



COMPLETION PRODUCTS

ARGENTINA

+54 9 2994 729242

Ruta 151 - Km 31
Barda del Medio
Río Negro, Argentina

gerenciacomercial@qroilproducts.com

COLOMBIA

+57 302 8695784

Cra 81 # 128b-52 Etapa 1
Bogotá, Colombia

www.qroilproducts.com



¿Quiénes somos?

Somos una empresa Argentina dedicada a la comercialización de productos y servicios para la industria petrolera, para así brindar soluciones que aporten valor a la misma.





OIL PRODUCTS
WELL COMPLETIONS

Misión

Proporcionar a nuestros clientes la mejor comercialización de nuestros productos de la más alta calidad y la atención oportuna de sus necesidades.

Visión

Liderar el mercado de la comercialización de productos y servicios para la industria petrolera a nivel latinoamericano.

Actualmente tenemos presencia en Argentina, Colombia, Brasil, Ecuador y Bolivia.

Established manufacturing capabilities

26,000 sq-ft facility



17 CNC's



Welding Station



Pressure Testing



Category	Annual Capacity
Bridge Plugs	3600
Cement Retainers	2500
Gas Lift Valves	20,000
Conventional Mandrel	6000
Side Pocket Mandrel	1200
Packers	600
Liner Hanger	400
Float Collar & Shoes	4000
Nipples/ SSD/ FC/Accs	6000

- Moved to a brand new facility with modern layout
- Located in an industrial belt in outskirts of Mumbai – 2 hrs from largest seaport in India

Plant Layout

Loading & Unloading Area
On the right hand in yellow is
Storage and Gas Lift Building
In Background is Sand Blasting,
Painting and Welding Workshop

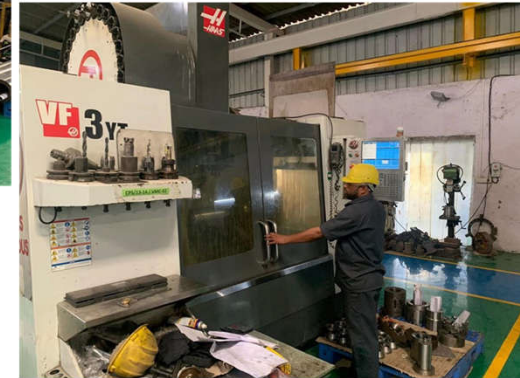


Main Machining Area



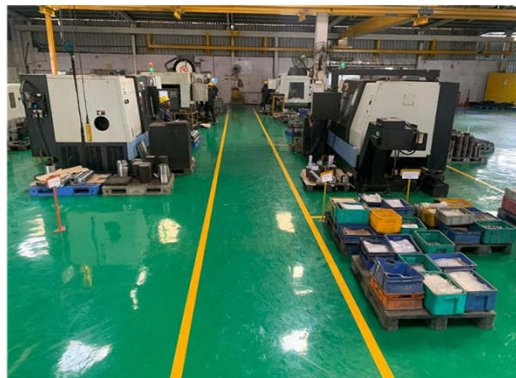
Large Horizontal CNC
Milling Machine (Doosan
brand)

Large Vertical CNC Milling
Machine
5 Axis (Haas brand)



Machining Area with Offices in
background

Large CNCs (Doosan)
and Large VMC (5 Axis
Hass)



Phosphating - 5 Tanks

Assembly & Testing



Key Machining Capabilities

CNC TURNING MACHINE



**MAKE : DOOSAN
MODEL : PUMA 400**

**MAX TURNING DIA : 550 MM
MAX TURNING LENGTH : 1043 MM
BAR WORKING DIA : 116.5 MM**



**MAKE : DOOSAN
MODEL : PUMA 480L**

**MAX TURNING DIA : 650 MM
MAX TURNING LENGTH : 2042 MM
BAR WORKING DIA : 275 MM**



**MAKE : MARSHALL
MODEL : SL-30**

**MAX TURNING DIA : 160MM
MAX TURNING LENGTH : 2.6 M
BAR WORKING DIA : 650 MM**

CNC TURN MILL & SMART TURN MACHINE



**MAKE : LMW
MODEL : LR30TM L7-TURN MILL**

**MAX TURNING DIA : 470 MM
MAX TURNING LENGTH : 700 MM
BAR WORKING DIA : 77 MM**



VERTICAL MILLING CENTRE



**MAKE : HAAS
MODEL : VF3YT/BT50-5 AXIS**

BED SIZE : 1016 X 660 X 635 MM



**MAKE : HAAS
MODEL : VF5SS/BT-40-4 AXIS**

BED SIZE : 1016 X 660 X 635 MM



**MAKE : HAAS
MODEL : VF2/BT-40-4 AXIS**

BED SIZE : 900 X 400 X 600 MM

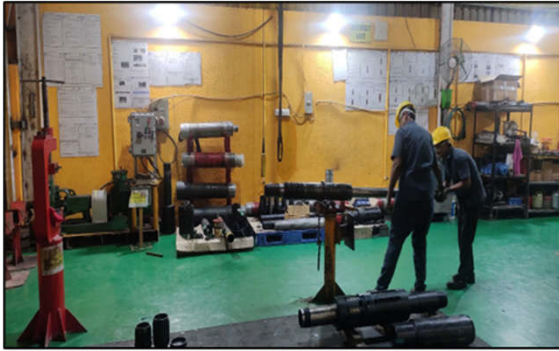


Automatic Cutting Machine
Max OD upto 300MM



Measurement Machine
Mitutoyo Model CRYSTA APEX-S
X - 900MM, Y- 1000MM, Z-800MM

Testing & Assembly Facilities



Completion Assembly & Testing Capabilities

- Assembly Area of 39 feet x 33.2 feet (L x B)
- Testing Area of 44 feet x 32 feet (L x B) area
- Pressure rating of 20,000 PSI.
- Digital Pressure Graph chart recorder
- Pressure calibrated gauges for Monitoring In line pressure rating- calibration frequency of 3 months.
- Tested Products include – Gravel Packers system, Tubing Anchor catchers, RTTS Packers, Sliding sleeve
- Functional Test.

Testing & Assembly Facilities



Gas Lift Assembly & Testing Capabilities

- Facility to assemble and test Gas Lift Valves and Equipment's as per API 19G2 spec.
- 19 feet x10 feet (L x B) area for GLV high pressure testing.
- Nitrogen booster unit & test bench -6000psi
- Ability to fill nitrogen into GLV and to perform functional & validation test of GLVs.
- Specification of valve cooler bath - valve holding capacity is 35 no's 1.5" GLV (IPO) & 50 no's of 1.0" GLV (IPO).
- Operating temperature range 0 to 50 degC.



