17 \text{ mm}$

Girth Welds $\pm 0.1 \% / 0.17 \text{ mm}$

O'clock positioning ± 18°



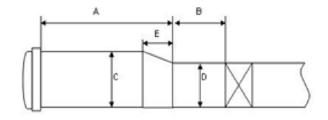


Sensitivity of the gauging System (Threshold):

Dent & Ovality $\pm 0.1 \% / 0.17 \text{ mm}$

Girth Welds $\pm 0.1 \% / 0.17 \text{ mm}$

Recommended Dimensions for Launcher & Receiver				
Dimension	Launcher	Receiver		
Α	> 2000 mm	> 2000 mm		
В	> 500 mm	> 500 mm		
С	> 1.3 D	> 1.3 D		
D	06"	06"		
E	100 mm	100 mm		



Note

All given values are related to the outer diameter.

The above-mentioned accuracies depend on acceptable run conditions.

Constant speed during the inspection, Clean pipe, Pipe book given to PPC department for evaluation.

During the survey with compressed oir, the pipeline must have a backpressure of 5 bars.

** At tool speeds above 3 m/s, the girth weld indications become inaccurate due to dynomic overreaction of the sensing fingers, For best results, we recommend tool speeds between 0.1 and 1.5 m/PPC reserves the right to introduce technical changes and modifications without prior notice.

10" PPC MULTI-CHANNEL CALIPER-TOOL

General Information:

Total Length
Weight
Approx. 2200 mm
Approx. 55 Kg

No. of Modules

No. of Sensor arms with Double Wheels

10

Max survey lengths

Battery life

Approx. 800 km

600 Hours

Recommended Tool Speed **

O.1 - 3 m/s

Maximum Pressure

100 Bar

Temperature Range -20 to +80 ℃

Minimum Bend Radius 3D for 90° Bends (1.5D if requested)

Minimum ID in Straight Pipe 204 mm / 75% of OD

Following Features/ Installations can be detected:

➤ Ovalities ➤ Dents ➤ Valves

➤ Bends ➤ Girth Welds ➤ T-pieces

➤ Internal Diameter changes





Measurement Accuracy:

General Measurement

Accuracy of distance information

Accuracy of internal Diameter changes

Dent

Ovality

Girth Welds

O'clock positioning

Accuracy

± 0.1m from reference girth weld

± 0.1 % / 0.27 mm

± 0.1 % / 0.27 mm

± 0.1 % / 0.27 mm

 \pm 0.1 % / 0.27 mm

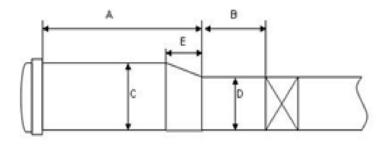
± 18°

Sensitivity of the gauging System (Threshold):

Dent & Ovality ± 0.1 % / 0.27 mm

Girth Welds $\pm 0.1 \% / 0.27 \text{ mm}$

Recommended Dimensions for Launcher & Receiver				
Dimension	Launcher	Receiver		
Α	> 2400 mm	> 2400 mm		
В	> 500 mm	> 500 mm		
С	> 1.3 D	> 1.3 D		
D	10"	10"		
E	140 mm	140 mm		



Note

All given values are related to the outer diameter.

The above-mentioned accuracies depend on acceptable run conditions.

Constant speed during the inspection, Clean pipe, Pipe book given to PPC department for evaluation.

During the survey with compressed air, the pipeline must have a backpressure of 5 bars.

*At tool speeds above 3 m/s, the girth weld indications become inaccurate due to dynamic averreaction of the sensing fingers. For best results, we recommend tool speeds between 0.1 and 1.5 m/

PPC reserves the right to introduce technical changes and modifications without prior notice.





36" PPC MULTI-CHANNEL CALIPER-TOOL

General Information:

Approx. 2000 mm Total Length Weight

No. of Modules

No. of Sensor arms with Double Wheels

Max survey lengths Battery life

Recommended Tool Speed **

Maximum Pressure

Temperature Range

Minimum Bend Radius

Minimum ID in Straight Pipe

Approx. 350 Kg

1

30

Approx. 800 km

800 Hours

0.1 - 3 m/s

100 Bar

-20 to +80 °C

3D for 90° Bends (1.5D if requested)

± 0.1 % / 0.91 mm

685 mm / 75% of OD



Following Features/ Installations can be detected:

- ➤ Ovalities ➤ Valves > Dents
- ➤ Girth Welds ➤ T-pieces > Bends
- ➤ Internal Diameter changes

Measurement Accuracy:

General	Measurement	Accuracy

Accuracy of distance information ± 0.1m from reference girth weld

Accuracy of internal Diameter changes ± 0.1 % / 0.91 mm

Dent $\pm 0.1 \% / 0.91 \text{ mm}$

Ovality

Girth Welds $\pm 0.1 \% / 0.91 \text{ mm}$ O'clock positioning



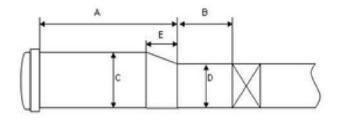
Sensitivity of the gauging System (Threshold):

Dent & Ovality ± 0.1 % / 0.91 mm

Girth Welds $\pm 0.1 \% / 0.91 \text{ mm}$

Circumferential Location Accuracy ± 5.0°

Recommended Dimensions for Launcher & Receiver		
Dimension	Launcher	Receiver
Α	> 2200 mm	> 2200 mm
В	> 500 mm	> 500 mm
С	> 1.1 D	> 1.1 D
D	36"	36"
E	450 mm	450 mm



Note

All given values are related to the outer diameter.

The above-mentioned accuracies depend on acceptable run conditions.

Constant speed during the inspection, Clean pipe, Pipe book given to PPC department for evaluation.

During the survey with compressed air, the pipeline must have a backpressure of 5 bars.

** At tool speeds above 3 m/s, the girth weld indications become inaccurate due to dynamic overreaction of the sensing fingers. For best results, we recommend tool speeds between 0.1 and 1.5 m/s.

PPC reserves the right to introduce technical changes and modifications without prior notice.

General Information:

Total Length

Weight

No. of Modules

No. of Sensor arms with Double Wheels

Max survey lengths

Battery life

Recommended Tool Speed **

Maximum Pressure

Temperature Range

Minimum Bend Radius

Minimum ID in Straight Pipe

Approx. 2350 mm

Approx. 300 Kg

1

36

Approx. 800 km

800 Hours

0.1 - 3 m/s

100 Bar

-20 to +80 °C

3D for 90° Bends (1.5D if requested)

880 mm / 75% of OD







Measurement Accuracy:

General Measurement

Accuracy of distance information

Accuracy of internal Diameter changes

Dent

Ovality

Girth Welds

O'clock positioning

Accuracy

± 0.1m from reference girth weld

± 0.1 % / 0.16 mm

± 0.1 % / 0.16 mm

± 0.1 % / 0.16 mm

± 0.1 % / 0.27 mm

Following Features/ Installations can be detected:

➤ Ovalities

> Dents

➤ Valves

> Bends

➤ Girth Welds ➤ T-pieces

➤ Internal Diameter changes

Sensitivity of the gauging System (Threshold):

Dent & Ovality

± 0.1 % / 1.16 mm

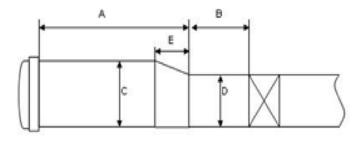
Girth Welds

± 0.1 % / 1.16 mm

Circumferential Location Accuracy

± 5.0°

Recommended Dimensions for Launcher & Receiver					
Dimension	Dimension Launcher Receiver				
Α	> 2500 mm	> 2500 mm			
В	> 500 mm	> 500 mm			
С	> 1.1 D	> 1.1 D			
D 46" 46'		46"			
E 580 mm 580 mm		580 mm			





56" PPC MULTI-CHANNEL CALIPER-TOOL

General Information:

Total Length Approx. 2700 mm Weight Approx. 450 Kg

No. of Modules 1
No. of Sensor arms with Double Wheels 50

Max survey lengths

Battery life

Recommended Tool Speed **

Maximum Pressure

Temperature Range

Approx. 800 km

800 Hours

0.1 - 3 m/s

100 Bar

-20 to +80 °C

Minimum Bend Radius 3D for 90° Bends (1.5D if requested)

Minimum ID in Straight Pipe 1660 mm / 75% of OD

Following Features/ Installations can be detected:

