

API 6A MONOGRAM CONNECTIONS TO PLS1, 2 & 3. LICENCE 6A-1792

Oilquip offer a large range of API 6A monogrammed connectors in Forged high yield and tensile materials such as 4130, F22, Duplex and Super duplex Stainless steels.

Connectors typically suit 2" to 6" nominal bore with pressure rating of 2,000 to 20,000 PSI utilised in Choke and kill and wellhead Christmas tree systems as follows:

API 6A Flanges

Blind, Target and weld-neck flanges produced from die forge to ensure they have a correct grain flow that are never produced from bar.



Studded Blocks

Studded and Flanged block tees, crosses and elbows as per API-6A are available in either equal or with reducing configuration.



Cross Over

API 6A Flange by Flange, Hub or Hammer Union Cross overs.



Adaptors Flanges

Single and Double studed Adaptor flanges.



Flanged Spacer Spools.

API 6A Flange by Flange spools fabricated in house with coded weld procedures and welders.



API.Q1 are fully maintained for the above products.

HUB & CLAMP CONNECTORS

The Oilquip Hub and clamp connector is a mechanical joint consisting of four basic elements:- hubs, seal ring, clamps and bolting.



HAMMER LUG UNION

A full range of Hammer lug unions (Male Sub and Nut, Female Sub and seal) are available upon request from threaded Fig 200 unions through to Butt Weld Fig 2202 unions suitable for Standard or Sour Service.

Figure 1002 & 1502 Hammer Lug Unions

Oilquip stock 2" to 6" NB line pipe, 4130 Fig 1002 (10,000 psi* (690bar) cold working pressure, standard service) for Mud lines and Fig 1502 (15,000 psi* (1034bar) cold working pressure standard, service) recommended Service for the wellhead, Cementing, testing and choke-and-kill lines systems. *de-rated to 7.500psi and 10,000psi for sour service



MANIFOLD WROUGHT FITTINGS

Manifold Fittings are available in either Full Flow or with reducing configurations in all pipe wall schedules to suit various pressure ratings with butt weld ends or integral end fitting configurations. Forged high yield and tensile materials such as 4130, F52, F22, Duplex and Super duplex Stainless steels with typically stock sizes to suit 2" to 6" NB line pipe.



Long Sweep Elbows & Fittings

Both 45° and 90° Long sweep elbows are produced from hollow or tubular bars and hot formed.

Full Flow High Pressure Long sweep tees and crosses are produced in closed die forges to ensure they have a correct grain flow and uniform shape.



ANSI B16.9 Long Radius Elbows & Fittings

Oilquip elbows have been mandrel formed and not welded to ensure that the end user obtains maximum results from the equipment, tees, concentric reducers etc. are all produced from forge.



ANSI B16.9 Block Fittings

Oilquip produce butt weld end block tees, crosses, cushion elbows, tees and crosses produced from forge blocks.

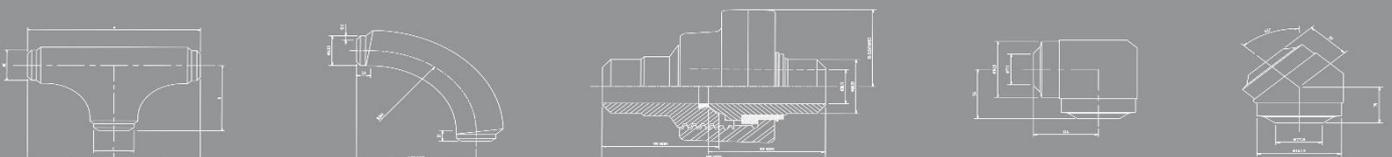


HIGH PRESSURE SEAMLESS PIPE

To complement our range of products Oilquip stock A519 Gr 4130 high pressure seamless pipe in sizes ranging from 2" to 6" nominal bore. We can supply cut lengths, 5-7m long random lengths with butt-weld ends and even bore pipe from forged bar to satisfy your urgent demand. Pipe is varnished to avoid oxidation of the steel when in storage. All pipes are fully certified and traceable with heat numbers. As will all Oilquip Products certification include standards that meet the requirements of NACE MR-01-75 and DIN 50049 3.1.