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: **5CT-2268**

ORIGINAL

The American Petroleum Institute hereby grants to

CPS OIL & GAS EQUIPMENTS PVT. LTD.
Orchid Industrial Park, Plot No. 1, Survey No. 244
(behind Guardwell Industries, Chinchpada, Vasai East, Dist Palghar)
Vasai, Maharashtra
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-5CT** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5CT-2268**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: **Manufacturer of Casing or Tubing Couplings, Manufacturer of Casing or Tubing Pup Joints J55, PSL 1, L80(1), PSL 1, L80(13Cr), PSL 1, L80(9Cr), PSL 1, N80(1), PSL 1, N80(Q), PSL 1, P110, PSL 1; Pipe Threader**

QMS Exclusions: Design and Development

Effective Date: SEPTEMBER 23, 2022

Expiration Date: SEPTEMBER 23, 2025

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 11D1-0210

ORIGINAL

The American Petroleum Institute hereby grants to

CPS OIL & GAS EQUIPMENTS PVT. LTD.
Orchid Industrial Park, Plot No. 1, Survey No. 244
(behind Guardwell Industries, Chinchpada, Vasai East, Dist Palghar)
Vasai, Maharashtra
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-11D1** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **11D1-0210**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Bridge Plugs, Packers at V6, V5, V4, V3

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **SEPTEMBER 23, 2022**

Expiration Date: **SEPTEMBER 23, 2025**

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 14L-0104

ORIGINAL

The American Petroleum Institute hereby grants to

CPS OIL & GAS EQUIPMENTS PVT. LTD.
Orchid Industrial Park, Plot No. 1, Survey No. 244
(behind Guardwell Industries, Chinchpada, Vasai East, Dist Palghar)
Vasai, Maharashtra
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-14L** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **14L-0104**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Landing Nipples at V3, V2; Lock Mandrels at V3, V2, V1

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **SEPTEMBER 23, 2022**

Expiration Date: **SEPTEMBER 23, 2025**

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 19G1-0028

ORIGINAL

The American Petroleum Institute hereby grants to

CPS OIL & GAS EQUIPMENTS PVT. LTD.
Orchid Industrial Park, Plot No. 1, Survey No. 244
(behind Guardwell Industries, Chinchpada, Vasai East, Dist Palghar)
Vasai, Maharashtra
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-19G1** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **19G1-0028**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Side-pocket mandrels - Functional Testing Grade: F2, F3 - Design Validation Grade: V2, V3

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **SEPTEMBER 23, 2022**

Expiration Date: **SEPTEMBER 23, 2025**

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: **19G2-0027**

ORIGINAL

The American Petroleum Institute hereby grants to

CPS OIL & GAS EQUIPMENTS PVT. LTD.
Orchid Industrial Park, Plot No. 1, Survey No. 244
(behind Guardwell Industries, Chinchpada, Vasai East, Dist Palghar)
Vasai, Maharashtra
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-19G2** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **19G2-0027**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Injection-pressure-operated, Orifice - Functional Testing Grade: F3 - Design Validation Grade: V3; Dummy - Design Validation Grade: V3

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **SEPTEMBER 23, 2022**

Expiration Date: **SEPTEMBER 23, 2025**

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services



- Design, Engineering, Manufacture, Assembly & Testing of Oilfield Equipment such as;**
- * Mechanical Packers, Hydraulic Packers & Service Tools;**
 - * Artificial Lift Equipment, Landing Nipples, Sliding sleeves and Completion Accessories;**
 - * Bridge Plug, Cement Retainer, Plug and Abandonment Equipment;**
 - * Liner Hanger System and Running Tools, Cementing Accessories;**
 - * Sand Screen, Sand Control Tools, Inflow Control Device & Circulation Valves;**
 - * Float Equipment & Casing Accessories;**
 - * Wireline and Slickline Tools;**



Current issue date: 7 March 2023
 Expiry date: 6 March 2028
 Certificate identity number: 10504392

Original approval(s):
 ISO 9001 - 7 March 2014

Certificate of Approval

This is to certify that the Management System of:

CPS Oil and Gas Equipments Pvt. Ltd.

Unit No.1, Survey No. 244, Orchid Industrial Estate, Chinchpada East, 401208, Maharashtra, India

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 0052643

The scope of this approval is applicable to:

- Design, Engineering, Manufacture, Assembly, & Testing of Oilfield Equipment such as:
- * Mechanical Packers, Hydraulic Packers and Service Tools;
 - * Artificial Lift Equipment, Landing Nipples, Sliding sleeves and Completion Accessories;
 - * Bridge Plug, Cement Retainer, Plug and Abandonment Equipment;
 - * Liner Hanger System and Running Tools, Cementing Accessories;
 - * Sand Screen, Sand Control Tools, Inflow Control Device & Circulation Valves;
 - * Float Equipment & Casing Accessories;
 - * Wireline and Slickline Tools;

Luis Cunha

Area Operations Manager - North Asia & SAMEA

Issued by: LRQA Limited



LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

SCOPE & CERTIFICATION



Design, Engineering, Assembly, Testing, Supply and Services of Oilfield Equipments such as Packers & Bridge Plugs in Validation Grades of V6, V5, V4, V3, V2, V1, V0.



Certificate of Registration

This is to certify that the
Petroleum and Natural Gas Industries

of
CPS OIL AND GAS EQUIPMENTS PVT. LTD.
at

PLOT NO. 1, SURVEY NO. 244, ORCHID INDUSTRIAL ESTATE, CHINCHPADA,
VASAI EAST, VASAI, MAHARASHTRA-401208, INDIA.

has been independently assessed and is
compliant with the requirements of:

ISO 14310:2008

For the following scope of activities:

Design, Engineering, Assembly, Testing, Supply and Services of
Oilfield Equipments such as Packers & Bridge Plugs in Validation Grades
of V6, V5, V4, V3, V2, V1, V0.

Certificate Number: UQ -2021020962

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of this Certificate	10th January 2021
1 st Surveillance Audit Due	09th January 2022
2 nd Surveillance Audit Due	09th January 2023
Certificate Expiry	09th January 2024

Daniel ..

Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request.
1175 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom
Website: www.ukcertifications.org.uk, email: info@ukcertifications.org.uk
Company No: 11847851

SCOPE & CERTIFICATION



Manufacturing and Supply of Casing and Tubing Accessories with Material Grades of J55, K55, N80, L80 (9Cr, 13 Cr), C90, T95, C110, P110, Q125 as per Applicable PSL level 1, 2 & 3 for Oil and Gas Industry.



