



Global Pressure Control Equipment Specialists

BLOW OUT PREVENTERS • SPOOLS
CHOKE MANIFOLDS • GATE VALVES
SAND KNOCKOUTS • HYDRAULIC CHOKES
FLANGES • DOUBLE STUDDED ADAPTERS

Sales • Repairs • Manufacturing

www.totaloilfield.net

Total's API 6A products are now available in PSL1-PSL4, all available in both PR1 & PR2. We are also now licensed to manufacture API 16C Drilling Chokes.



TOTAL OILFIELD EQUIPMENT & SUPPLY

Total Oilfield Equipment & Supply, LLC was formed in November 2008 to provide the drilling industry with key products in services, at reasonable prices. Answering the call of their customer's needs, Total Oilfield Equipment & Supply, LLC was formed to provide high levels of customer service utilizing experienced and knowledgeable personnel that understand that every inquiry is important and demands urgency.

Trust... providing quality product while keeping consistent in our superb customer service and fair pricing structure.

Feedback... replying to your emails or requests promptly and providing quotations within 24 hours or less.



Delivery... meeting promised delivery dates, which are usually much faster than our competitors.



FACILITIES & INVENTORY

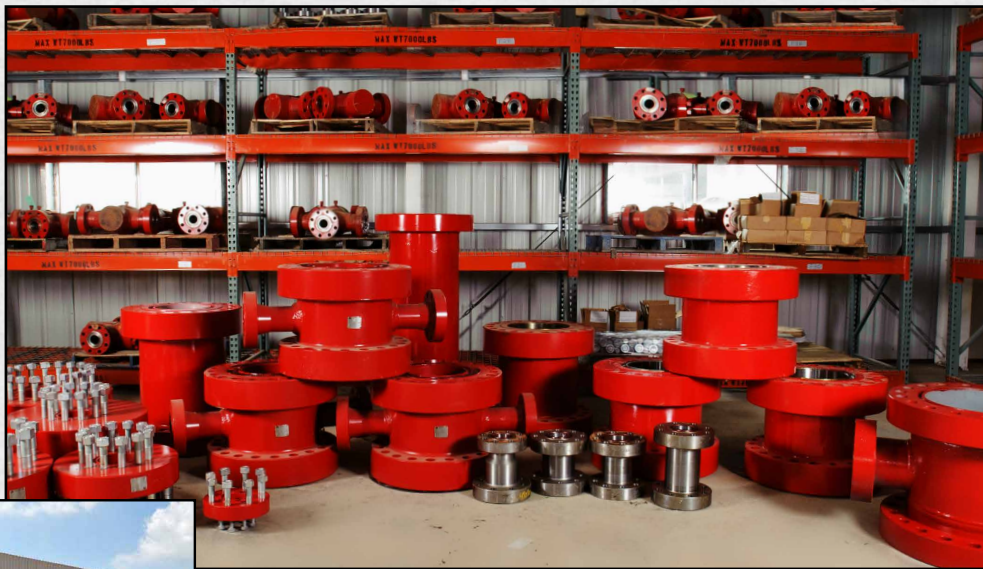
Facilities

Traditionally serving as a pressure-control equipment repair and distribution facility, Total Oilfield has evolved into a full-scale pressure-control equipment manufacturing company.

Total Oilfield has more than 50,000 square feet of facilities with fully-staffed, in-house machining, welding, testing, inspection and warehousing.

Inventory

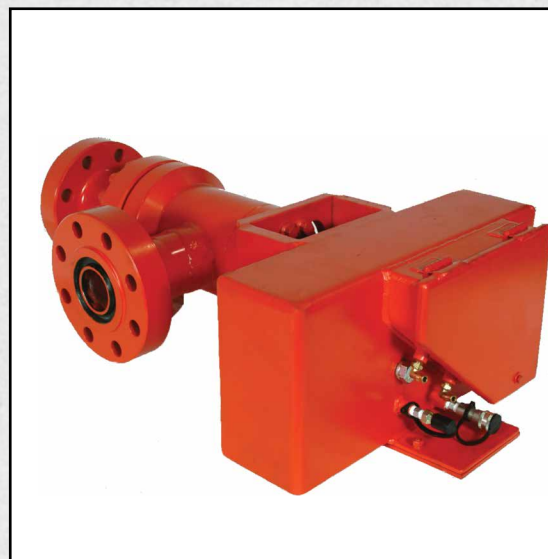
Total Oilfield stocks a large inventory of pressure control equipment to provide quick shipment.