➤ Ovalities ➤ Dents ➤ Valves

➤ Bends ➤ Girth Welds ➤ T-pieces

➤ Internal Diameter changes

Measurement Accuracy:

General Measurement Accuracy

Accuracy of distance information $\pm 0.1 \text{m}$ from reference girth weld

Accuracy of internal Diameter changes $\pm 0.1 \% / 0.42 \text{mm}$ $\pm 0.1 \% / 0.42 \text{mm}$

Dent $\pm 0.1 \% / 0.42 \text{ mm}$

Girth Welds \pm 0.1 % / 0.42 mm

O'clock positioning ± 3.6°





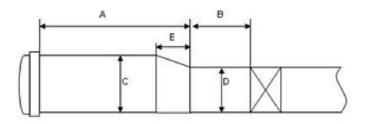
Sensitivity of the gauging System (Threshold):

Dent & Ovality ± 0.1 % / 0.42 mm

Girth Welds \pm 0.1 % / 0.42 mm

Circumferential Location Accuracy ± 5.0°

Recommended Dimensions for Launcher & Receiver		
Dimension	Launcher	Receiver
Α	> 2900 mm	> 2900 mm
В	> 500 mm	> 500 mm
С	> 1.1 D	> 1.1 D
D	56"	56"
E	710 mm	710 mm







Testing And Commissioning Services

Purging / De-Gassing

Nitrogen purging is the replacement of an undesired atmosphere by the inert gas nitrogen.

During the commissioning of a process plant, the replacement of air by purging with nitrogen is known as "oxygen freeing" or "startup purging". During a turnaround, the replacement of a hydrocarbon atmosphere with nitrogen is familiarly known as "degassing" or "shutdown purging".



Nitrogen/Helium Leak Detection:

Leak detection on process systems using helium and nitrogen gas is the most accurate and quantifiable method. On an offshore production platform module, or within a petrochemical complex, the elimination of hydrocarbon leakage is of operational priority and importance. Such containment loss can lead to hazardous situations, environmental impact, and huge financial loss.







Pipeline Pigging

Whether you're performing major maintenance or remedial treatments on your pipeline, using nitrogen as an inert propellant for moving "pigs" through your pipeline makes good sense. Nitrogen is the gas of choice to displace oxygen, retard oxidation, break the "fire triangle" and prevent explosions.



Hydrostatic Testing

Here at **PPC**, we will provide our customers with professional technicians to perform a hydrostatic test. We will furnish all equipment necessary to prove, clean, fill and test the line. We will also provide the compressors, dryers, and pigs to dewater and dry the line.

We will also furnish the launchers and receivers' necessary, the reports and PE certifications for the hydro tests. In the instance of a leak happening during a hydro test, our technicians are trained to recognize, locate, and take appropriate action. We have experience in the proper sourcing of water before the test, and the proper disposal following the test. For our online customers who cannot stop production, we have 2 phase separation units that will handle up to 200 mmscf of gas per day. For the more critical pipelines

with close meter stations, we provide filters that will handle 150 mmscf of gas per day.

PPC can also provide tested piping to connect from the pipeline to the separators. These units will allow us to clean pipelines for inspection

without flow interruption.

Chemicals are obtained from multiple sources to custom blend high-quality products for

maximum performance to remove debris in the pipeline.



Dewatering

After a successful hydrostatic test, water must be removed from the pipeline before the introduction of the product. While this is sometimes performed by displacing the water directly with the product, in most cases, the water is removed separately by dewatering with air. This is particularly the case where complete drying is required.

PPC provides a wide variety of air compressors to suit the project requirements. These project requirements are usually met using primary screw compressors, but if high pressure is required positive displacement booster compressors will be added to provide pressure up to 5,000 psig



Nitrogen Fracking

Gaseous nitrogen can provide performance and cost advantages over water-based fluids in certain formations. Although water-based fracturing fluids are widely used for hydraulic fracturing because they are inexpensive and offer good proppant transport into the fracture, they do have drawbacks. Water-based fluids are unsuitable for water-sensitive formations because they can cause water saturation around the fracture and clay swelling, which may significantly hinder the mass transport of hydrocarbons from the fracture to the wellbore. Nitrogen gas is an excellent alternative to water-based fluids in water-sensitive formations, depleted reservoirs, and shallow formations.



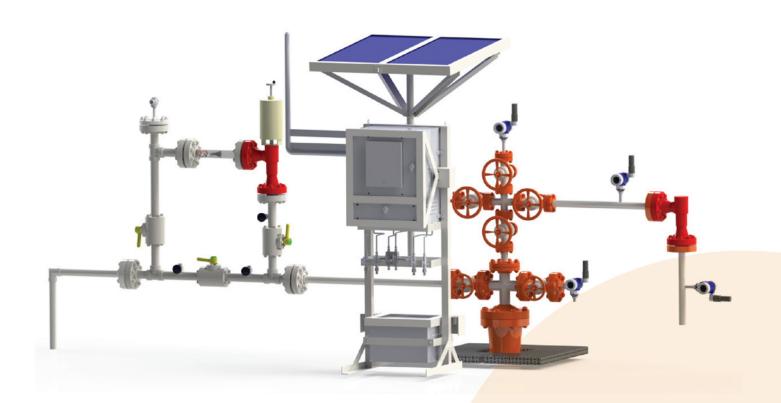


Gas Lifting

Nitrogen is used in well applications to reduce the weight of fluid in the wellbore. Nitrogen is pumped through coil tubing (or gas lift tubing) and discharged at the well perforations.

As the nitrogen gas flows up the production casing,

it expands and reduces the weight of fluid in the column, allowing the well to flow.





Rental Equipment

Partnering with Pioneer Power Contracting will give you better operational efficiency, more uptime and tighter control over cost. Using the highest standards in the industry, Pioneer Power Contracting rental equipment, which is manufactured by our partner, provides exceptional reliability, helping our customers keep their costs down.

Our rental equipment includes the following

- Nitrogen Generator Units
- Nitrogen Tanks
- Air Compressors
- Boosters Compressors
- Containerized Mounted Nitrogen Systems
- Light Tower
- >> Vaporizer
- Gensets
- Vacuum Pumps
- Hydrostatic Testing Pump
- Filling Pumps





Nitrogen Generator Units

With capabilities to supply nitrogen at purities of 90% - 99.9% with a wide range of flows ranging from 100 scfm - 30,000 scfm at pressures from 100 psig - 5,000 psig with Boosters.





Nitrogen Tank

With capabilities from 2000-Gal to 5000-Gal, Compressor systems, pipelines are purged with nitrogen to avoid the risk of explosions or fire.



Air Compressors

With capabilities to produce flows from 100 scfm up to 1525 scfm at pressures ranging from 100 psig to 500 psig.





Boosters Compressors

With capabilities up to 12,000 psig



Containerized Nitrogen Membrane Generator Unit

With capabilities to supply nitrogen at purities of 90% - 99.9% with a wide range of flows ranging from 100 scfm - 30,000 scfm at pressures from 100 psig - 5,000 psig with Boosters.

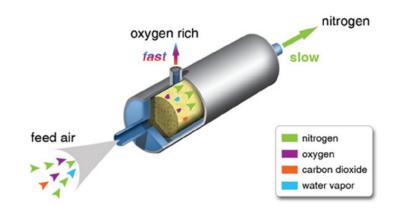
- Nitrogen flow rates up to 4,000 Scfm from a single unit.
- Supply pressures 100 -500 psig standard.
- Nitrogen purities from 90-99%.
- Field-tested and proven feed air pre-treatment systems to ensure long system life with over 500 systems
- Nitrogen dew point -70°f.
- · Fully automatic nitrogen purity controls.
- Systems supplied with certified oxygen analyzers and nitrogen flow meters for accurate monitoring and control.
- Systems can be supplied with remote operational control and monitoring.
- Built for all 3rd party certifications, i.e., NIOSH, MSHA, all.
- Classified areas for explosive gases and dust environments.





Nitrogen Membrane

Here's how it works



Compressed air is fed through a cylinder-shaped bundle of hollow fiber membranes, containing several hundred-thousand fibers, each about the size of a human hair. As the pressurized air enters one end of the fibers and flows to the opposite end of the module through the fiber bores, oxygen, and water vapour flow out the sides of the fiber leaving the nitrogen and exiting the end of the fibers thus producing Nitrogen to your exact purity requirements.