Certificate of Registration

This is to certify that the
Petroleum and Natural Gas Industries
of
CPS OIL AND GAS EQUIPMENTS PVT. LTD.
at
PLOT NO. 1, SURVEY NO. 244, ORCHID INDUSTRIAL ESTATE, CHINHPADA,
VASAI EAST, VASAI, MAHARASHTRA-401208, INDIA

has been independently assessed and is
compliant with the requirements of:

ISO 11960:2014
For the following scope of activities:
**Manufacturing and Supply of Casing and Tubing Accessories with Material
Grades of J55, K55, N80, L80 (9Cr, 13 Cr), C90, T95, C110, P110, Q125 as per
Applicable PSL level 1, 2 & 3 for Oil and Gas Industry.**

Certificate Number: UQ – 2021020961

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	09th February 2021
1 st Surveillance Audit Due	08th February 2022
2 nd Surveillance Audit Due	08th February 2023
Certificate Expiry	08th February 2024

Daniel..
Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request.
51-55 Shelton Street, Covent Garden, London, WC2E 8JQ, United Kingdom
Website: www.ukcertifications.org.uk, Email: info@ukcertifications.org.uk
Company No: 11847851

SCOPE & CERTIFICATION



Design, Engineering, Manufacture, Assembly, Testing, Supply and Services of Oilfield Equipments Flow-Control Devices, such as Conventional Gas lift Valve, Wireline Gas Lift Valve and Side Pocket Mandrels.



Core Skill:

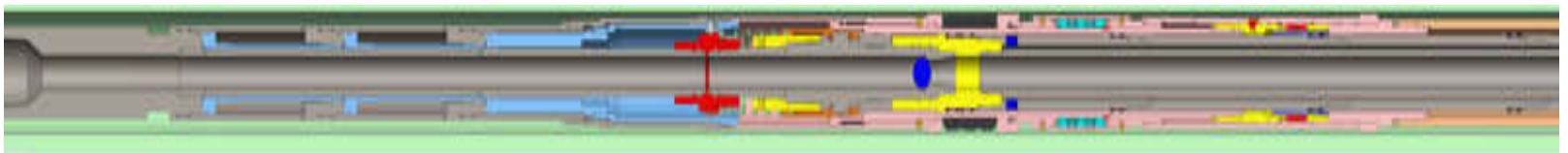
1. CAD tool Solid Works
2. Engineering Design and Calculation.
3. Material & Heat treatment
4. ASTM, NACE MR 0175, ASME.
5. Load Analysis using Ansys FEA technique

Oil & Gas Product Knowledge :

1. API 19 G1- Side Pocket Mandrel. Chemical Injection Mandrel
2. API 19G2- Gaslift Valve (IPO, Dummy, Orifice).
3. API 5CT, 7 5B: Coupling & Pupjoint,
4. API 11D1: Packer- Seal bore, Hydraulic & Mechanical, Bridge Plug
5. API 14L: Flow Control Device. Landing Nipple,
6. Service Packer: RTTS, CR3, Arrow Set
7. Gravel Pack System: SB packer, Service tool, Retrieving Tool, SAGS etc
8. Liner hanger System



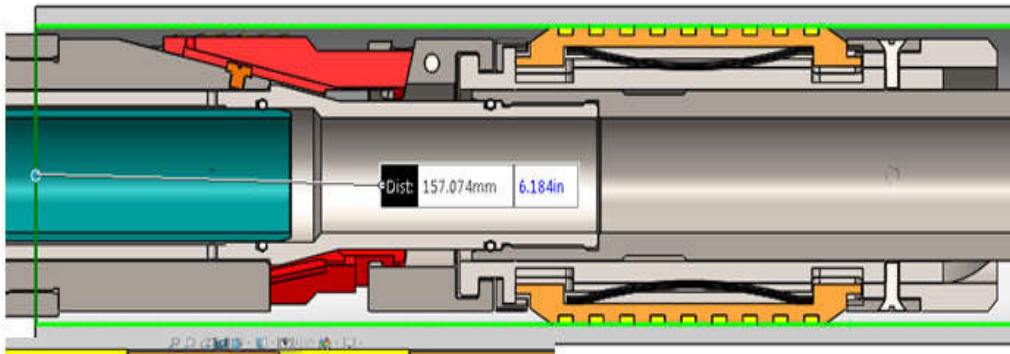
SPM + GLV + LATCH + KOT



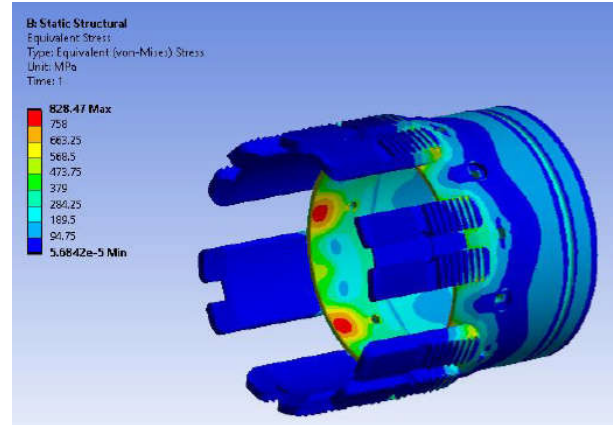
Gravel Packing System : SB Packer, Service Tool, Rertrievng Tool, GP Assembly

Engineering Project SNAP SHOTS

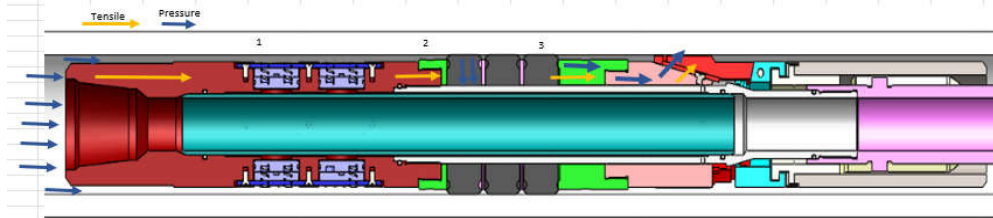
Tolerance study to check ENOUGH SPACE FOR DRAG BLOCK COMPRESSION



Von Mises Stress using FEA of Slip -Cone assy of SB packer 9.5/8



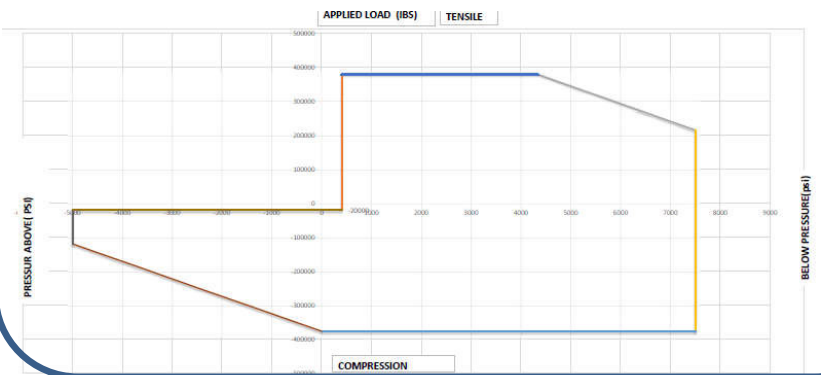
Load diagram of RTTS when Pressure up & Compression



Case 2.6, Bottom Collapse due to Pressure from Below

DIM INPUT DATA		Stress Analysis	
Radius of interest	1.77	Axial Stress	0
OD in inch	3.54	Radial Stress	-25000
ID in inch	2.39	Hoop Stress	66880.63641
Pressure Inside PSI	25000	Torsional Stress	0
Pressure Outside PSI	0	Bending Stress	0
Axial Load LBS	0	Von Mises TriaAxial	82280.22507
Bending Moment	0		
Torque Inch Lbs	0		
Bending Moment	0		
Torque Inch Lbs	0		