CHOKES & GATE VALVES

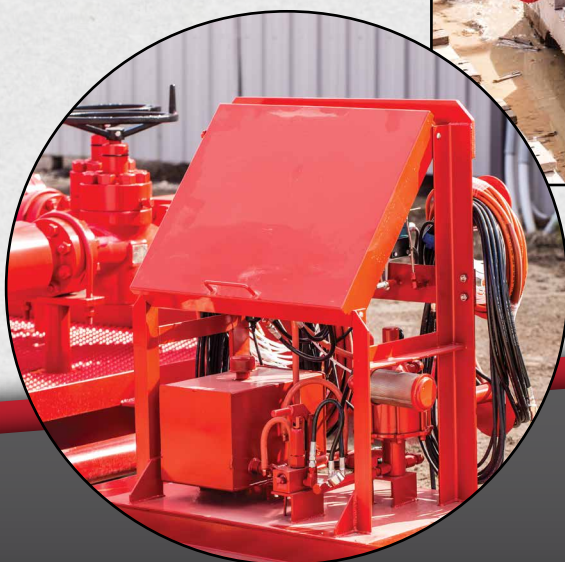
Chokes

Adjustable, positive, and hydraulic chokes are available in stock; all are suitable for H₂S environments. Total Oilfield chokes are available in common working pressures and sizes and feature long life and low maintenance. The TH2 choke is available in PR1 & PR2 as well as API 16C monogrammed.



Gate Valves

Total Oilfield stocks manual and hydraulic gate valves in common bore sizes and pressure ranges. A wide range of body and trim materials are also available to meet API 6A specifications and NACE MR0175 requirements to satisfy your sour service needs. The TFC gate valve is available in PR1 and PR2.



CHECK VALVES, TEES AND CROSSES, & MUD GAUGES

Check Valves

TR Check Valves, also in stock, feature flanged-end connections, EE trim and are designed for use in P-U temperature ranges. They feature easy parts replacement, readily available replacement parts and can be repaired without special tooling. The type TL check valve is available for PR2 requirements, elevated or sub-zero temperatures.



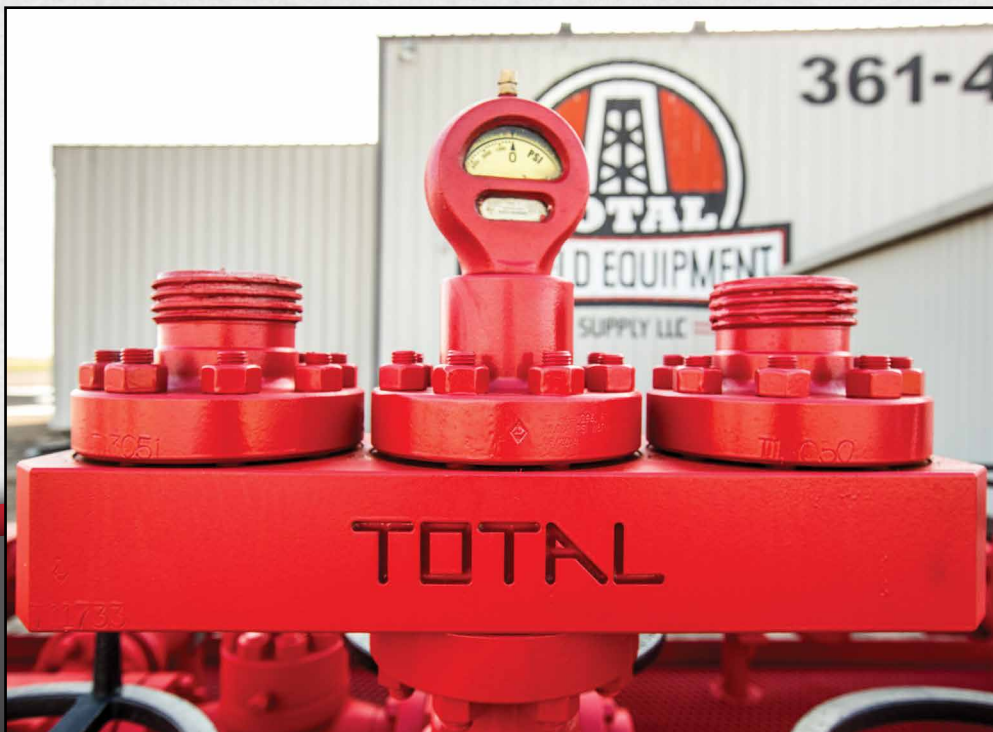
Tees and Crosses

Total Oilfield stocks a large inventory of API 6A tees and crosses in common bore sizes and pressure ratings. Common configurations include ells, tees, 4-way, 5-way and 6-way crosses. Custom sizes and configurations are also available.



Mud Gauges

Total Oilfield maintains one of the largest inventories of type TD and type TF flanged mud gauges and available with threaded, flanged, or union connections.



