GULF ENGINEERING SERVICES LTD.

A one-stop shop for all your machine shop work and oil field needs

EST SINCE 1977

About Us

Gulf Engineering Services Ltd. was founded in 1977 as a Machine Shop for the local oil field and energy sector. Over the years, Gulf Engineering Services Ltd. has evolved into a one-stop shop, providing a wide range of products and services to the oil, gas and associated industries of Trinidad and Tobago, and neighbouring countries. The company operates as a family enterprise and is registered under the laws of the Republic of Trinidad and Tobago.

VISION

Gulf Engineering Services Ltd. strives to be the leading Trinidad-based supplier of a comprehensive range of products and services to support the local and international energy sector.

Our goal is to be recognized for our commitment to our clients, our quality of products, our value within the industry and our company culture.

MISSION

Gulf Engineering Services Ltd. is committed to providing quality products and services to our customers by adhering to rigorous industry standards and through innovative practices which allow us to advance our business and effectively meet the demands of the ever-changing energy sector.

VALUES

- HEALTH AND SAFETY:
  Maintaining the highest levels of safety within our workplace, ensuring that our employees, clients, contractors and the environment are always protected.
- INTEGRITY:
  Adhering to ethical business practices, which include honesty, transparency and professionalism.
- CUSTOMER FOCUSED:
  Forecasting and fulfilling the needs of customers quickly and dynamically.
- CONTINUOUS IMPROVEMENT:
  Evolving the business through feedback processes and constant training of management and employees to drive development

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History

1970

Gulf Engineering Services Limited was founded in 1977
500 square feet of Office space
3000 square feet of Shop/Manufacturing space
One Manual Lathe
One Drill Press

1980

API Certification (1986)
API Monogram 5CT
API Monogram 7-1
API Monogram 6A
Hunting Energy Licensee

1990

First CNC Lathe
JFE Steel Licensee
Grant Prideco Licensee
ISO Certification (9001:2008)

2000

Tenaris Blue Licensee
Full Rotation Torque Turn Machine Installed
Buck-on Facility
Hydrostatic Testing Facility

2010

Tenaris Hydril Licensee
8 CNC Lathes
2 CNC Mills
5 Manual Lathes
API Q1 Certification

Manufacturing

Gulf Engineering Services Ltd. provides a unique service offering many manufacturing capabilities for OTCG Products as well as Drilling, Well Completion and Intervention Accessories. At our licensed machine facility we can provide threaded accessories and connection threading for components from 1 inch to 21 inches OD. The line of companion services we offer for these products such as Swaging, Pressure Testing, Full-torque turn and buck-on services also compliment our products as a one-stop shop capability.

7-1-0125

5CT-0247

API SPEC Q1 REGISTERED
Q1-2642

ANAB ACCREDITED
MANAGEMENT SYSTEMS CERTIFICATION BODY
ISO 9001:2008
APIQR-2764

NOV Grant Prideco

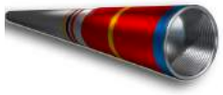
Tenaris

HUNTING

JFE

Products

Gulf Engineering Services Ltd. provides products to both the upstream and downstream oil and gas industry. Strategically located in the western hemisphere our sales, service, manufacturing and threading facility can meet the demands of any customer requirement with a full range of applications below and above surface.



Octg Product - Tubing/Casing/Complimentary Threading Accessories

Gulf Engineering Services Ltd. has been authorized by many established Premium Thread Licenses for specialty connections on tubulars. With over 20 years of experience we have met the demands for any size ranging from 1”-20”. Through the supply of OCTG equipment such as tubulars, threading accessories and connection threading, gulf can provide cost and time effective solutions for any OCTG requirement or well program.

Completion Accessories - Pup Joints/Bull Plug/ Test Plug/ Crossover/ Coupling/ Threading

Gulf Engineering Services Ltd’s range of manufacturing capabilities for accessories ranging from 1”-20” OD together with its many premium licenses, and API 5CT, API 7-1 are capable of handling any customer requirements and challenges. These items are critical to every stage of the exploration and production process.

Tubular Drill Stem Accessories - Pup Joints/Lift Subs/Bit Subs/ Stabilizers Threading

Gulf Engineering Services Ltd’s range of manufacturing capabilities for accessories ranging from 1”-20” OD together with its many premium licenses, and API 5CT, API 7-1 are capable to handle any customer requirements and challenges. These items are critical to every stage of the exploration and production process.