Perform Operating Envelope(POE) as per API 11D1 of RTTS



Product Family – Screens & ICDs

SazPrime	Premium Sand Screen	SazPrime HD	High Pressure Premium Screen
		SazPrime MD	Modular Premium Screen
		SazPrime SD	Standard Premium Screen
SazPro	Wire Wrap Screen	SazPro DW	Direct Wrap Screens
		SazPro SW	Wire Wrap Screens
SazPac	Pre-Pack Screen	SazPac	Pre-Pack Screens
FloPrime	Passive ICD	FloPrime	Passive ICD
FloPort	On-off ICD	FloPort 2P	2 Position Production - Open Close
	3 Position ICD	FloPort 3P	3 Position Production - Open Close and Stimulation
	On-off ICD	FloPort 2I	2 Position Injection - Open Close
	3 Position ICD	FloPort 3I	3 Position Injection - Open Close and Stimulation

- **FloPrime** offering combines our nozzle based, viscosity independent passive ICDs with SazPrime (premium mesh) and SazPro (wire wrapped) screens
- **FloPort** offering further integrates our passive ICDs with mechanical Sliding Sleeve for an On/Off ICD system which can be optionally coupled with various screen types. An additional Stimulation Port can be provided for a Three Position FloPort

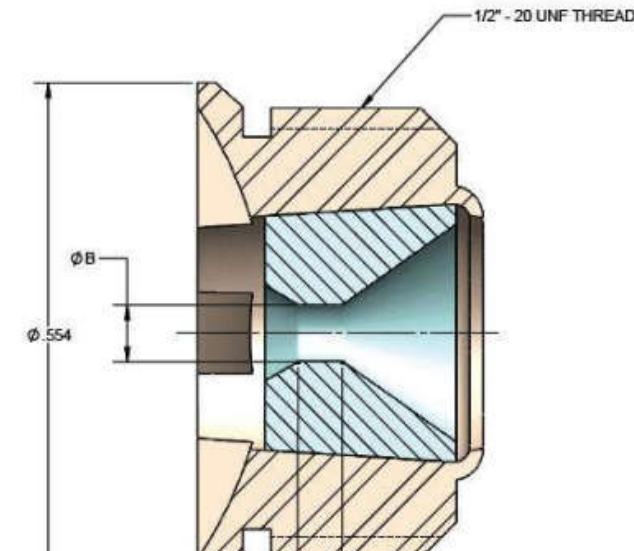
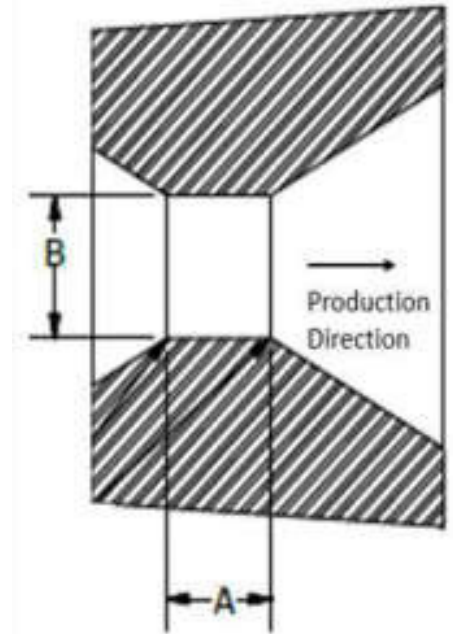
PrimeFlo Nozzles

Features

- ICD nozzles with throat sizes 1.2mm, 1.6mm, 2.5mm, 3.2mm & 4mm.
- Nozzle aspect ratio (nozzle throat length (A) / nozzle throat diameter (B)) less than or equal to 0.8.
- Nozzle material – Tungsten Carbide to resist erosion and corrosion over the well life of 20years.
- Complete viscosity independence for ICD module for viscosity ranges from 2-50CP.
- Discharge co-efficient of nozzle is almost constant value (+/-10%) up to 300 Reynold number (300-10000Re).
- Nozzle have diffuser for excellent pressure recovery.

Applications

- Production and injection wells requiring flow control
- Vertical, deviated and horizontal completions
- Sandstone and carbonate reservoirs (both homogeneous and heterogeneous)
- Cased hole and openhole completions



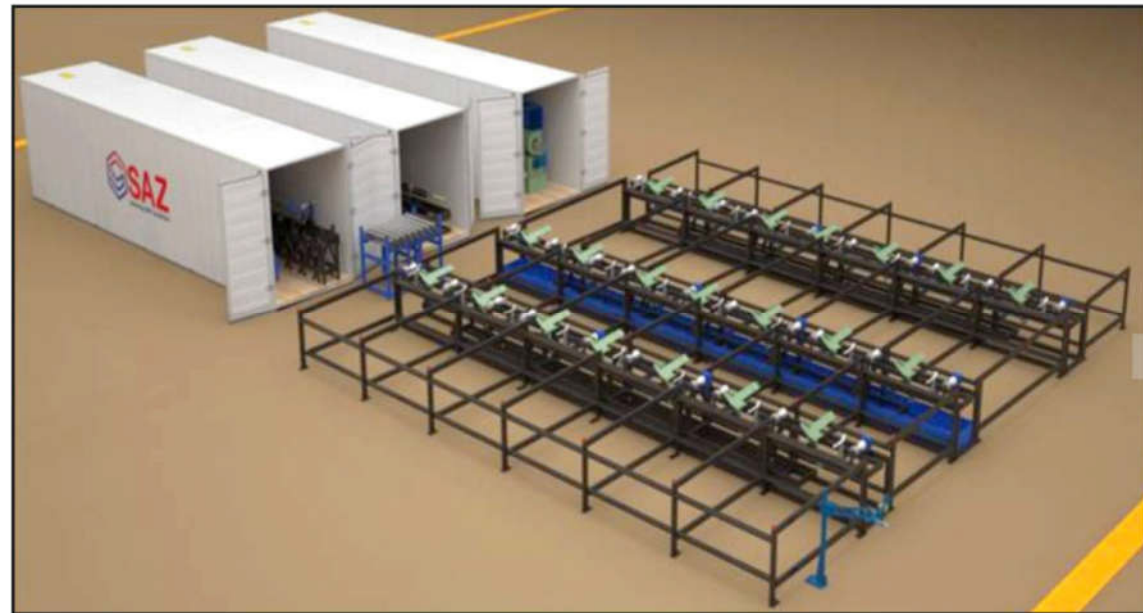
SAZ Screens

- Offer complete Sand Management Solutions – Design, Execute and Evaluate
- Key Products:
 - Premium Mesh Screen - Diffusion Bonded (Sintered) Laminates
 - Wire Wrap Screen – Slip-on & Direct Wrap
 - Pre-Pack Screen
 - Passive ICD and On/Off ICD
- Screen solutions for Heavy Oil, Conventional Oil, High Rate Gas
- InFlow Control Solutions for Carbonates and SandStones
- Liner Hanger and Accessories to deploy Stand Alone Screens in Cased and Open Hole
- Gravel Pack Tools