Truck Mounted Nitrogen Generators

	NGU 2000				
Membrane Inlet Pressure (PSI)	Nitrogen Purity (%)	Membrane Inlet Temperature (F)	N2 Flow Rate (SCFM)	Feed Air at Membrane Inlet (SCFM)	Membrane Recovery Rate N2
350 - 365	95.0	125	3000	5400	57%
350 - 365	98.0	125	1600	5400	57%
350 - 365	99.0	125	1100	5400	57%
350 - 365	99.5	125	700	5400	57%

Truck Mounted Nitrogen Generators

	NGU 3000				
Membrane Inlet Pressure (PSI)	Nitrogen Purity (%)	Membrane Inlet Temperature (F)	N2 Flow Rate (SCFM)	Feed Air at Membrane Inlet (SCFM)	Membrane Recovery Rate N2
340	95	125	3000	5257	57.07%
340	96	125	2550	4765	53.51%
340	97	125	2100	4245	49.48%
340	98	125	1675	3761	44.54%
340	99	125	1225	3253	37.66%
340	99.5	125	800	2782	28.76%



Light Tower

Ranging from 1,600 Watts to 4,000 Watts.



Vaporizer

Vaporizers are used together with cryogenic tanks to evaporate Oxygen (O), Nitrogen (N), Argon (Ar) other gaseous liquids transported stored liquefied. The ambient temperature meets the energy required by the cryogenic liquid passing through the evaporator evaporates to the gas phase re-used

Our vaporizers are produced by the serial-parallel connection of finned pipes produced by the special aluminium alloy extrusion method. This evaporator type, which can provide high heat transfer thanks to the space created by the open flaps, is enough to provide the required gas capacity in many applications.





ATMOSPHERIC VAPORISER SPECIFICATIONS

1.	MODEL	SNT 3100 L2
2.	Quantity	1 No
3.	Capacity of Vaporizer	3100 Nm3/Hr
4.	Fluid to be vaporized	Nitrogen/Oxygen/Argon
5.	Duty	8 Hours
6.	Design Code – Guideline	ASME Sec VIII Div. I, ED 2015
7.	Working Pressure	33 Bar
8.	Mechanical Design Temperature	-196°C/+65°C (only for Mech. Design purpose)
9.	Gas outlet temperature	100 C below ambient
10.	The material of construction: Fins Bends and Headers Flanges Companion Flanges Structural and Frame Shipping Frame	Aluminium A 6063 T5 Aluminium A 6063 T5 Aluminium A 6063 T5 S.S. 304 Aluminium A 6063 T5 Carbon Steel
11.	Inlet / Outlet at B/L	Inlet 2" # 300, Outlet 3" # 150
12.	Defrosting time (hours)	4-6 hours
13.	Inspection	IN HOUSE/TUV
14.	Special features	DNV 2.7-1 type frame from all sides (Carbon steel material for frame), Forklift pockets 4 nos. casting corner post 8 Nos. Thick wire mesh on the roof top to keep the sling and to protect the fins
15.	Approximate Dimension	For SNT 3100 L2 L: 6057 mm x W: 2438mm x H: 2591mm





Gensets

Ranging in size from 75 - 200 kW



Vacuum Pump

Vacuum Pumps of the diversified range are available and can be provided upon demand





Hydrostatic Testing Pump



Filling Pump





Certifications

Internal Certifications

To ensure the most efficient operations and the safest working conditions, our experienced technicians and operators are thoroughly trained and tested regarding every aspect of our equipment from manufacturing knowledge to operating to servicing nitrogen generators and more.

PPC Partner External Certifications

The numerous certifications and accreditations that we've earned throughout the world help us ensure many of the highest quality standards in the industry.

Some of those certifications include:

- Transportation Worker Identification Credential (TWIC)
- Safe Gulf Offshore
- Safe Land
- Rig Safe
- BOEMRE
- Basic Offshore Safety Induction & Emergency Training (BOSIET)
- Basic Offshore Induction and Emergency Training with HUET
- National Institute for Occupational Safety and Health (NIOSH)
- Mine Safety and Health Administration (MSHA)



Logistics

In **PPC** we always aim to the top spot of the logistics services in Saudi Arabia and beyond, our capable team of well experienced and ambitious specialists, an excellent fleet of trucks and machinery is constantly providing unlimited solutions for all of our client's difficulties.

PPC well understands the importance of protecting the clients most valuable assets and personnel, so and focuses on delivering the clients goods on time as per its conditions defiant and facing all of the route's obstacles.

PPC looks to provide transportation services to other companies by complementary or replacing their internal logistics operations with a cost-effective and efficient manner.

Our logistic fleet includes the following earthmoving machinery & vehicles with an increase of new arrivals every year.





Our logistic fleet includes the following earthmoving machinery & vehicles with an increase of new arrivals every year.

- Dump Truck
- Boom Truck
- Bulldozer
- Excavator
- Backhoe Loader
- Roller Compactor
- Tanker
- Forklift



Why Partner with Pioneer Power Contracting?

Flexible | complete line of nitrogen generators and air compression equipment with all the support equipment needed to get the job done in a safe and timely manner. PPC can perform the job for you or you can rent the equipment and do it yourself.

PPC nitrogen generators eliminate the troublesome logistics and timing of liquid nitrogen supply while providing nitrogen at the most cost-effective means possible.

PPC nitrogen systems are designed to deliver a continuous stream of nitrogen on-location avoiding the high cost of delivered liquid nitrogen, scheduling and delivery of liquid transports, or run-outs and shutdowns due to late deliveries. You would never run out of nitrogen or have to terminate a job prematurely while waiting for a nitrogen bulk transport for supplemental liquid.

Supportive | Thoroughly trained and tested technicians and operators support every aspect of our equipment.

24 Hour Call-Out Service

PPC technicians and operators are available on call 24 hours a day, 7 days a week.

Their extensive knowledge and experience in dealing with a wide variety of applications enable them to mobilize the right equipment and supplies to get the job done with very short notice.

In some circumstances, when hydrostatic testing is not possible, components or systems may be tested with nitrogen. However, system design specifications must be reviewed, and a detailed risk analysis completed before testing with a compressible medium.



Industrial & Factory Construction

We offer specialized design-build construction services for industrial factories across various sectors, including chemical manufacturing, electrical panel assembly, and firefighting systems production. Our approach combines engineering excellence with practical site execution delivering facilities that meet international safety, environmental, and operational standards. Our team has a proven track record in developing industrial buildings with process integration utility systems and MEP infrastructure tailored to the factory's specific production line. We support clients from early planning to final commissioning—covering civil works mechanical installations process system integration, automation, and compliance with local and international codes such as NFPA, IEC, ISO, and SAS Each factory project is delivered with a focus on safety functionality, and scalability—ensuring that the facility is ready to support high-performance production, safe operations and future growth.





Types of Factory Construction We Deliver

Chemical Factories

- We construct fully equipped chemical processing plants for the production of industrial, agricultural, and specialty chemicals:
 - 1- Explosion-proof structural design
 - 2- Specialized ventilation and exhaust systems
 - 3- Chemical-resistant flooring and containment systems
 - 4- Storage tanks, mixing vessels, dosing systems, and piping
 - 5- Environmental protection systems (scrubbers, effluent treatment, etc.)
 - 6- ATEX-rated electrical systems and hazardous zone compliance





Electrical Panel Manufacturing Facilities

- We develop precision-built factories for producing LV/MV switchgear distribution boards, and control panels.
 - 1- Climate-controlled production floors
 - 2- Anti-static ESD flooring and clean areas
 - 3- Cable testing labs and QA/QC inspection zones
 - 4- CNC panel cutting and automated assembly line integration
 - 5- Heavy-duty mezzanines and lifting structures
 - 6- SCADA, PLC, and testing infrastructure



Types of Factory Construction We Deliver

Firefighting Equipment Manufacturing Plants

- We construct facilities for producing fire suppression systems, extinguishers, hydrants hoses, and pump units.
 - 1- Pressure testing chambers and water tanks
 - 2- Paint booths and powder coating areas
 - 3- Assembly lines for extinguishers and hose reels
 - 4- Fire-rated construction materials and systems
 - 5- Fire pump testing bays, flow meters, and calibration areas
 - 6- Compliance with NFPA and civil defense standards





Types of Factory Construction We Deliver

Factory Construction – Project Phases

Feasibility & Concept Design:

Assess client requirements, utilities, production workflow, safety zoning, and expansion potential. Develop initial layout and building specifications

Engineering & Regulatory Approvals:

Complete architectural, structural, mechanical, electrical, and plumbing (MEP) designs. Secure municipal permits, civil defense approval, and environmental clearances.