Flanges - Test Flange/ Companion Flange/ Spools/ Remanufacture

Gulf Engineering Services Ltd. sells, repairs, and services oilfield production products such as Casing Heads, Casing Spools, Tubing Spools, Crosses, Tees and Valves. We follow engineering procedures from the OEM manufacturer to repair and service these items based on the OEM engineering and design drawing.

Remanufacture - Turning/ Milling/ Boring/ Honing/ Grinding/ Repairs

Gulf Engineering Services Ltd’s Threading and Repair Facility can provide customers with the most economical solution for oil field tools and equipment that need to be repaired. Our wide range of premium connections can help repair OEM equipment on completion, or drill stem tools that need high torquing capability, sealing capability and/or thread form features.

Specialty Supply - Tubular Pipe Compound/ Rig Spears/ Valves/ Pipe Racking Systems

At Gulf Engineering Service Ltd. we provide a wide range of specialty products to meet the needs of the oil and gas industry in the Caribbean. Our reputation is built on quality service and quick lead times. We represent numerous brands, which are widely used around the world for their outstanding performance and reputation.

Some of our Specialty Items:

- Couplings and Unions
- Float Valves
- Flanges
- Pipe Dope
- Ring Gaskets
- Mud Pump Parts
- Pipe Coatings
- Dies for Rotary equipment
- Lifting heads
- Clamps

Rentals

DRILL PIPE AND LANDING STRINGS

Drill Pipe, being the top component of any drill string, is used to facilitate the drilling of a well-bore. Its function is to transmit torque and power from the top drive or rotary table to the bit. Gulf Engineering Services Ltd. provides its oil and gas customers with high quality drill pipe for a wide variety of well profiles or bores.

DRILL COLLARS

Gulf Engineering Services Ltd's Drill Collars are integral heavy-wall joints that are manufactured from a solid bar of modified alloy steel. The solid bars are quenched and tempered to obtain the required mechanical properties, then trepanned, drifted and threaded. Drill collars are furnished as slick or spiralled in 30 or 31 foot lengths. Slick drill collars are supplied with the mill as-rolled surface finish. Spiralled drill collars have grooves machined in the outside surface. The spiral grooves promote even flow of drilling fluid around the collar diameter, equalizing pressure and reducing the occurrence of differential sticking.

HEAVY WEIGHT DRILL PIPE

Gulf Engineering Services Ltd. offers three different types of Heavyweight Drill Pipe. They are designed to provide a gradual transition between drill pipe and drill collars. This helps to reduce the number of fatigue failures seen directly above the BHA. A secondary use of HWDP is to add additional weight to the drill bit. HWDP is most often used as weight on bit in deviated wells. HWDP can be also used for running and landing casing.

- Standard HWDP is suited for most applications including vertical, extended reach and horizontal wells.
- Tri-Spiral™ HWDP is suited for applications requiring additional hole-cleaning and buckling resistance.
- Spiral-Wate™ HWDP reduces differential sticking, minimizes wear and improves circulation in especially tough drilling environments.

TUBULARS

Gulf Engineering Services Ltd. rental tubulars serve the oilfield industry as test strings and wash pipe. These completion or testing pipes are used with BHA's to be compatible with the wellbore geometry, reservoir and reservoir fluid characteristics.

WELL CONTROL VALVES

Gulf Engineering Services Ltd. provides safety valves, which play an integral part for well control in the oil and gas industry. These valves are used to restrict or divert the flow depending on the valve type and well condition.

- IBOP – This valve is a non-return valve (check valve) allowing pumping through the valve into the drill string but it prevents upward flow and the more widely used type is "dart-type". The dart is used to hold the tool open therefore it is possible to stab the valve while the fluid is flowing through the drill pipe.
- FOSV (Kelly Valve) – This is a ball valve designed for high-pressure condition, which can hold pressure from both directions. It is called "Full Opening Safety Valve" because when the ball valve is opened; the flow path through the valve has a smooth inside diameter.