CHOKE AND KILL MANIFOLDS

Total Oilfield can manufacture a choke and kill manifold to meet your specific requirements, from simple low pressure to extreme sour gas service. The manifold can be designed with any number of fixed chokes, manually adjustable chokes and hydraulic chokes with a working pressure of 3,000, 5,000, 10,000 or 15,000psi. In addition, all components are manufactured in accordance with API 6A and the choke manifold assembly is constructed in accordance with API 16C specifications. Assemblies can be designed to meet API standard 53 and can be API 16C monogrammed.



SPOOLS, DOUBLE STUDDED ADAPTERS, & FLANGES

Spools

Total Oilfield manufactures Adapter Spools, Spacer Spools, Drilling Spools, Riser and Diverter Spools in accordance with API 16A specifications. All spools can be fabricated with hub or flanged connections. Spools are typically manufactured using API 75K 4130 Material that meets NACE MR0175 requirements for H2S Service.



Double Studded Adapters

Total Oilfield stocks a wide variety of Double Studded Adapters (DSA). Most sizes and pressure rating configurations are in stock for immediate shipment. All DSA meet API 16A specifications. Custom DSA and DSS can be manufactured to meet requirements.

Flanges

Total Oilfield inventory of loose connectors includes common sizes of blind, target, threaded, weld-neck and adapter flanges. Specialty flanges can also be fabricated to your requirements. All Totals flanges conform to API 6A specifications.



REPLACEMENT PARTS

Total Oilfield replacement parts inventory includes parts and accessories for a wide range of pressure control equipment. With our vast network of suppliers, the part you need is close at hand. Let us do the legwork for you.



Adjustable Choke Parts



Hydraulic Gate Valve Parts



Manual Gate Valve Parts



Check Valve Parts



Rams and Elastomers

BLOW OUT PREVENTERS

BOPs

In addition to full-service BOP repair and re-manufacturing capability, Total Oilfield sells newly manufactured annular and ram-style BOPs as well as repaired OEM BOPs.

In-house, Total Oilfield has a complete staff of technicians, machinists and welders with experience, expertise and machinery to re-manufacture virtually any blowout preventer to satisfy the criteria of API 16A.

BOP repair services include material re-manufacture such as welding, chrome plating, buffing, polishing, stress relief and hardness testing. Machining capabilities include vertical and horizontal boring, milling, drilling, threading and all other related processes.

Disassembly, inspection, re-assembly and testing are also conducted with the same fastidious attention to detail.

To avoid surprises, Total Oilfield provides estimates prior to initiation of work as well as progress updates to keep customers apprised of estimated completion dates.



Choke Trim Table

TRIM	BODY/BONNET	STEM/NEEDLE	STEM/NEEDLE COATING	SEAT	SEAT COATING
AA	4130 22HRc- Max.	4130 22HRc- Max.	NONE	4130	NONE
BB	4130 22HRc- Max.	17-4PH* 33HRc- Max.	NONE	17-4PH* 33HRc- Max.	NONE
CC	410 22HRc- Max.	17-4PH* 33HRc- Max.	NONE	17-4PH* 33HRc- Max.	NONE
DD-0.5	4130 22HRc- Max.	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE TIP	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE INSERT
DD-1.5	4130 22HRc- Max.	718** 35HRc- Max.	TUNGSTEN CARBIDE TIP	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE INSERT
DD-NL	4130 22HRc- Max.	718** 35HRc- Max.	TUNGSTEN CARBIDE TIP	718** 35HRc- Max.	TUNGSTEN CARBIDE INSERT
EE-0.5	4130 22HRc- Max.	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE TIP	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE INSERT
EE-1.5	4130 22HRc- Max.	718** 35HRc- Max.	TUNGSTEN CARBIDE TIP	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE INSERT
EE-NL	4130 22HRc- Max.	718** 35HRc- Max.	TUNGSTEN CARBIDE TIP	17-4PH* 33HRc- Max.	TUNGSTEN CARBIDE INSERT
FF-NL	410 22HRc- Max.	718** 35HRc- Max.	TUNGSTEN CARBIDE TIP	718** 35HRc- Max.	TUNGSTEN CARBIDE INSERT