Civil & Structural Construction:

Site preparation, excavation, foundation casting, erection of steel structures, slab-on-grade insulated wall panels, and roofing systems.

MEP & Utility Installations:

Install HVAC, compressed air systems, electrical networks, water supply and drainage, and fire protection systems as per NFPA/local standards.

Process & Equipment Integration:

Set up custom production lines, machinery, chemical piping, ventilation, testing bays, and material handling systems.

Finishing & Architectural Works:

Internal cladding, flooring, office spaces, laboratories, testing rooms, storage areas, and building automation systems.

Commissioning & Handover:

Perform system testing, safety validation, fire drills, equipment trials, and operator training. Deliver full documentation and occupancy certification.



Power Plant Construction

As part of our integrated infrastructure and energy services, we proudly deliver comprehensive power plant construction solutions, serving both public and private sector clients across diverse energy markets. Our scope covers conventional thermal power plants, gas turbine power stations, hybrid facilities, and auxiliary substations—supporting national grid development industrial demand, and energy transition initiatives We manage the full project lifecycle from early-stage planning and permitting to final commissioning and operational handover. Our construction methodology prioritizes safety, quality, schedule control, and environmental compliance Whether it's a greenfield development or a brownfield expansion, we execute every project with a commitment to engineering excellence, innovation, and long-term reliability Working alongside leading EPC contractors, OEMs, and utilities, we bring deep technical expertise in civil works, structural steel erection, MEP installations, turbine housing and alignment, boiler systems fuel handling systems, and grid interconnection. We adhere strictly to international codes such as IEC, IEEE, NFPA, ASME, and local utility regulations to ensure flawless execution and sustainable performance With a solid track record in high-capacity plant construction, we understand the complexity and precision required in aligning mechanical, electrical, and control systems in large-scale energy facilities. Our multi-disciplinary teams are equipped with the knowledge, tools, and technologies to deliver projects on time within budget, and to the highest technical standards





Power Plant Construction

Key Phases:

Feasibility Study & Site Preparation:

Assess technical and economic feasibility, environmental impact, and grid connectivity. Prepare the site through grading, drainage, and access infrastructure setup.

Engineering Design & Permitting:

Develop complete design packages including civil, structural, mechanical, and electrical layouts. Secure regulatory approvals, permits, and utility interconnection agreements.

Procurement & Logistics:

Coordinate the supply of heavy equipment (turbines, generators, boilers), structural materials, and specialized systems. Ensure safe, timely delivery to site.

Civil & Structural Works:

Construct foundations, turbine pedestals, cooling towers, water intake structures, control rooms, and administration buildings. Install structural steel for equipment housing and gantries.

Mechanical Installation:

Erect and align turbines, generators, heat recovery steam generators (HRSGs), condensers, pumps, and piping systems. Implement fuel delivery and exhaust systems.

Electrical & Instrumentation Installation:

,Install power transformers, switchgear, bus ducts, cabling, lighting, control systems, SCADA interfaces and protection relays for safe and stable plant operation.

Testing & Commissioning:

Conduct mechanical run tests, insulation resistance testing, synchronization trials, load testing, and final performance validation under operational conditions.



Power Plant Construction

Key Phases:

Handover & Operational Readiness:

Deliver as-built documentation, testing certificates, O&M manuals, and training for client personnel Complete final inspections and system acceptance.

After-Sales Support:

Provide maintenance services, spare part logistics, remote diagnostics, and performance optimization support to ensure lifecycle reliability and cost-effectiveness.





Oil & Gas Refineries Construction

We deliver comprehensive and technically advanced refinery construction solutions to serve the full spectrum of the oil and gas industry. Our capabilities span from grassroots refinery development to modular and brownfield upgrades, executed with strict compliance to international and regional standards—including those of **Saudi Aramco** and other major NOCS.

With expertise across all refinery process units and auxiliary systems, our construction services cover every phase of project execution—engineering integration, civil and structural works, mechanical installation electrical and instrumentation systems, utility infrastructure, and final commissioning. We build facilities that are safe, scalable, cost-effective, and optimized for performance and sustainability.

Our work aligns with the latest international engineering codes (API, ASME, ASTM, NFPA, IEC, ISO) and regional specifications, including Saudi Aramco Engineering Standards (SAES), General Instructions (GI) and mandatory Inspection Test Plans (ITP). We have the systems, tools, and qualified personnel to deliver industrial excellence for clients across the GCC and MEN.

Key Refinery Types We Construct

Modular Refineries:

We construct modular refineries—compact, skid-mounted facilities designed for fast deployment, cost efficiency, and remote operation. These units are ideal for locations with limited infrastructure or lower throughput requirements (1,000 to 30,000 BPD).

- 1- Factory-built modules reduce site construction time
- 2- Quick installation and startup
- 3- Easy scalability or relocation
- 4- Suited for marginal oil fields and regional refining needs





Oil & Gas Refineries Construction

Greenfield Refinery Developments:

We execute large-scale greenfield refinery projects from the ground up, developing complete processing and utility systems.

- 1- Crude/Vacuum Distillation Units (CDU/VDU)
- 2- Hydrocracking & Hydrotreating Units
- 3- Catalytic Reformers & FCC Units
- 4- Flare Systems, Tank Farms, and Utility Blocks
- 5- Power Generation, Water Treatment, and Instrument Air Systems

We offer complete EPC execution or act as a lead contractor in multi-scope packages, ensuring compliance with environmental permits and stakeholder regulations.

Brownfield Refinery Upgrades & Expansion:

We perform complex brownfield projects including revamps, expansions, and modernization of existing facilities.

- 1- Integration of new units into operating plants
- 2- Capacity expansion & debottlenecking
- 3- Emissions control upgrades
- Instrumentation and automation improvements
- 5- Shutdown support and fie-in execution under live conditions

We follow stringent safety procedures to minimize production disruption and deliver work with minimal downtime.

Saudi Aramco & Regional Standards Compliance:

Our team is fully versed in **Saudi Aramco** standards, regional permitting procedures, and quality assurance requirements.

- 1- SAES (Saudi Aramco Engineering Standards)
- 2- SAMSS (Material System Specs), SATIP, SAIC
- 3- GIS (General Instructions), GIs, and Work Permit Systems
- 4- SABIC, ADNOC, and KOC compliance when required

We maintain a skilled workforce approved by local authorities and oil & gas clients, with field QA/QC, HSE, and documentation practices fully aligned with **Aramco's expectations**.



Construction Process – Overview of Key Phases

Key Phases:

FEED Review & Planning:

Coordinate with client and EPC to validate design packages, safety studies (HAZOP, SIL), constructability and site logistics planning.

Site Preparation:

Grading, drainage, fencing, and development of laydown yards, access roads, and utilities.

Civil & Structural Works:

Foundations, tank bund walls, pipe rack supports, equipment foundations, cable trenches, and structural steel erection.

Mechanical Installation:

Reactors, distillation columns, heat exchangers, pumps, skids, and static/dynamic equipment with lifting, alignment, and welding per API/ASME standards.

Piping Fabrication & Testing:

Installation of carbon steel, stainless, and alloy piping; includes stress analysis, welding, NDT, pressure testing, flushing, and insulation.

Electrical & Instrumentation:

Complete E&I works including MCCs, cable trays, control systems, field instruments, SCADA/DCS integration, and ESD systems.

Utility Systems & Offsites:

Tank farms, flare stacks, water treatment, power generation, HVAC, firewater, and nitrogen/air systems



Construction Process – Overview of Key Phases

Key Phases:

Pre-Commissioning & Startup:

Loop checks, leak testing, logic testing, flushing, inerting, calibration, and energization.

Handover & Support:

As-built documentation, O&M manuals, operator training, spare parts, and post-handover maintenance or operation support as required.





شركة القوة الرائدة للمقاولات شركة ذات مسؤولية محدودة

PARTNER COMPANIES





PARTNER COMPANIES

Pioneer Power Contracting (PPC) has partnered up with multiple companies to expand its area of expertise and establish new relations throughout the world. PPC partner companies details are as below;



• Pipeline Services International GmbH & Co. KG



Pacific Consolidated Industries (PCI Gases)



INTECNA Group

PIPELINE SERVICES INTERNATIONAL GMBH & CO. KG (PSI)

Pipeline Services International GmbH & Co. KG offers a wide range of services for the sector of pipeline and plant construction which essentially includes:

- Pressure tests
- Cleaning of pipelines
- Caliper pigging
- Drying
- Intelligent pigging
- Construction of pigs

PSI

Pressure Tests - Resistance and tightness test

To ensure the safety of pipelines for humans and the environment, pressure tests with water, air and gas are carried out. These are primarily used for testing the tightness. By carrying out pressure tests with water, the tightness and also the resistance of a pipeline or a system are tested.