NOMINAL SIZE MM/INCH	OD MM		SCH 40/STD	SCH 80/XS	SCH 120	SCH 160	SCH XXS
50	2	60.3	WT 3.91 KG/M 5.44	5.54 7.48	-	8.74 11.11	11.07 13.44
65	2.5	73	WT 5.16 KG/M 8.63	7.01 11.41	-	9.53 14.92	14.02 20.39
80	3	88.9	WT 5.49 KG/M 11.29	7.62 15.27	-	11.13 21.35	15.24 27.68
90	3.5	101.6	WT 5.74 KG/M 13.57	8.08 18.64	-	-	-
100	4	114.3	WT 6.02 KG/M 16.08	8.56 22.32	11.13 28.32	13.49 33.54	17.12 41.03
125	5	141.3	WT 6.55 KG/M 21.77	9.53 30.97	12.70 40.28	15.88 49.12	19.05 57.43
150	6	168.3	WT 7.11 KG/M 28.26	10.97 42.56	14.27 54.21	18.26 67.57	21.95 79.22



API 6A VALVES

Valves are available in a variety of sizes from 2"-6" and can also be supplied with flange, hub, hammer unions, threaded or butt-weld ends. Full material tractability is guaranteed and Sour service valves conform to the requirements of NACE MR-01-75.

Gate Valves

5,000 to 15,000 psi the through conduit gate valve is robust, easy to maintain and conforms to International design requirements and to all aspects stated in the API 6A Standard PSL 1, 2 or 3. The body and bonnet of the valves are manufactured from forged steel to increase structural strength.



Mud Valves

Oilquip offer 5,000 psi and 7,500 psi drilling mud valves. The body and bonnet of the valves are manufactured from forged steel but can be of cast iron for 5,000 psi. Pressure tested to either API 6A or API 6D requirements.



Choke Valves

API 6A Choke Valves are available in manual or remote operation.



Plug Valves

API 6A Plug Valves are available in either lever, gearbox or remote operation.

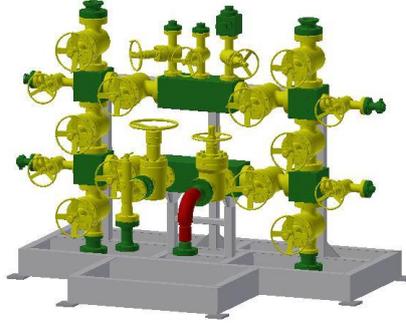


HIGH PRESSURE RENTING

Gate Valves, Flanges and Hammer Lug Unions are available for rent in a variety of sizes from 2"-6" at 10,000 and 15,000 PSI. Full material tractability is guaranteed and available in Standard and Sour service.

TURNKEY MANIFOLD

Oilquip design, manufacture, inspect and test 5000 PSI, 10000 PSI & 15000 PSI Choke & Kill Manifolds, Christmas Tree Manifolds, High Pressure Cement Manifolds, High Pressure mud Manifolds and High Pressure Standpipes.



LASER PROFILING

Oilquip also have the newest development of laser cutting with our Fiber laser profiler. The Bystronic 6kw Fiber 3000 with power cut upgrade ensures we can profile maximum thickness. Our fiber cutting system is primarily suited for processing thin to medium-thick sheet metal. It also cuts non-ferrous metals (copper and brass). Our cutting capacity is as follows:

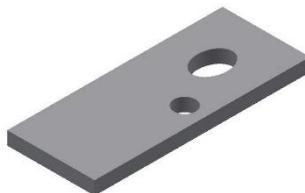
Steel cutting sheet
3000 x 1500x 25mm thick

Stainless Steel cutting sheet
3000 x 1500x 30mm thick

Aluminium cutting sheet
3000 x 1500x 30mm thick

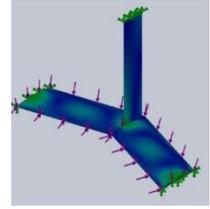
Copper cutting sheet
3000 x 1500x 15mm thick

Brass cutting sheet
3000 x 1500x 12mm thick



OILQUIP HYDROFOIL

Oilquip have developed a Hydrofoil suitable for offshore Catamaran work boats.



Advantages

- Less Power Required - Improved Consumption - Longer Range
- Stable, Smooth and Dry Operation in Rough Water Conditions
- Improved Load - Carrying Capacity Requiring Less Power
- Superior Turning Capabilities / Prevents Broaching / Increased Safety
- Outstanding Sea Keeping – Damping Effect Reduces Fatigue
- Environmentally Friendly: Smaller Wake, Lower Emissions
- High Speed Performance
- Negligible Maintenance Costs
- Long Life – No moving parts, service life at least as long as vessel life.

The following are principles of the Hydrofoil

- Main Hydrofoil spans between The Catamarans Hulls near the Centre of Gravity
- Trim Foils Located Near Transom for Automatic Fixed Dynamic Trim Stabilization
- Creates Lift Due To High and Low Pressures
- Functions Like an Aircraft Wing
- Design Optimization Caters for A Variety of Applications

With correct design and installation the hydrofoil system can result in an increase in maximum vessel speeds of up to 33% and associated fuel cost savings of around 33% (at cruising speeds)

Feel free to contact Oilquip Ltd for any experienced advice you may require.

Manufacturers and Stockists of High Pressure Pipeline and Drilling Equipment