• 17-4PH HH1150

•• Maximum Temperature 275° for 718 Inconel to be No-Limit

••• Nitrided 0.03 Max. Thickness

Valve Trim Chart

TRIM	BODY/BONNET	STEM	GATE	GATE COATING	SEAT	BODY BUSHING	PACKING GLAND	GATE GUIDE	BONNET GASKET
AA	4130 22HRc-Max.	4130 22HRc-Max.	4130 22HRc-Max.	ELECTROLESS NICKEL PLATING 90HRC MIN	4130	4130	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
BB	4130 22HRc-Max.	17-4PH* 33HRc-Max.	410 22HRc-Max.	ELECTROLESS NICKEL PLATING 90HRC MIN	17-4PH* 33HRc-Max.	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	
CC	410 22HRc-Max.	17-4PH* 33HRc-Max.	410 22HRc-Max.	ELECTROLESS NICKEL PLATING 90HRC MIN	17-4PH* 33HRc-Max.	17-4PH* 33HRc-Max.	410 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
DD-0.5	4130 22HRc-Max.	17-4PH* 33HRc-Max.	4130 22HRc-Max.	#5 COLMONOY OR TUNGSTEN CARBIDE Heat treatment required for Colmonoy	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
DD-1.5	4130 22HRc-Max.	718** 35HRc-Max.	4130 22HRc-Max.	#5 COLMONOY OR TUNGSTEN CARBIDE Heat treatment required for Colmonoy	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
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EE-0.5	4130 22HRc-Max.	17-4PH* 33HRc-Max.	410 22HRc-Max.	TUNGSTEN CARBIDE	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
EE-1.5	4130 22HRc-Max.	718** 35HRc-Max.	410 22HRc-Max.	TUNGSTEN CARBIDE	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
EE-NL	4130 22HRc-Max.	718** 35HRc-Max.	410 22HRc-Max.	TUNGSTEN CARBIDE	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	4130 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.
FF-NL	410 22HRc-Max.	718** 35HRc-Max.	410 22HRc-Max.	TUNGSTEN CARBIDE	STELLITE #6 36-45HRc	17-4PH* 33HRc-Max.	410 22HRc-Max.	304/316 160HBW-MAX.	304/316 160HBW-MAX.

• 17-4PH HH1150

•• Maximum Temperature 275° for 718 Inconel to be No-Limit



GLOBAL PRESSURE CONTROL EQUIPMENT SPECIALISTS

Core Values First...

Total Oilfield Equipment & Supply LLC is dedicated to following simple core values. Customers are our number one priority and the reason for our continued success. We understand that to prosper we must maintain focus on our customers and their needs. With quick, **less than 24 hour responses** to our customers inquiries and/or concerns, we go the extra mile to ensure our customers know their importance to us and are guaranteed satisfaction, regardless of what it takes.

Setting the Standard...

We are convinced that in order to outshine our competitors, we must be consistently reliable and dependable, no matter what the cost. We hold ourselves accountable to produce products that are the best on the market providing the same level of quality as major manufacturers but with the customer focus and responsiveness generally found in small businesses.

Quality Focus...

Total Oilfield Equipment & Supply, LLC is a licensed ISO 9001:2015, API Q1, API 6A, API 16A and API 16C manufacture and remanufacturing facility. Our facility is audited annually by the American Petroleum Institute (API) to verify continual adherence to our quality system and defined industry product specifications. **In regards to API 6A products, we are licensed to manufacture all product specification levels; PSL1, PSL2, PSL3, PSL3G and PSL4, with completed design validation testing for both PR1 and PR2. We are also now licensed to manufacture API 16C Drilling Chokes.** A full design package is available for all of our equipment. PR2 design validation testing is an endurance test performed by a third party company in which our equipment is subjected to an aggressive endurance test that includes pressure loads throughout the full range of thermal cycles, function cycles and load applications. Our products have passed this testing, without issue which permits our company to stand apart from the multitude of "off the boat" distributors. In addition, we are licensed by the American Petroleum Institute to apply the API monogram to API 6A, 16A and 16C products.

Our Products...

We have concentrated our efforts in developing **high quality pressure control equipment** used by drilling contractors and rental companies, world-wide. Our products include new manufactured and remanufactured:

API 6A	API 16A	API 16C
<ul style="list-style-type: none"> • Gate valves (manually and hydraulically operated) • Chokes (manually and hydraulically operated) • Check valves • Flanges of all types • Tees/crosses • Spacer & adapter spools • Double studded spacers & adapters 	<ul style="list-style-type: none"> • Ram type blow out preventers • Annular blow out preventers • Ram blocks • Drilling spools • Spacer spools • Adapter spools • Double studded adapters 	<ul style="list-style-type: none"> • Choke and kill manifold assemblies • Flow back manifolds assemblies • Production manifold assemblies • Choke & kill buffer chambers • Drilling choke controls • Drilling chokes • Rigid choke & kill lines

With a large 53,000 sq. ft. facility located in South Texas, we provide repairs, manufacturing, and remanufacturing services to the above listed equipment with in house nondestructive examination, mechanic, machining and welding services, as well as factory accepted testing capabilities. We are also happy to assist our customers in locating quality suppliers of product outside our own scope.

Get to Know Us...

We would like to get to know you and show you our **commitment to customer satisfaction**. Let us assist you in your next project requiring pressure control product. Whether you need to purchase, rent or require repair services, our friendly sales team and in-house technical experts can help you negotiate through the abundant industry regulations to make sure you are ready for your next challenge.





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