PSI equipment is capable of handling a range of pipelines from 2" to 56". The prescribed rates of pressure increments are secured within the guidelines of the VdTÜV leaflets. We possess high-pressure pig traps in all

pipe sizes that are designed for specific operating pressures.

Also, pressure tests with air and gas are part of our business activities. Our high-pressure compressors are available for air pressure tests up to 25 bar. For gas pressure tests we generally use nitrogen





Cleaning of pipelines

PSI services include mechanical and chemical-mechanical cleaning of pipelines.

For the implementation of these works PSI use different types of purpose-built pigs. PSI equipment is completed by the use of oil separators, silencers and closed tank systems.

During the mechanical cleaning pigs are used which are specially adapted to the contaminated pipeline. Propelled by compressed air, water or the product the pigs clean the pipelines by rubbing or scraping. Moreover, they can be equipped with different tools. This allows an efficient removal of deposit. In chemical-mechanical cleaning PSI use e.g. biodegradable cleaning agents. This allows an environmentally friendly and safe working.





Multi-Channel Caliper Pigging

The Multi-Channel Caliper Pig is a new research tool to measure the internal geometry of pipelines and was developed by PSI Pipeline Services International GmbH & Co. KG. It enables recordings of dents, ovalities, welding seams, changes of wall thickness and installations in longitudinal and circumferential direction.

The Multi-Channel Caliper Pig can be propelled with air or water, even with the pipeline being under operation.





Drying

Pipeline and equipment must be dried before use to avoid any internal condensation.

For this we offer drying with air and nitrogen.

Drying units for air drying are available in various sizes.

For pipelines with larger diameter and larger installations we work with drying units which can handle a maximum volume flow rate of up to $12,000~\rm m^3/h$ of pre-dried air to $-60°\rm C$



with maximum 1 bar. There are two options for the drying at nitrogen: small installations can be dried by using nitrogen bundles, large installations with liquid nitrogen and an evaporation unit.

Intelligent Pigging

The latest inspection instruments are so-called intelligent pigs. They can control the inside of a pipeline non-destructively and provide data about length, depth, width and location of a corrosion failure or a crack. PSI offer intelligent pigging using ultrasound or the magnetic flux leakage principle. PSI provide the organisation and logistics. If deemed necessary, PSI also provide the required technology of pumping. Our partner companies in the field of intelligent pigging are established companies in the market who have developed TÜV-approved systems. In that way you get the optimal solution from one source.





QUALITY POLICY





QUALITY POLICY

The Company is committed to providing complete customer satisfaction to the best of its abilities and to ensuring that all internal procedures and practices are suitable for that purpose.

In addition, the Company complies with applicable legislation and regulations as well as the recommendations and ethics of industry bodies to which it subscribes. This commitment extends to the continual improvement of quality and environmental performance together with the prevention of pollution.

To achieve this, result from the Company has adopted a policy of operating a coordinated Quality Management System meeting the requirements of the ISO 9001:2000 standard, by providing the framework for setting and reviewing management objectives and targets.

It is the Company's policy to maintain an electronic communications network covering all aspects of the services provided that links all offices and the ships being operated. While standard formats are used, the facility exists to adjust the format to suit the specific requirements of an individual contract.

The Company appreciates and emphasizes to staff that the use of standard formats is a means of ensuring that quality standards are maintained to a consistent level thus meeting the needs and expectations of customers.

The aim of standardization is not to remove flexibility, which is certainly a requirement in our industry but to provide a medium of documentation and communication relevant to the business in general and a specific contract in particular. This ensures that the work undertaken can be monitored and audited to confirm compliance with the contract and the ISO standard.



Directors and Managers have the responsibility of ensuring that the policy is communicated and understood by all personnel engaged in tasks that can influence quality matters, that they are aware of their obligations under the standard and are provided with adequate, suitable resources.

The Quality Manager is authorized to monitor and maintain the Quality Management System and to report to the Company's Management Review Meeting on the continued suitability and achievement of quality objectives.

The Company is aware of its responsibility to provide resources for the control of the Quality Management System including, where appropriate, competence, technology and finance. Maximum effort is directed towards providing satisfactory services whilst ensuring that any problems that do arise are resolved expediently and professionally.





HSE POLICY





HSE POLICY

Pioneer Power Contracting is committed to the (HSE) Health, Safety, Environmental and ensuring implementing compliance and towards accomplishing all of the company goals and objectives.

PPV has the following priorities and prerequisites in conducting its business:

- The safety of staff during working operations.
- The health of PPC's personnel, customers, suppliers and contractors.
- Minimizing environmental impacts associated with its activities.
- · Keeping the authorities and the public informed.
- · Compliance with applicable legislation

The following principles must be applied every day and at all sites to succeed in our commitment:

- · Remove or alleviate hazardous situations to minimize risks to personnel
- Set HSE performance objectives, measure results, assess and continually improve processes, through the use of an effective management system
- Monitor the health of our personnel regularly to ensure that workers have the physical ability to perform their duties
- Guarantee and monitor that our activities have minimal impact on the environment.
- Minimize our impact on the environment through pollution prevention, reduction of natural resource consumption and emissions, and the reduction and recycling of waste
- Apply our technical skills to all Health, Safety and Environment aspects in the design and engineering of our services and products



- Promote awareness of issues relating to Health, Safety and Environment towards our employees and contractors, improving their skills through appropriate training programs and information.
- Develop, maintain and test procedures and resources for dealing with emergencies to reduce the impact of incidents to a minimum.
- · Report and analyze all accidents, incidents and anomalies.
- Monitor our performance and check our management system in order to improve rules and procedures in conducting our activities.
- Maintain a consistent and transparent dialogue with authorities, local realities and other stakeholders, openly communicating our HSE policies, standards, programs and performance.





REFERENCES





REFERENCES

International

- Pipeline Services International
- SNC Lavalin
- · (Package I, II & III)
- Magna Flow
- Sunoco
- ConocoPhillips
- Mainstream
- Enterprise Products
- · Greene's Pipeline Services
- Aggreko
- Graco
- High Tech Rentals
- Helix
- Resolute
- Shell
- Quality Air Services
- Chevron
- AMEC
- · North West Equipment
- Baker Hughes
- Boots and Coots
- OXY
- Peabody Mining
- Penicle

- Cinatra Clean
- Noble
- Halliburton
- Tech Foam
- Arch Mining
- Aker Solutions
- Sunoco
- Weatherford
- BW Offshore
- CONSOL Energy
- Key Energy
- · Air Drilling Associates
- Basic Energy
- BJ Services
- ExxonMobil
- TD Williams
- Kinder Morgan
- BP
- Fuel Energy
- Moran Towing



Local Pipeline Turnkey / Pre-commissioning Projects

SRG-2 (J-509) (SAU)

Diameter: 56"

Pipeline Length: 150 KM

Client: Aramco

Date: 2016

Khurais

Diameter: 20,30,36"

Pipeline Length: 110 KM

Client: Arkad

Date: 2018

Quad Loop Pipeline

Diameter: 56"

Pipeline Length: 36.55 KM

Client: Aramco

Date: 2020

Al Hasa - Haweyah

Diameter: 56"

Pipeline Length: 110 KM

Client: RTCC

Date: 2024

Turaif

Diameter: 30"

Pipeline Length: 60 KM

Client: SNC - Lavalin

Date: 2018

Jafurah

Diameter: 6,8,10,12,16,30,42"

Pipeline Length: 429 KM

Client: NBC

Date: Ongoing

Haweyah, Hugers

Diameter: 8,10,16,20,24,56"

Pipeline Length: 138 KM

Client: NESMA

Date: 2020

Zuluf

Diameter: 10,18,42"