HANDLING TOOLS - Gulf Engineering Services Ltd. understands the importance of having handling tools to compliment the drill strings and tubulars available for rental.
Handling Tools play a major part in any modern drilling operation. They are used for suspending, moving and rotating tubulars in and around the well centre and on the drill floor.

1. Elevators
2. Slips
3. Bowls/Bushings
4. Tongs
5. Stabbing Guides
6. Clamps
7. Elevator Links/Bails
8. Safe Transport Baskets

DRILLING, COMPLETION & WORK-OVER ACCESSORIES - Gulf Engineering Services Ltd. understands the importance of having drilling accessories to compliment the drill string and tubulars available for rental.

These accessories play a major part in any modern drilling operation. These accessories are used both in drilling, completion and work-over operations.

1. Wash Tools
2. Casing Crossovers and Swages
3. Tubing Crossover and Swages
4. Mills
5. Stabilizers
6. Drilling Pup Joints
7. Casing and Tubing Pup Joints
8. Subs
9. Test Caps
10. Lift Caps
11. Drifts
12. Fishing Tools

Services

BUCK ON FOR ROTARY SHOULDER CONNECTIONS + FULL ROTATION TORQUE

Gulf Engineering Services Ltd. specializes in the Make-Up and Break-Out of oilfield equipment in the region.

We provide tailored onshore make-up of bottom hole assemblies to suit individual rig capabilities and customer requirements. Sizes of make-ups range from 2-7/8" – 24" OD and can make up to 200,000 ft-lbs.

Throughout the makeup of the bottom hole assembly our staff will follow accurate make-up torque guidelines and will supply accredited torque certification. This process is computer aided in order to prevent damage to the equipment and ensure proper torque strength is met.

HYDROSTATIC TESTING

Gulf Engineering Services Ltd's provision for testing bottom hole assemblies and tools by pressure ensures that the integrity of the system is "fit for purpose" and to obtain necessary certification. The operation is performed using fluids (liquid or gas) and all metering instrumentation is supplied with relevant traceable certification of calibration and documentation packages. During testing the pressure will be visible on gauges, and logged on data.

PIPE SWAGING

Gulf Engineering Services Ltd. also provides pipe swaging services. Swaging is described as the process of shaping a metal pipe to reduce or increase its diameter. In the oil and gas industry this is an extremely applicable process in order to ensure single part units.

Gulf Engineering Services Ltd. possesses excellent swaging equipment to ensure that precise diameters for custom designs are attainable. We are equipped to handle the design and manufacture of parts requiring swaging, and have proudly done so for several clients.

STRESS RELIEVING

Gulf Engineering Services Ltd. provides quality products by introducing this service when cold working or welding products of the highest standard. By definition, stress relieving is a thermal process that alleviates the residual stresses introduced to material by forging, cold working and welding, as well as, other steps in the manufacturing sequence. It is accomplished by heating the material uniformly to a pre-determined temperature below the lower critical temperature, holding at that temperature, and cooling slowly to ambient temperatures.

Parts may be stress relieved during manufacturing to promote dimensional stability or soften the material for machining. Stress relieving can be employed to equalize hardness and improve ductility in new welds. Stress relieving also plays a very critical role in the prevention of Stress Corrosion Cracking (SCC).

ZINC + MANGANESE PHOSPHATING

Gulf Engineering Services Ltd's corrosion process such as Zinc + Manganese Phoshating has been providing customers with excellent finishes to products in the oil and gas industry. Our large capacity tanks can handle any size job for the oil and gas industry, from large drill pipes and casing to the smallest nuts and bolts.

CALIBRATION SERVICES FOR MEASURING + INSPECTION INSTRUMENTS

Gulf Engineering Services Ltd. specializes in Hard Gage Calibration, Measurement Equipment Calibration, Profile and Overlay Verification. All our services are traceable to the National Institute of Standards and Technology (N.I.S.T)

QA / QC CERTIFICATION

Gulf Engineering Services Ltd. specializes in Dimensional Verification and Inspection services of Proprietary Connections to give customers the assurance that their product is of the highest quality and standard.

