



PIONEER **ENGINEERING**

Pioneer Engineering International LTD are using the latest technologies in CNC machining and have an extensive range of inspection equipment to complement our license and customer manufacturing requirements.

SUPPORT SERVICES

For the Oil and Gas Industry

BAKU, AZERBAIJAN



*Oilfield Equipment
Service Repair and New Manufacture*





Peter Duthie –

Director

Mail: peterd@pioneer-eng.com

Anand Menon –

QHSE Manager

Mail: Anand.Menon@pioneer-eng.com

Cell: +994 51 640 71 67

Anil Remasan –

Machine Shop Production Manager

Mail: Baku.Ms.Supervisor@pioneer-eng.com

Cell: +994 50 693 84 61

Kevin Watson –

Branch Manager

Mail: Baku.Branch.Manager@pioneer-eng.com

Cell: +994 50 998 49 74

Rajesh Rajan –

Machine Shop Supervisor

Mail: Baku.Ms.Supervisor@pioneer-eng.com

Cell: +994 51 610 57 54

Machine Shop:

*Pioneer Engineering International LTD
25th Km, Salyan Highway, Garadagh District,
AZ1083 Baku, Azerbaijan*





Baku Machine Shop:

*Pioneer Engineering International LTD
25th Km, Salyan Highway, Garadagh District,
AZ1083 Baku, Azerbaijan*



The Team



MISSION STATEMENT

“Be the most responsive, responsible, reliable and transparent service company in the Oil & Gas Industry world-wide, delivering to our Customers the best Quality of service in the Safest possible manner.”



Products and Services

Manufacturing, Refurbishment and Repair

Pioneer Engineering has developed a Manufacturing and Refurbishment Facility in Baku where dedication to quality and service has made it one of the largest and most respected oilfield Drill Stem Component Service Centres in CIS region.

The Baku machine shop is equipped with computer controlled thread cutting machines, hollow spindle lathes and grinders operated by skilled trade people time-served in the process of manufacturing and refurbishing drill stem members and down hole tools.

▪ **Products manufactured include:**

- Drill Pipe Pups
- Customer designed Down-hole Tools
- Subs, X-Overs, Side Entry etc..
- Mills
- Junk Baskets
- Stabilizers redress by Quick Tip system
- Drift mandrels
- Washpipe, Washpipe Shoes and Lift Nubbins

▪ **Services include:**

- Repair
- Torqueing
- Yard Management
- Inspection
- High Power Water Blaster Cleaning
- Hydro Pressure Test
- Supply of Drill Pipe
- Supply of Casing & Tubing



Products and Services

VAM Services (Vallourec) awarded Pioneer Engineering Baku Best Machine Shop Licensee in 2017 under *“BEST NEW COMER”*





Premium Connection Licence Accreditations:

Pioneer Engineering International LTD is an industry leader in Oilfield Equipment Service and Repair. With extensive bar stock consignments in Azerbaijan of Carbon Steels and 13Cr we are able to offer quick turnkey manufacturing solutions for X-OVER SUBS, API FLANGES, WELL CONTROL X-OVERS, DSA and ROTARY DRILL STEM COMPONENTS.

VALLOUREC

License #915

Qualified connections Pin & Box

VAM TOP
VAM TOP HC
VAM TOP HT
VAM TOP FE
VAM 21
VAM 21 HT
VAM HP
VAM FJL
DINO VAM
VAM SLIJ II
VAM BOLT
VAM BOLT II
VAM HW
VAM HW ST

TENARIS HYDRIL

License # 296

Qualified connections Pin & Box

TSH 500 WEDGE SERIES 511, 513, 521, 523, 533, 561, 563
TSH 600 WEDGE SERIES 623
TSH PH6
TSH PH4
TSH CS
TSH ER
TSH MS
TSH MS XT/XC
TSH BLUE QUICKSEAL
TSH BLUE
TSH BLUE MAX
TSH BLUE NF
TSH SLX

GRANT PRIDECO

License # 17-1629

Qualified connections Pin & Box

XT SERIES
HT SERIES
GPDS
VX



API LICENCE ACCREDITATION

Company is operating under Integrated Management System (IMS)