Pipeline Length: 206 KM

Client: Denys Arabia

Date: Ongoing



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
KEM ONE	Technipipe pipeline technologies	La Fosette - Lavera (FR)	18"	20 km	Brine	December 16	Multi-Channel
Petronas	EUREKA EFEKTIF	PGPP, KP30 - KP0 (MY)	36"	30 km	Air	December 16	Multi-Channel
DDEIO	NDT Global GmbH & Co. KG	VS - AO (DK)	06"	1 km	F-35	December 16	Multi-Channel
BPGE	NDT Global GmbH & Co. KG	FL-3, Sutum - Horst (DE)	08"	0,97 km	Water	November 16	Multi-Channel
BPGE	NDT Global GmbH & Co. KG	FL-3, Scholven - Sutum (DE)	06"	7,2 km	Water	November 16	Multi-Channel
DDEIO	NDT Global GmbH & Co. KG	Karup - Vestbjerg (DK)	06"	110 km	F-35	November 16	Multi-Channel
SINOPEC	SYNOMATE	PTP-NM KP0 - KP110 (TH)	28"	110 km	Air	October 16	MC + Mapping
Fluxys	Denys NV	Tessenderlo - Diest (BE)	24"	16,7 km	Air	October 16	Multi-Channel
Exxon Mobil	NDT Global GmbH & Co. KG	Le Havre - Port Jerome (FR)	22"/26"	35 km	Crude oil	October 16	Multi-Channel
DPF	Technipipe pipeline technologies	ETBE - MTBE Pipeline (FR)	10"	3,4 km	ETBE	October 16	Multi-Channel
Bayern Oil	NDT Global GmbH & Co. KG	Vohrburg - Münchsmünster (DE)	10"	14 km	Diesel	October 16	Multi-Channel
Bayern Oil	NDT Global GmbH & Co. KG	Münchsmünster - Vohburg (DE)	10"	14 km	Water	October 16	Multi-Channel
Bayern Oil	NDT Global GmbH & Co. KG	Vohburg - Neustadt (DE)	08"	19 km	Diesel	October 16	Multi-Channel
Bayern Oil	NDT Global GmbH & Co. KG	Münchsmünster - Vohburg (DE)	06"	14 km	Water	October 16	Multi-Channel
Uniper SE	Wetnetz	Datteln - Beisenkamp (DE)	10"	3 km	Water	September 16	Multi-Channel



Pipeline Length of Pipeline Client **Project** Remarks **Period** Medium Diameter Owner Technipipe pipeline Lyondell Basell La Feuillane - Lavera (FR) 08" 19,3 km September 16 Multi-Channel Water technologies NDT Global GmbH & Co. Bayern Oil Neustadt - Vohburg (DE) 10" Multi-Channel 19 km Diesel September 16 KG NDT Global GmbH & Co. Bayern Oil Neustadt - Vohburg (DE) 10" 19 km Diesel September 16 Multi-Channel KG NDT Global GmbH & Co. 16" Evonik Rhede - Marl (DE) 33 km Brine September 16 Multi-Channel KG NDT Global GmbH & Co. Evonik Gelsenkirchen - Marl (DE) 12" Multi-Channel 10,4 km Water August 16 KG PERN 32" Multi-Channel **POLAQUA** Nieporet - Rasztow 15,6 km Air August 16 15,80 28" **SINOPEC SYNOMATE** PTP-NM KP16 - KP1 (TH) Air August 16 Multi-Channel km PTP-NM KP19+832 -28" **SINOPEC** Multi-Channel **SYNOMATE** 11,3 km Air July 16 KP31+075 (TH) SINOPEC **SYNOMATE** PTP-NM KP71 - KP89 (TH) 28" 18.5 km Air July 16 Multi-Channel **ARC DE DIERREY LOT5** Spac / Denys 48" 15,7 km Multi-Channel **GRTgaz** Air July 16 Test section 5+6 (FR) **ARC DE DIERREY LOT5** 48" 17,9 km Multi-Channel **GRTgaz** Spac / Denys Air July 16 Test section 3+4 (FR) **ARC DE DIERREY LOT5** 48" **GRTgaz** Spac / Denys 14.8 km Air July 16 Multi-Channel Test section 2 (FR) **ARC DE DIERREY LOT5 GRTgaz** Spac / Denys 48" 9.8 km Multi-Channel Air July 16 Test section 1 (FR) NDT Global GmbH & Co. **FBG** 10" Multi-Channel Würselen - Altenrath (DE) 90 km Jet Fuel July 16 KG **PETROGISTIX** 56" Saudi Aramco SRG-2 (J-509) (SAU) 150 km Air June 16 Multi-Channel Max Streicher ARC DE DIERREY LOT5 (FR) 48" Multi-Channel **GRTgaz** 63 km Air June 16 NDT Global GmbH & Co. Steinhöring – Burghausen 12" OMV 61,2 km Crude oil May 16 Multi-Channel KG (DE)

ARC DE DIERREY LOT5

Test section 3 (FR)
ARC DE DIERREY LOT5

Test section 5 (FR)

ARC DE DIERREY LOT5

Test section 4 (FR)

Spac / Denys

Spac / Denys

Spac / Denys

GRTgaz

GRTgaz

GRTgaz

48"

48"

48"

6,6 km

6.2 km

11,3 km

Air

Air

Air

April 16

April 16

April 16

Multi-Channel

Multi-Channel

Multi-Channel



Pipeline Owner Client Project Diameter of Pipeline Medium Period Remarks

GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 1 (FR)	48"	9,8 km	Air	April 16	Multi-Channel
SINOPEC	SYNOMATE	PTP-NM KP70 - KP59 (TH)	28"	11,4 km	Air	April 16	Multi-Channel
GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 2 (FR)	48"	14,7	Air	March 16	Multi-Channel
GRTgaz	Max Streicher	ARC DE DIERREY LOT4 PK 50,8 – PK 55,7 (FR)	48"	5,15 km	Air	March 16	Multi-Channel
GRTgaz	Max Streicher	ARC DE DIERREY LOT4 PK 50,8 – PK 40 (FR)	48"	10,8 km	Air	March 16	Multi-Channel
SINOPEC	SYNOMATE	PTP-NM KP31 - KP43 (TH)	28"	11,9 km	Air	March 16	Multi-Channel
SPMR	NDT Global GmbH & Co. KG	Villette de Vienne (FR) - Vernier (CH)	12"	255 km	Diesel	March 16	Multi-Channel
BP-Europe	NDT Global GmbH & Co. KG	Gustavsburg - FL Frankfurt (DE)	12"	23 km	Jet Fuel	February 16	Multi-Channel
OMV	NDT Global GmbH & Co. KG	Burghausen - Feldkirchen (D)	08"	87,2 km	Diesel	December 15	Multi-Channel
OMV	NDT Global GmbH & Co. KG	Feldkirchen - Erding (D)	08"	36,2 km	Jet Fuel	December 15	Multi-Channel
Chevron	Saipem s.a	CRX-Pipelien Project - Angola(AO)	20"/22"	94,7 km	Water	November 15	Multi-Channel
DDEIO	NDT Global GmbH & Co. KG	Aalborg NE - Aalborg SE (DK)	06"	1,3 km	Water	November 15	Multi-Channel
Geogaz-Lyondell	Technipipe pipeline technologies	Geogaz - Lyondell; Fos sur Mer (FR)	06"	27,8 km	Water	September 15	Multi-Channel
GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 5 (FR)	48"	6,2 km	Air	April 16	Multi-Channel
GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 4 (FR)	48"	11,3 km	Air	April 16	Multi-Channel
GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 1 (FR)	48"	9,8 km	Air	April 16	Multi-Channel
SINOPEC	SYNOMATE	PTP-NM KP70 - KP59 (TH)	28"	11,4 km	Air	April 16	Multi-Channel
GRTgaz	Spac / Denys	ARC DE DIERREY LOT5 Test section 2 (FR)	48"	14,7	Air	March 16	Multi-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
GRTgaz	Max Streicher	ARC DE DIERREY LOT4 PK 50,8 – PK 55,7 (FR)	48"	5,15 km	Air	March 16	Multi-Channel
GRTgaz	Max Streicher	ARC DE DIERREY LOT4 PK 50,8 – PK 40 (FR)	48"	10,8 km	Air	March 16	Multi-Channel
SINOPEC	SYNOMATE	PTP-NM KP31 - KP43 (TH)	28"	11,9 km	Air	March 16	Multi-Channel
SPMR	NDT Global GmbH & Co. KG	Villette de Vienne (FR) - Vernier (CH)	12"	255 km	Diesel	March 16	Multi-Channel
BP-Europe	NDT Global GmbH & Co. KG	Gustavsburg - FL Frankfurt (DE)	12"	23 km	Jet Fuel	February 16	Multi-Channel
OMV	NDT Global GmbH & Co. KG	Burghausen - Feldkirchen (D)	08"	87,2 km	Diesel	December 15	Multi-Channel
N.A.	KVV Ungarn	Sec. Gödöllö (HU)	32"	2,5 km	Air	February 14	Multi-Channel
CLH	NDT Global GmbH & Co. KG	Barcelona – Aeroporto del Prat (ES)	06"	12,6 km	Jet Fuel	February 14	Multi-Channel
GAZ-System	POL AQUA	Goleniow - Swinoujscie (PL)	32"	80 km	Air	January 14	Multi-Channel
Ferngas GmbH Oberösterreich	ARGE Oberösterreich VAM / Kremsmüller	Haidach (AT) - Puchkirchen (AT)	32"	34,2 km	Air	December 13	Multi-Channel
PTTEPI	Greene's Energy Group	Myanmar Offshore (MM)	28"	242 km	Air	November 13	Multi-Channel
GASCADE	ARGE Max Streicher, PPS, Vorwerk	Midal-Süd Loop Lot 1 to 3 (DE)	40"	88,7 km	Air	November 13	Multi-Channel
DDEIO	NDT Global GmbH & Co. KG	Aalborg NE - Aalborg SE (DK)	06"	1,3 km	Water	November 15	Multi-Channel
Geogaz-Lyondell	Technipipe pipeline technologies	Geogaz - Lyondell; Fos sur Mer (FR)	06"	27,8 km	Water	September 15	Multi-Channel
DONG	PSE	Stenlille (DK)	12"	2,2 km	Air	July 14	Multi-Channel
Chevron	Saipem s.a	CRX-Pipelien Project - Angola(AO)	20"/22"	94,7 km	Water	November 15	Multi-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
-------------------	--------	---------	----------	-----------------------	--------	--------	---------