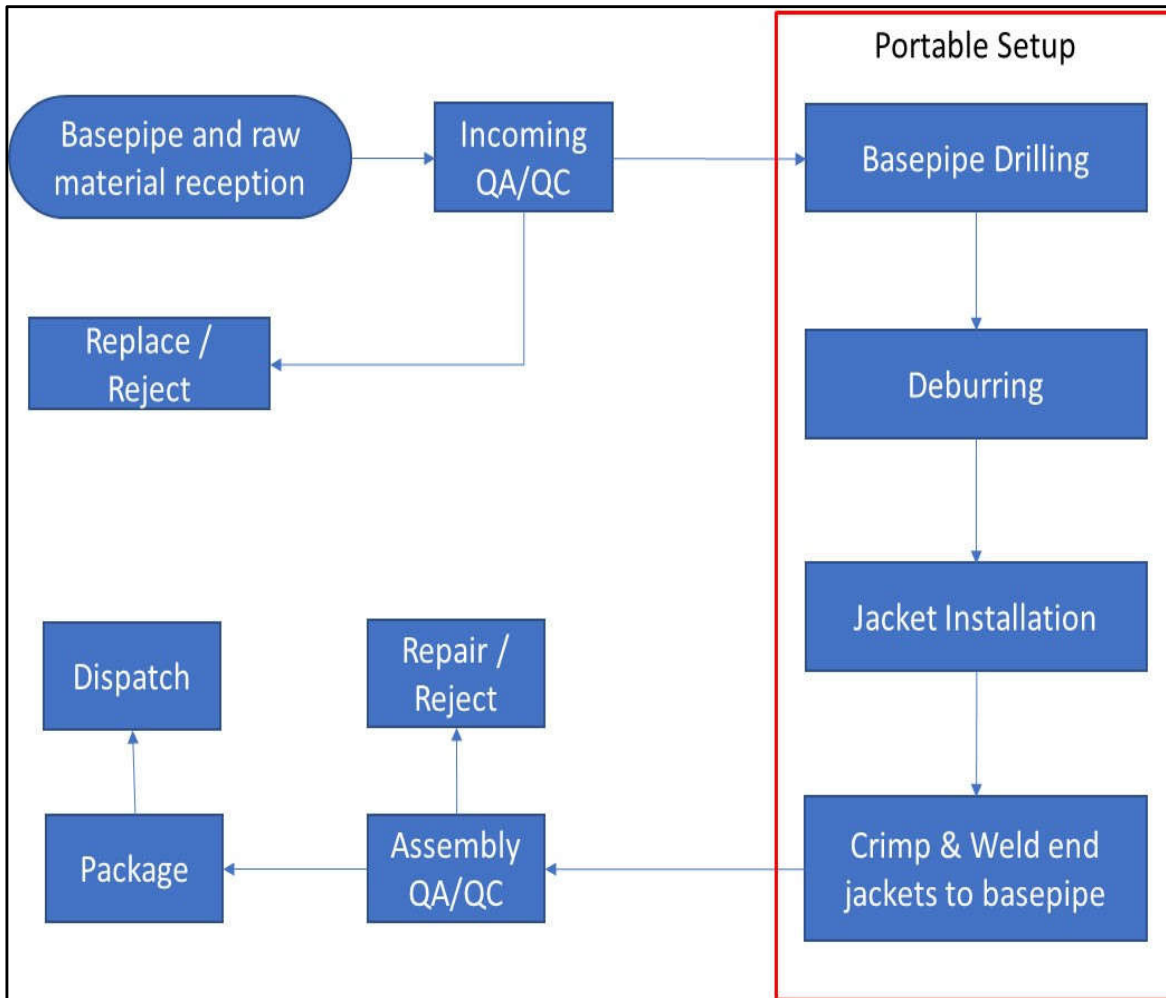
www.SazOil.com

Modular Screen Manufacturing Plant

- Provide enhanced local content
- Reduce cost by improving inventory management
- Assemble anywhere in the world without compromising quality. Certified under ISO and API standards
- Manufacture premium mesh and slip on wire wrap screens
- Can be adopted for other screen types
- Manufacture Inflow Control Devices



Mobile Plant Workflow / Patent Filed



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: CHARLES STREET, FOR PATENTS
P.O. Box 1500
Alexandria, Virginia 22313-1500
www.uspto.gov

APPLICATION NUMBER	FILING or FILING DATE	OR/PART UNIT	FIL. FEE REC'D	ATTY. DOCKET NO.	TOT. CLAIMS	END CLAIMS
62/742,157	10/05/2018		70	L1095.10047US01		

CONFIRMATION NO. 2859
FILING RECEIPT

97149
Maschoff Brennan
1389 Center Drive, Suite 300
Park City, UT 84098

Date Mailed: 10/15/2018

Receipt is acknowledged of this provisional patent application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)
Feroze HAIDARY, Sugar Land, TX;

Applicant(s)
SAZ OILFIELD SERVICES PTE LTD, Singapore, SINGAPORE;

Power of Attorney:
R Israelsen-42685

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/12/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 62/742,157

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

** MICRO ENTITY **

page 1 of 3

ONGC Agartala – 5 Well Plunger Lift Project

- ✓ Introduction of the technology to client – multiple visits / technology sessions with reservoir team.
- ✓ Supported client at all stages of project delivery - engineering, design, timely manufacturing and service delivery.
- ✓ Wells executed successfully.
- ✓ Delivering enhanced gas production on all 5 wells



Alphonse Lalnuntluanga · 2nd
Artificial Lift Executive at Oil and Natural Gas
Corporation Ltd
1yr · Edited · 🌐

It has been an amazing experience after successful installation & commission of 5 nos. of Plunger Lift System in liquid loaded gas wells, with conventional and bypass type plunger.

The well depth ranging between 7200 ft and 10500 ft.

Thanks to [SAZ Oilfield Services Pte. Ltd](#) and it's great team led by Mr. [Phanijyoti Sarma](#) sir, [Sowmyanarayanan N.M](#), [Abhishek yadav](#) and others who were involved.