*ISO 9001:2015
(3094)
API Q1
(Q1-3117)
API 5CT - Casing and Tubing
(5CT-1874)
API 6A - Well Head and Christmas
Tree Equipment
(6A-1863)
API 7-1 - Rotary Drill Stem Elements
(7-1-1355)
API 16A - Drill Through Equipment
(16A-0486)*

*ISO 9001:2015 - Quality Management System
ISO 14001:2015 - Environmental Management System
ISO 45001:2018 - Occupational Health & Safety Assessment*



Up-Coming New Licence and Special Process Accreditations:

HUNTING

SPECIAL PROCESS - HARDBANDING

*SL BOSS
SLHT*

*DURABAND
ARNCO*



Gauge Inspection Room:

An extensive range of inspection equipment is available to compliment our License and customer manufacturing requirements .

FH

5-1/2" FH Plug & Ring Gauge
6-5/8" FH Plug & Ring Gauge

H90

6-5/8" H90 Plug & Ring Gauge

EUE

2-3/8" x 8 Ext-Upset Plug & Ring Gauge
2-7/8" x 8 Ext-Upset Plug & Ring Gauge
3-1/2" x 8 Ext-Upset Plug & Ring Gauge
4-1/2" x 8 Ext-Upset Plug & Ring Gauge

BTC

7" BTC Plug & Ring Gauge
9-5/8" BTC Plug & Ring Gauge

PAC

2-7/8" PAC Plug & Ring Gauge

NUE

2-7/8" x 10 Non-Upset Plug Gauge
2-7/8" x 10 Non-Upset Plug Gauge
3-1/2" x 10 Non-Upset Plug Gauge
3-1/2" x 10 Non-Upset Plug Gauge

REG

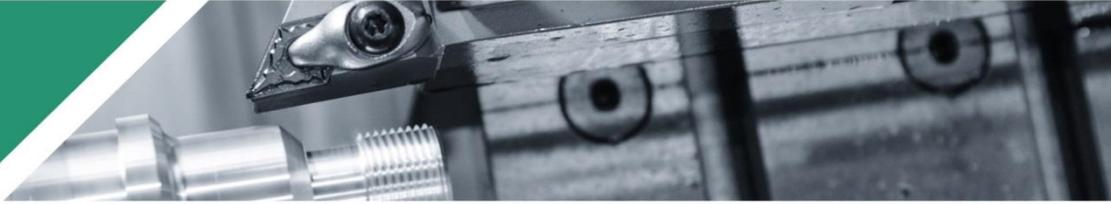
2-3/8" REG Ring & Plug Gauge
2-7/8" REG Ring & Plug Gauge
3-1/2" REG Ring & Plug Gauge
4-1/2" REG Ring & Plug Gauge
6-5/8" REG Ring & Plug Gauge
7 5/8" REG Ring & Plug Gauge
8 5/8" REG Ring & Plug Gauge

REG

6 5/8" REG Ring & Plug Gauge-LH

IF/NC

NC26 (2-3/8"IF) Ring & Plug Gauge
NC31 (2-7/8"IF) Ring & Plug Gauge
NC38 (3-1/2"IF) Ring & Plug Gauge
NC46 (4"IF) Ring & Plug Gauge
NC50 (4-1/2"IF) Ring & Plug Gauge



CNC and Manual Machines:

An extensive range of Machining equipment is available to compliment our License and customer manufacturing requirements .

CNC Machine Tools

*21" Hollow Spindle Mori Seiki SL-10
14" Hollow Spindle Hyundai 800 complete with milling function
14" Hollow Spindle Hyundai 800 complete with milling function
12" Hollow Spindle Hyundai 800 complete with milling function
10" Hollow Spindle Hankook*