OMV	NDT Global GmbH & Co. KG	Feldkirchen - Erding (D)	08"	36,2 km	Jet Fuel	December 15	Multi-Channel
DONG	PSE	Stenlille (DK)	12"	1,6 km	Air	July 14	Multi-Channel
Snam Rete Gas	Max Streicher	Zimella - Cervignano, PK65- PK104 (IT)	56"	39,3 km	Air	June 14	Multi-Channel
GRTgaz	Spac/Denys	Corbi - Marquay (FR)	48"	52,8 km	Air	June 14	Multi-Channel
TAL / SIOT	NDT Global GmbH & Co. KG	Trieste - Ingolstadt (IT, AT, DE)	40"	465 km	Crude oil	June 14	Multi-Channel
РТТЕРІ	Greene's Energy Group	Myanmar Onshore (MM)	28"	58 km	Air	May 14	Multi-Channel
N.A.	KVV Ungarn	Szada - Rakospatak (HU)	32"	15,5	Air	March 14	Multi-Channel
N.A.	KVV Ungarn	Ronhány - Rád (HU)	32"	14,4 km	Air	February 14	Multi-Channel
TMMES	Romstar Group Malaysia	Malaysia Onshore (MY)	10"	1,5 km	Air	November 13	Multi-Channel
TOTAL	NDT Systems & Services GmbH & Co. KG	Le Havre(FR) - Hargeville (FR)	20"	143,7 km	Crude oil	November 13	Multi-Channel
TOTAL	NDT Systems & Services GmbH & Co. KG	Gargenville (FR) - Grandpuits (FR)	20"	118,3 km	Jet Fuel	November 13	Multi-Channel
Ferngas GmbH	ARGE Oberösterreich VAM / Kremsmüller	Zagling (AT) - Kühschinken (AT)	20"	4,3 km	Air	October 2013	Multi-Channel
GRTgaz	Spac/Denys	Loon Plage (FR) - Pitgam (FR)	32"	16,8 km	Air	October 2013	Single-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	32"	164 km	Gas	September 13	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	24"	82 km	Gas	September 13	Multi-Channel
Bord Gais Networks	Sicim S.p.A	Baunlusk AGI (IRL) - Great Island (IRL)	16"	46,1 km	Air	August 13	Single-Channel
FBG	NDT Systems & Services GmbH & Co. KG	Kehl (DE)	08"	9 km	Jet Fuel	August 13	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	24"	157 km	Gas	August 13	Multi-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
BP Norge AS	KTN Norway	BP Norway Offshore (NO)	20"	37 km	Water	April 13	Multi-Channel
Monting d.o.o	ROSEN Europe B.V.	Sibenik - Dugopolje (HR)	20"	60 km	Air	March 13	Single-Channel
Monting d.o.o	ROSEN Europe B.V.	Benkovac - Sibenik (HR)	20"	37 km	Air	March 13	Single-Channel
Snam Rete Gas	Snam Rete Gas	Sant' Eufemia - Tarsia (IT)	16"	94,5 km	Gas	February 13	Multi-Channel
TAL	TAL-OR	Ingolstadt - Karlsruhe (DE)	26"	263,2 km	Oil	January 13	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Calderari - Bivio Gigliotto (IT)	16"	36,6 km	Gas	February 13	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Raffadali - Sciara (IT)	30"	85 km	Gas	December 12	Multi-Channel
Net4Gas	ARGE Denys – Alpine v.o.s.	TS 20 - TS 24 (CZ)	56"	18,3 km	Air	November 12	Single-Channel
Net4Gas	ARGE Denys – Alpine v.o.s.	TS 13 - TS 20 (CZ)	56"	20,9 km	Air	November 12	Single-Channel
Gas Connect (AT)	ARGE WAG 2011	Lichtenau - Rappottenstein (AT)	48"	27,6 km	Air	November 12	Single-Channel
Net4Gas	ARGE Denys – Alpine v.o.s.	Primda – End TS 12 (CZ)	56"	66,57 km	Air	October 2012	Single-Channel
GmbH	Max Streicher GmbH & Co KG aA	Windberg – Schwandorf (DE)	40"	72,24 km	Air	September 12	Multi-Channel
RAG.AUSTRIA.ENE	Kremsmüller Industrieanlagenbau KG	UGS Pfaffstätt – Oberkling (AT)	16"	2,9 km	Air	September 12	Multi-Channel
RAG.AUSTRIA.ENE	Kremsmüller Industrieanlagenbau KG	Auerbach – Oberkling (AT)	24"	0,7 km	Air	September 12	Multi-Channel
Net4Gas	ARGE Denys – Alpine v.o.s.	Lot 2 & 3 Test section 8 (CZ)	56"	4,9 km	Air	August 12	Single-Channel
BP-GE	BP-GE	Gelsenkirchen (DE)	12"	23 km	Water	September 10	Multi-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
Gas Connect (AT)	ARGE WAG 2011	Bad Leonfelden - Rainbach (AT)	48"	17,2 km	Air	August 12	Multi-Channel
GASCADE	Max Streicher	Lubmin - Horst, Lot 3b, 4 & 5 (DE)	56"	87 km	Air	August 12	Multi-Channel
GASCADE	Max Streicher	Umlegung Südal Burghausen (DE)	28"	0,3 km	Air	June 12	Multi-Channel
PGN Indonesia	PT Farrel Indonesia	Bojonegara - Cikande (ID)	24"	33 km	Air	June 12	Single-Channel
Snam Rete Gas	Snam Rete Gas	San Benedetto - Chieti (IT)	26"	74,8 km	Gas	June 12	Multi-Channel
Gas Connect (AT)	Bohr & Rohrtechnik GmbH	Schwechat - Mannswörth (AT)	20"	3,3 km	Air	June 12	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Recanati - San Benedetto (IT)	26"	69,8 km	Gas	June 12	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Cartoceto - Recanati (IT)	26"	69,9 km	Gas	June 12	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Rimini - Cartoceto (IT)	26"	53,8 km	Gas	June 12	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Rimini - Sansepolcro (IT)	26"	74 km	Gas	May 12	Multi-Channel
Snam Rete Gas	Snam Rete Gas	Foligno - Gallese (IT)	22"	83 km	Gas	May 12	Multi-Channel
Snam Rete Gas	Max Streicher	San Polo -Collalto (IT)	24"	16,2 km	Air	May 12	Single-Channel
GASCADE	ARGE NEL Niedersachen	Wingas 7 - OGE 1 (DE)	56"	20 km	Air	May 12	Single-Channel
TECO (MY)	Romstar Group Malaysia	Malaysia Offshore (MY)	12"	10,3 km	FWS	May 12	Multi-Channel
Nusantara Regas	PT Tonsco Indonesia	Indonesia Offshore (ID)	24"	15,3 km	Water	April 12	Single-Channel
EPS	ARGE EPS Baden- Württemberg	DPA 4A (DE)	10"	4,74 km	Air	April 12	Multi-Channel
RAG	Max Streicher	Anbindeleitung Überackern (AT)	36"	0,35 km	Air	March 12	Single-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
BHP Billiton	JV Clough-Streicher	Wet Gas Pipeline (AU)	20"	15,5 km	Air	March 12	Single-Channel
BHP Billiton	JV Clough-Streicher	Sales Gas Pipeline (AU)	20"	67 km	Air	March 12	Single-Channel
RAG	RAG-Austria	Puchkirchen - Haag (AT)	20"	21,2 km	Gas	March 12	Multi-Channel
Exxon Mobil	Technipipe	Le Havre (FR)	14"	35 km	Crude oil	February 12	Multi-Channel
Exxon Mobil	Romstar Group Malaysia	Malaysia Offshore (MY)	12"	3.4 km	FWS	January 12	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	16"	24.4 km	M.Phase	December 11	Multi-Channel
Exxon Mobil	Romstar Group Malaysia	Malaysia Offshore (MY)	12"	3.72 km	FWS	December 11	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	10"	24.6 km	Water	December 11	Multi-Channel
SKO	Romstar Group Malaysia	Malaysia Offshore (MY)	08"	12.3 km	Gas	December 11	Multi-Channel
OMV	ARGE WAG 2011	Enzersfeld - Sierndorf (AT)	48"	18.3 km	Air	December 11	Single-Channel
Snam Rete Gas	Snam Rete Gas	Chieti - San Salvo (IT)	22"	93 km	Gas	November 11	Multi-Channel
PT. Pertamina Gas	PT Farrel Indonesia	Indonesia (ID)	20"	35 km	Gas	October 11	Single-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	16"	4.2 km	Water	October 11	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	12"	1.2 km	Water	October 11	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	08"	1.66 km	Gas	October 11	Multi-Channel
EPS	ARGE EPS Baden- Württemberg	Holzleuten - Lienzingen (DE)	10"	103.4 km	Water	October 11	Multi-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
EPS	ARGE EPS Baden- Württemberg	Eggenstein - Lienzingen (DE)	10"	45.9 km	Water	October 11	Multi-Channel
EPS	ARGE EPS Baden- Württemberg	Münchsmünster - Dewangen (DE)	10"	140.8 km	Water	September 11	Multi-Channel
Repsol	U.T.E Manchuela	Pliego to Caratgena (ES)	14"	77 km	Air	August 11	Single-Channel
Repsol	U.T.E Manchuela	Elche to Pliego (ES)	14"	80 km	Air	August 11	Single-Channel
Repsol	U.T.E Manchuela	Puertollano to Elche (ES)	14"	199 km	Air	August 11	Single-Channel
TENP	Open Grid Europe	Mittelbrunn - Schwarzach (DE)	38"	114 km	Air	August 11	Multi-Channel
CALTEX OIL MY	Romstar Group Malaysia	Malaysia Offshore (MY)	10"	0,963 km	Water	August 11	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	08"	4,5 km	Crude oil	August 11	Multi-Channel
Petronas Carigali	Romstar Group Malaysia	Malaysia Offshore (MY)	08"	0,683 km	M.Phase	August 11	Multi-Channel
WINGAS	Max Streicher/Sicim/Bonatt i	OPAL Radeland - Olbernhau (DE)	56"	189 km	Air	June 11	Multi-Channel
BP	KTN Norway	BP Norway Offshore (NO)	10"	7.5 km	Water	May 11	Multi-Channel
ВР	KTN Norway	BP Norway Offshore (NO)	10"	5.9 km	Water	May 11	Multi-Channel
SPSE	NDT Systems & Services AG	Fos sur Mer - Lavera L - 1 (FR)	34"	12 km	Water	May 11	Multi-Channel
FBG	NDT Systems & Services AG	Pfungstadt - Rhein/Main (DE)	08"	46.1 km	Jet Fuel	May 11	Multi-Channel
SPSE	NDT Systems & Services AG	Fos sur Mer - Lavera L - 2 (FR)	34"	12 km	Naphta	April 11	Multi-Channel
FBG	NDT Systems & Services AG	Pfungstadt - Aschaffenburg (DE)	08"	45.3 km	Jet Fuel	April 11	Single-Channel
DDEIO / DORSA	NDT Systems & Services AG	Brovad -Fredericia Shell (DK)	10"	21.5 km	Diesel	March 11	Single-Channel