[#gas](#) [#oilandgas](#) [#oilfieldservices](#) [#energy](#)
[#oilandgasindustry](#) [#experience](#) [#ongc](#)



Downhole Tools Portfolio

TOC

- Gas Lift Valves
- Gas Lift Mandrels
- WR GLV
- Dummy Valve
- WR Latches
- Side Pocket Mandrel
- Chemical Injection Valves
- Chemical Injection Mandrel
- Water Injection Valves
- Water Injection Mandrels
- Running Tools
- Pulling tools

**ARTIFICIAL LIFT
SYSTEM**

TOC

- Permanent Seal Bore Packers
- Hydraulic Set Seal Bore Packers
- Retrievable SB Packer
- Hydraulic Set Retrievable Packers
- Tension Packer
- Compression Packer
- Mechanical Set Packers
- Bridge Plugs & CR
- Hydraulic Setting Tools
- Completion Accessories

**COMPLETION
EQUIPMENT**

TOC

- Hyd Set Liner Hanger R/NR
- Mech Set Liner Hangers
- Dove Tail type Integral Packer
- Double cone with Integral Packers
- RPOB/DPOB
- Swab Cup Assy
- HRT-RT/ MR-RT
- Float Shoe Collar
- Reamer Shoe
- Centralizers
- Cross Coupling Protector

**LINER HANGER &
CEMENTING EQUIPMENT**

TOC

- Top No-Go Nipple
- Bottom No-Go Nipple
- Selective Nipples
- Non-Selective Nipples
- Lock Mandrels
- Standing Valves
- Equalizing Check Valves
- NE-Sliding Sleeve Shifting tools
- Pulling tools
- Running tools

**FLOW CONTROL
EQUIPMENT**

Gas Lift Equipment

- Conventional Gas Lift Mandrel
- Side Pocket Mandrel
- Chemical Injection Mandrel

- Wireline Retrievable Gas Lift Valves
- Orifice Valves, Dummy Valves
- Chemical Injection Valves

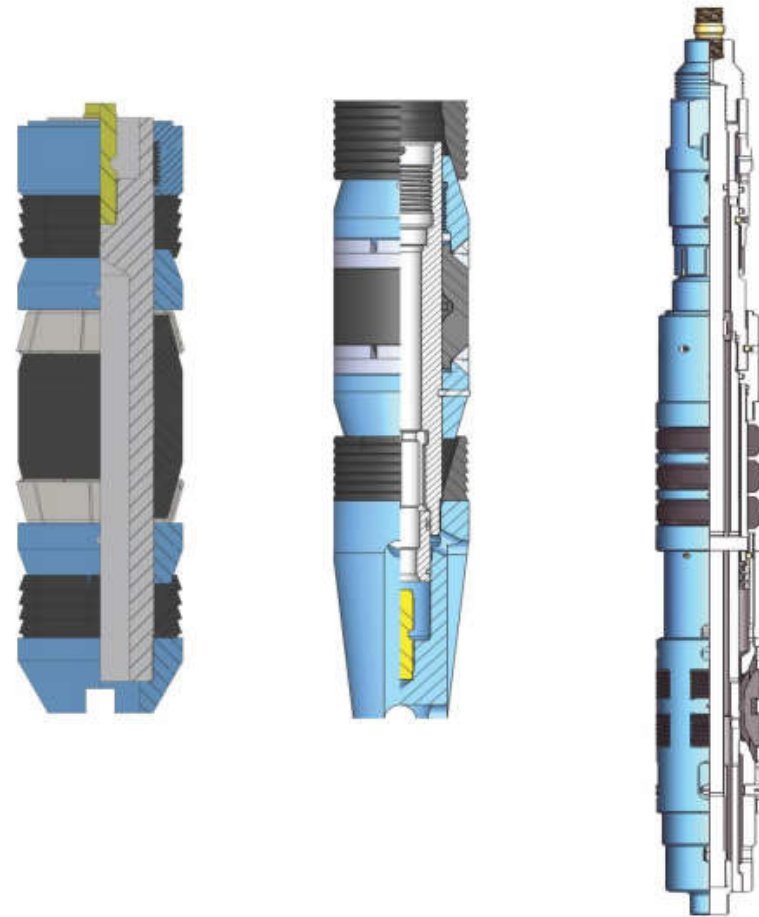
- Running, Pulling and Kick-over Tools



Bridge Plugs and Cement Retainers

- Wireline Set
- Mechanically Set
- Hydro-Mechanical Set
- Drillable Type
- Retrievable Type
- Snap Latch Stinger Sub
- Retrieving Head
- Milling Tools

Sizes from 4-1/2" to 13-3/8" Casing



API 11D1, ISO V-3
Upto 15,000-psi and 400 degF

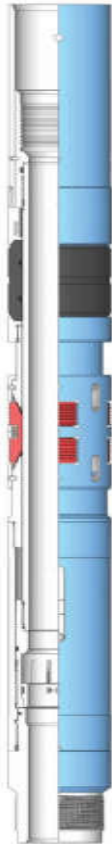
Permanent and Retrievable Packers

4-1/2" to 9-5/8" Casing; 12 different types of Packers; with Large Bore and Step Bore
Hydraulic and Mechanical Set; Permanent & Retrievable; ISO V-3 Validated