Manual Lathes

*14" Hollow Spindle Pro Takang
3" Spindle Pro Takang*

Milling Machine

Pro- Takang

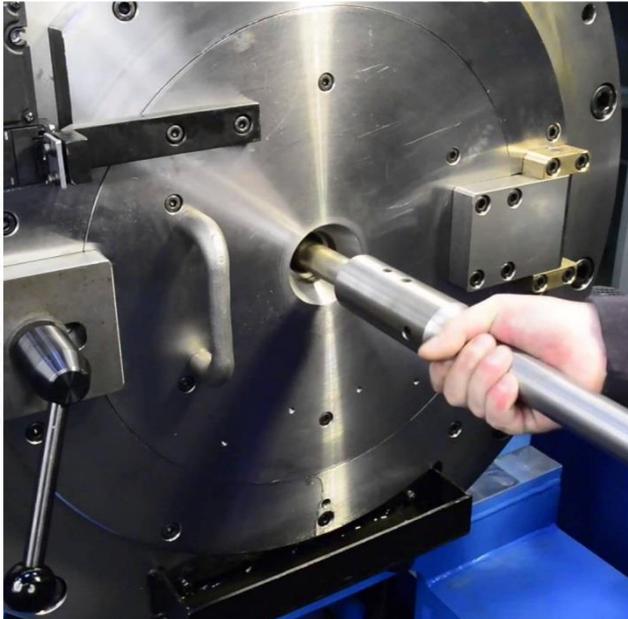
*VTL Machine with 48" Table
Horizontal Borer*

Radial Drill

Kitchen & Walker



*Swaging & Expanding
700t Capacity up to 20" diameter:*





Torquing Services:

AMC 22" 100K Bucking Unit for the Make-up of Premium Connections





Induction Coil and Ceramic Pad Systems Available:





Induction Coils:

In-addition to induction coil, ceramic pads are available for Stress relieving (Cooper heat)

INDUCTOTHERM -IROSS System

FluxManager™ Induction coil Assy. for 2-3/8" - 5-5/8" dia. Pipe
FluxManager™ Induction coil Assy. for 5-5/8" - 7-5/8" dia. Pipe
FluxManager™ Induction coil Assy. for 7-5/8" - 10-5/8" dia. Pipe
FluxManager™ Induction coil Assy. for 10-5/8" - 14-5/8" dia. Pipe
FluxManager™ Induction coil Assy. for 14-5/8" - 17-5/8" dia. Pipe
FluxManager™ Induction coil Assy. for 17-5/8" - 20-5/8" dia. Pipe



Special Process:

Phosphating

*Manganese Dip tank complete with Degreasing Dip tank and Refiner Dip tank
Zinc Diptank and Spray Hood system 20" Diameter Capacity*

Peen Blasting Cabinet

20" Diameter Capacity

Cu Plating

Brush Method by Sterling, Singapore. Approved by VAM and Tenaris Hydril

Hard Facing

Quick Tip by Cutting & Wear, UK

Hydro-Pressure test

Capacity up to 40,000 psi

High Power Water Blast Cleaning

ID - & OD Cleaning Services



Customers :

Customers	Country
British Petroleum (BP)	Azerbaijan
TOTAL	Azerbaijan
Sumitomo	Azerbaijan
Turkish Petroleum	Turkey
Schlumberger	Azerbaijan & Georgia
Expro	Azerbaijan
Franks International	Azerbaijan
Baker Hughes	Azerbaijan & Russia
Baker Hughes GE	Azerbaijan
Cameron	Azerbaijan
Onesubsea	Azerbaijan
Maersk Drilling	Azerbaijan
NOV	Azerbaijan
Weatherford	Azerbaijan & Turkmenistan
EDC Romfor	Turkmenistan
Caspian Drilling Company (CDC)	Azerbaijan
Downhole Products	Azerbaijan
Easy Drill	Azerbaijan
International Snubbing Services (ISS)	Azerbaijan
TAM International	Azerbaijan
Turan Drilling & Engineering (KCA Duetag and SOCAR AQS Company)	Azerbaijan
UBOC	Azerbaijan
Halliburton	Azerbaijan
Bos Shelf	Azerbaijan
Baku Oil Services (BOS)	Azerbaijan





Customers:

Competitive advantages

Pioneer Engineering has developed key competitive advantages in its niche markets. This can be attributed to :

- *Strategically located in growth markets in CIS region*
- *Blue chip client base*
- *Long term agreements with key customers*
- *Management team with significant experience*
- *Technical expertise and proven Machine Shop capability*
- *Reputation for Quality in manufacturing*
- *Established in markets with high barriers to entry*
- *Flexible service*
- *One-stop shop*
- *International contacts*



Product & Special Process:

Hard Facing



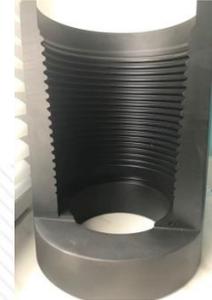
Copper Plating



*Manufacturing -
Thread*



Phosphating





Pioneer:
www.pioneer-eng.com