Pipeline Owner	Client	Project	Diameter	Length of Pipeline	Medium	Period	Remarks
DDEIO / DORSA	NDT Systems & Services AG	Brovad - Vandel (DK)	10"	51.8 km	Diesel	March 11	Single-Channel
NET4Gas/WING AS	Max Streicher	Brandov (CZ) - Olbernhau (DE)	56"	1.7 km	Air	March 11	Multi-Channel
Gas-Union GmbH	August-Fichter GmbH	Kelsterbach - Mörfelden (DE)	16"	7.59 km	Air	January 11	Multi-Channel
ENIMED S.p.A	TECMA Srl for Ghizzoni S.p.A	Ragusa (IT) - Tresauro (IT)	08"	8.4 km	Air	December 10	Single-Channel
PLINACRO d.o.o	TECMA Srl for Ghizzoni S.p.A	VRHOVINE-PLASKI & VRHOVINE- Gospic(CRO)	20"	29.8 & 38.6 km	Air	November 10	Single-Channel
OMV PETROM	HABAU - PPS	Rumania (RO)	10"	4.4 km	Air	November 10	Single-Channel
FBG	NDT Systems & Services AG	Ginsheim - Pfungstadt (DE)	10	35.6 km	Jet Fuel	October 10	Multi-Channel
BASF/Infracor	NDT Systems & Services AG	Kelsterbach - Ludwigshafen (DE)	10"	67 km	Water	October 10	Multi-Channel
ENI R & M	TECMA Srl	Venice (IT)	42"	11 km	Crude oil	September 10	Multi-Channel
TAL/SIOT	TAL/SIOT	Trieste Tank Farm C/D (IT)	42"/36"	11 km	Crude oil	September 10	Dual-Diameter Multi-Channel
BP-GE	BP-GE	Gelsenkirchen (DE)	10"	1.15 km	Water	September 10	Multi-Channel
RAG	Arge Rohrbau	Auerbach - Haiming(AT)	36"	25.8 km	Air	August 10	Single-Channel
GRT Gaz	SpieCapag	Genelard - Etrez (FR)	24"	30.5 km	Air	August 10	Single-Channel





Overview

The Manpower and Recruitment policy covers all policies and procedures, which are related to PPC the manpower strength of the Company and the process of recruitment.

Objective

- · To enable the Company to implement its business strategy by:
- · Planning for manpower requirements
- · Recruiting quality talent
- · Promoting Saudization

Objective

The Human Resources Department of PPC under the overall authority of the Head - Corporate Human Resources is responsible for ensuring compliance with the manpower and recruitment policy.

Corporate Human Resources along with the Function Heads and the CEO and PMO finalize the annual manpower plan, which also outlines the manpower budget for the year.





L / No.	Company Owned Equipment(s)	Current Number of Units
01	Nitrogen Generation Unit (Membrane)	10
02	Nitrogen Generation Unit (Liquid)	10
03	High-Pressure Pump (Up to 12,000 PSI)	15
04	C Pump	10
05	Filling Pump / Flooding Pump	10
06	Air Compressor - XRVS 1350	40
07	Oil-Free Compressor	12
08	Dryer	15
09	Booster	10
10	Chemical Injection Pump	15
11	Hydro Testing Pump	15
12	Dump Truck	40
13	Trailer	30
14	Boom Truck	10
15	Forklift	9
16	Bulldozer	10
17	Excavator	40
18	Backhoe Loader	30
19	Roller Compactor	25
20	Diesel Tanker	10
21	Trencher	12
22	Welding Machine	60
23	Water Tanker	20
24	Cars	35



Classification Indicators of Human Resource Management

Chief Commercial Officer	1
Vice-President	1
Business Development Manager	1
Projcet Director	1
Operations Manager	2
Construction Manager	5
Finance Manager	1
Secretary	3
Assistant Admin	3
Accountant	1
Operations Coordinator	5
Engineer	30
Manager, QA/QC	1
HSE Supervisor	20
Operator	100
Foreman	50
Labor	500
Welder	120
Pipe Fitter	20
Helper	50
Off. D.	40







Dammam 32426, King Saud St. Al-Kulaibi Tower, Kingdom Saudi Arabia

Email: info@pioneerpowerco.com

Tel: +966 13 833 8204

Website: www. pioneerpowerco.com

PIONEER POWER CONTRACTING LLC. (PPC)