**SEAL BORE PACKER
PERMANENT**



**SEAL BORE PACKER
-RETRIEVABLE**



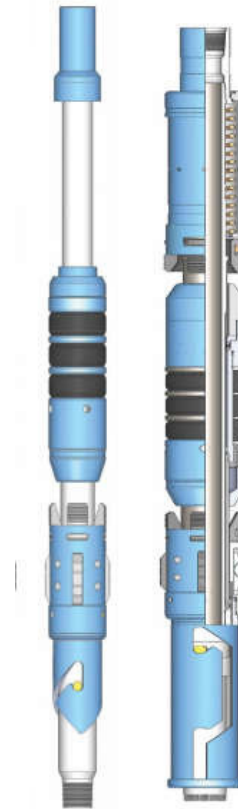
**STEP BORE PACKER
RETRIEVABLE**



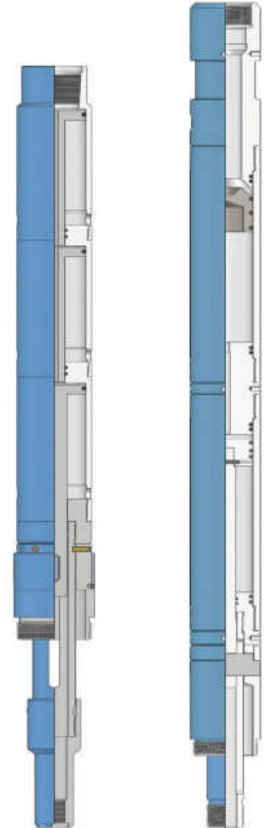
**HYDRAULIC SET
RETRIEVABLE**



**MECHANICAL SET
RETRIEVABLE**

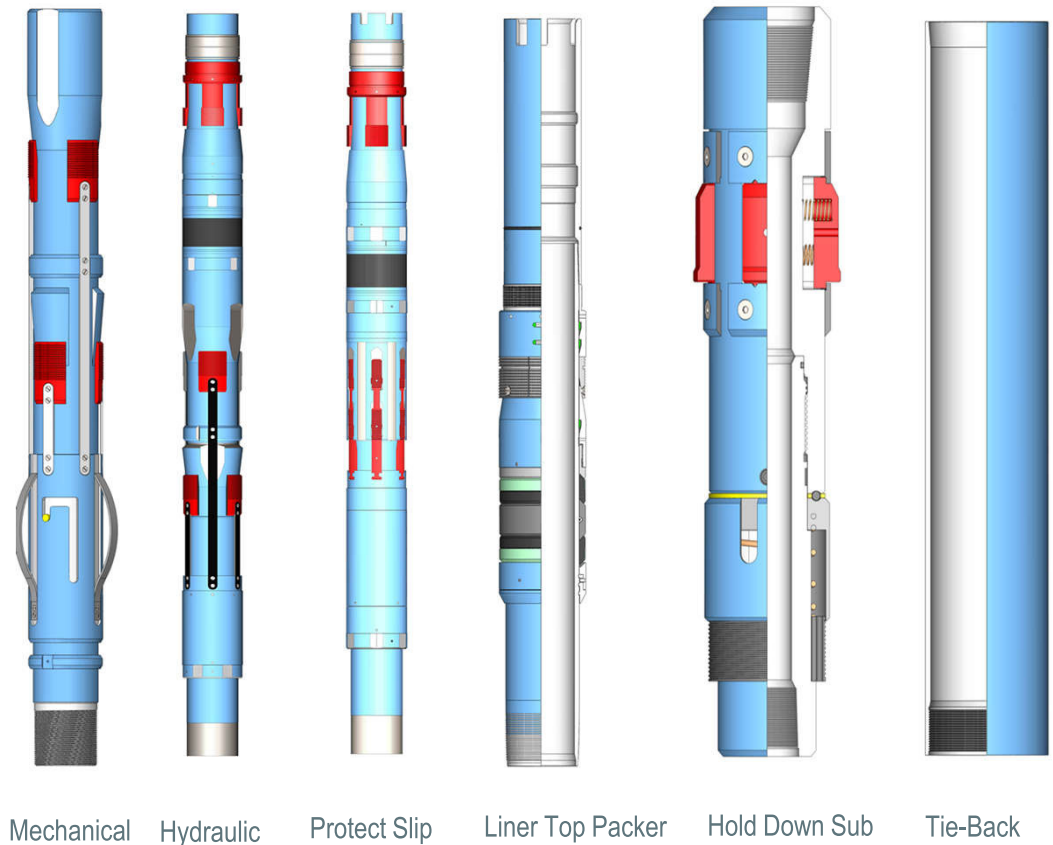


SETTING TOOLS



Liner Hanger Systems

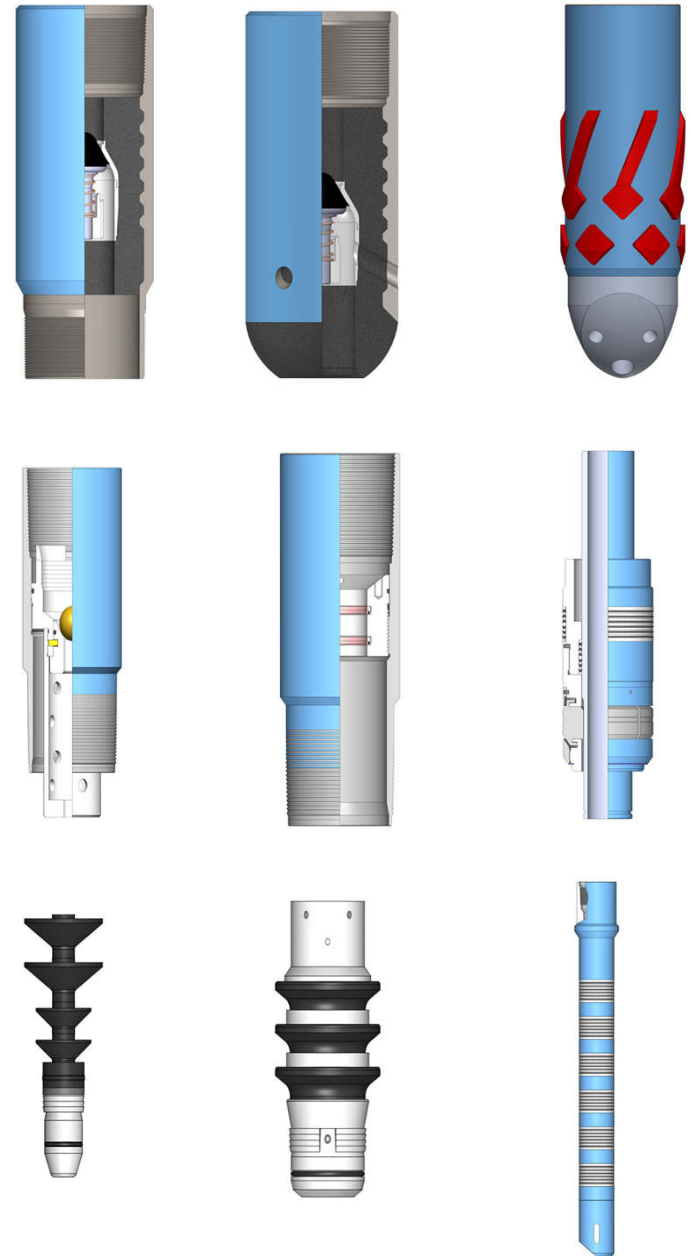
- Mechanical Liner Hangers
- Hydraulic Liner Hangers
- Pocket Slip Hydraulic Liner Hangers
- Rotating & Non-Rotating
- Liner Top Packers
- Tie-Back Receptacle & Seal Assy
- Hold Down Sub; Landing Collar
- Setting, Running and Release Tool



Sizes: 4-1/2" X 7" to 9-5/8" X 13-3/8"

Primary Cementing

- Float Shoes and Collar with Ball & Poppet Valves
- Reamer Shoe
- Landing Collar with Ball Seat & Catcher
- Pack-off Bushing Drillable & Retrievable
- Wiper Plugs
- Stinger
- Junk Screen



Casing Hardware



CASING HARDWARE - CENTRALIZERS

- HINGED NON WELD BOW CENTRALIZER
- HINGED WELDED BOW CENTRALIZER
- HINGED BOW SPIROGLIDER
- HINGED WELDED SPIROGLIDER
- HINGED POSITIVE RIGID CENTRALIZER
- HINGED WELDED POSITIVE RIGID CENTRALIZER
- RIGID CASTED CENTRALIZER
- SLIP ON SPIRALIZERS
- ROLLER CENTRALIZER
- SLIP-ON SLIP COLLAR
- HINGED BOLTED STOP COLLAR
- HINGED SPIRAL NAIL STOP COLLAR
- HINGED SET SCREW STOP COLLAR



CASING HARDWARE - PLUGS

- CONVENTIONAL TOP BOTTOM CEMENT PLUGS
- NON-ROTATIONAL TOP BOTTOM CEMENT PLUGS
- COMBINATION CEMENT PLUGS

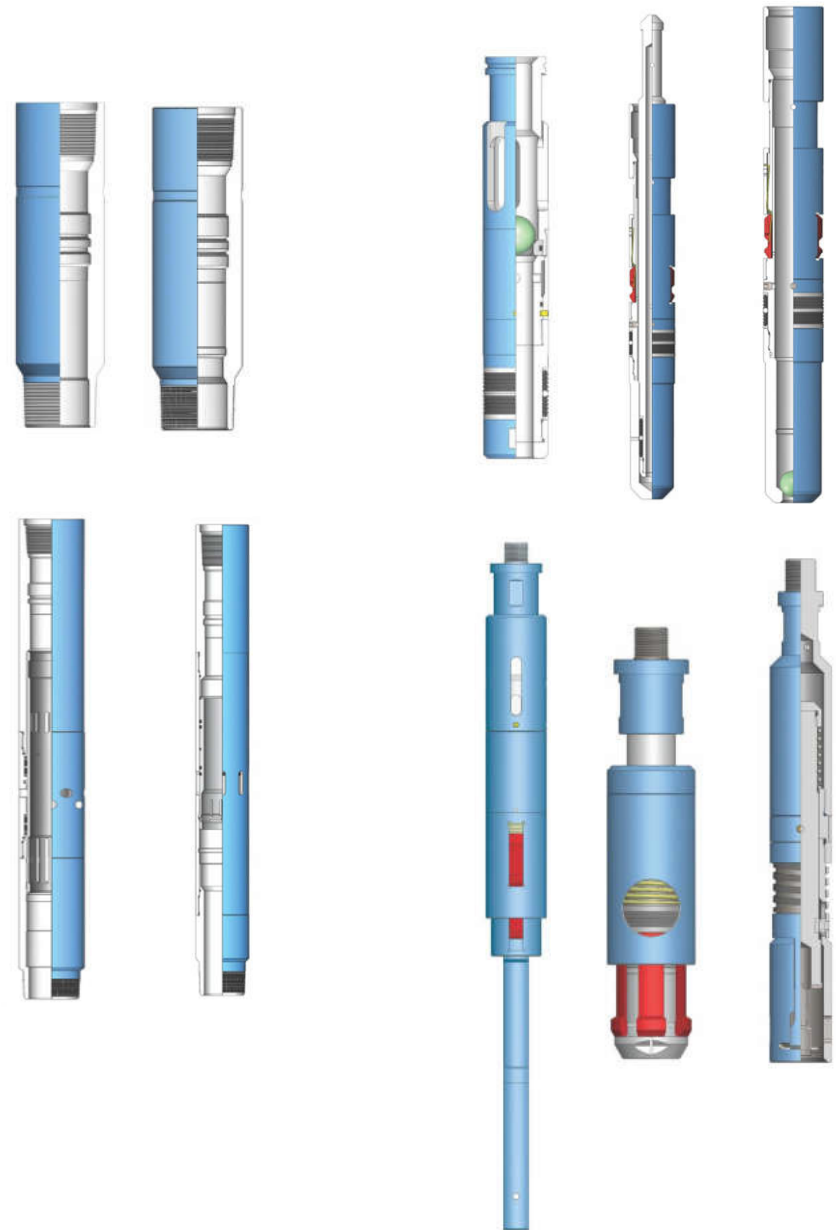


Flow Control Equipment

- Landing Nipples, Equalizing Valves
- Blanking Plugs, Standing Valves

- Sliding Sleeves
- Elastomeric and Non-Elastomeric

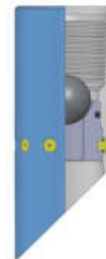
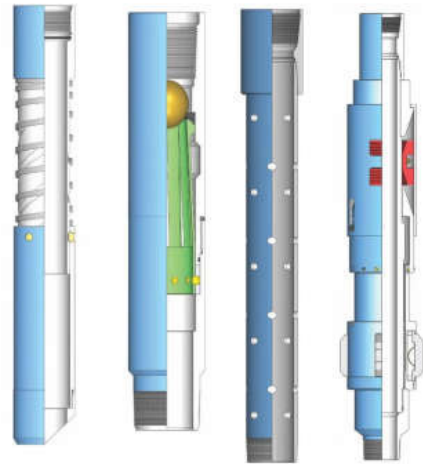
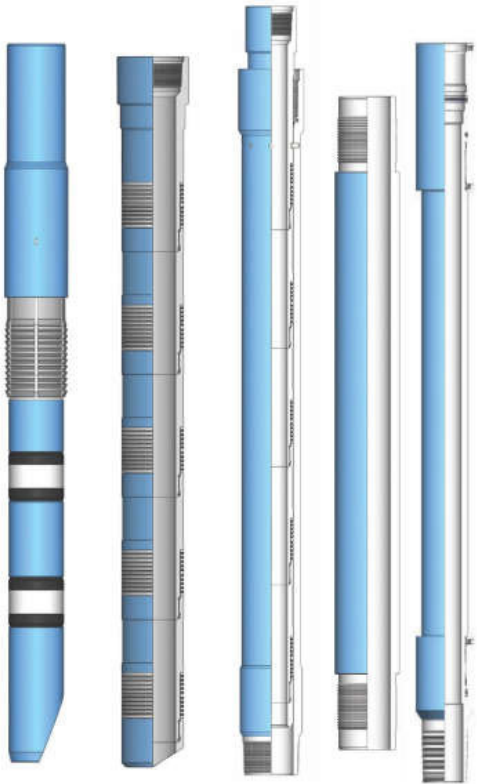
- Running, Pulling and Shifting Tools



Completion Accessories

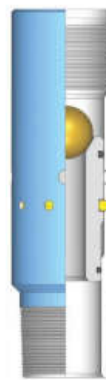
COMPLETION ACCESSORIES

1. Latch down tubing locator seal assembly
2. Locator seal assembly
3. Polished Bore Receptacle
4. Seal Bore Extension/ Mill Out Extension
5. Self Orienting Mule Shoe Guide
6. Hydrotrip Pressure Sub
7. Perforated Spacer Tube
8. Tubing Anchor Catcher



COMPLETION ACCESSORIES

1. Half mule – Pump Out Plug
2. Pump Out Plug
3. On-Off Tool
4. Shear Out Safety Joint
5. Rotational Safety Joint
6. Expansion Joint
7. Rotational Expansion joint



Benefits to Clients – Service company agnostic

OEM to Service Companies

- Manufacture as per client specs
- IP protection
- Cost Effective
- Supply Chain Mgmt
- On Time delivery
- Customized Manufacturing
- Engineering Support
- No factory overhead


Supplier to Service Companies


- Complete portfolio
- Allow client to focus on differentiated services
- Local Content
- Operational Support
- Engineering Support
- Inventory on hand in your locations or central distribution center, at no cost and at the right price



OIL PRODUCTS
WELL COMPLETIONS

 **ARGENTINA**

 +54 9 2994 729242

 Ruta 151 - Km 31
Barda del Medio
Río Negro, Argentina

 **gerenciacomercial@qroilproducts.com**