NON-DESTRUCTIVE TESTING

Gulf Engineering Services Ltd. offers a range of Non-Destructive Testing services that conform to the highest standard with the experience of Certified Inspectors holding a combined total of more than eighty (80) years in the field. These services include but are not limited to:

1. Magnetic Particle Inspection
2. Dye / Liquid Penetrant Inspection
3. Bottom Hole Assembly Inspection
4. Drill Pipe Inspection API/DS-1/NS-2
5. Ultrasonic Testing
6. Rig/ Handling Tools Inspection
7. Borescope Inspection
8. Certification of Slings/Shackles

SAND BLASTING + SHOT PEENING

Gulf Engineering Services Ltd. offers enclosed and blasting and shot peening capability. The enclosed cabinets can hold pipe and other equipment up to a 16" diameter range. These blasting capabilities allow the material to have a surface finish that is needed in products today for the extreme demands of the oil and gas industry.

HIGH PRESSURE WASHING

Gulf Engineering Services Ltd. understands the need for quick and reliable service. Together with our logistics we offer great turnaround time in the preparation and cleaning of tools, equipment and pipe. Our pressure washers range from 1 500 psi to 30 000 psi with both outside and inside pipe cleaning abilities. Gulf Engineering Services Ltd. is known for our reliability, quality, and quick turnaround

THIRD PARTY INSPECTION SERVICES

Gulf Engineering Services Ltd. knows that in today's changing world, cooperate clients need to make sure certain standards are met. To do this they need independent third party inspection companies to be present for certain aspects of the job. We work together with various inspection companies who are certified and known globally for this task and can recommend or even contract if/when the customer needs these services.

HARD BANDING

Gulf Engineering Services Ltd. has recently added a new service for repairing high quality hard banding materials to extend tubular life for drilling operations. Our service is strategically located in the western hemisphere to provide timely and cost-effective solution for our customers near and abroad. Our one stop shop makes us the preferred solution for tubulars.

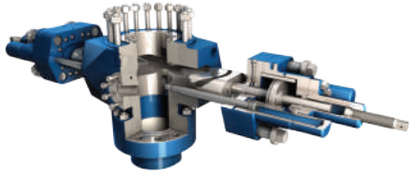
OPEN + CLOSED STORAGE FACILITIES

Gulf Engineering Services Ltd. over the years has expanded their capability for storing customer equipment. Gulf Engineering Services Ltd. now offers open racked storage for tubulars and well equipment, as well as, closed storage or warehousing for weather sensitive equipment for the oil and gas industry. We also offer short and long-term leases according to our customer needs. Our large fleet of lifting equipment ranges from 2.5 tonnes to 25 tonnes and can handle any loading needs in the industry.

Distribution

DRILLING & PRODUCTION

- Drilling Products
- OEM equipment
- Tong dies, inserts
- Pipe wipers
- Drilling fittings
- Fluid end parts
- Drilling hose
- Drilling compounds
- Production Equipment
- Blowout preventers
- Spill protection
- Chokes
- Storage compounds
- Mud buckets
- Power end parts
- Elevators



- Power Transmission
- Hydraulic hose, couplings
- Pneumatic hose, couplings
- Sheaves
- V-belts
- QD bushings

INDUSTRIAL & SAFETY SUPPLIES

- Mill / Industrial Supplies
- Abrasives
- Adhesives, sealants
- Lubricants, solvents
- Janitorial supplies
- Material handling
- Degreasers
- Drill bits, reamers
- Hand tools / Power tools
- Measurement precision tools
- Welding supplies
- Torquing tools
- Personal protective equipment
- Gas detection

- PPE / Safety Supplies
- Lockout/tagout
- Spill control
- Safety glasses
- Gloves

PIPE, FITTINGS & FLANGES

- Pipe fittings:-

1. Carbon steel
2. Stainless steel
3. Resin based Fiberglass
4. Polyethylene
5. Instrument tub

- Paint / Coatings
- Acrylics solvent and waterbourne
- Epoxies high build and high solids
- Polyurethanes
- Tank lining
- Gasket / Fasteners

- Spiral and ring type gaskets
- Stud bolts
- Carbon, stainless steel and teflon coated

ELECTRICAL SUPPLIES

- Onshore and offshore cable
- Marine & Industrial Motors
- Explosion proof equipment
- Motor controls
- Lighting Ex (LED)
- Industrial Fittings
- Conduit Bodies
- Unions, Couplings
- Hub and Seals
- Emergency Lighting
- Grounding, Earthing
- Cable Ties, wraps
- Heatshrink

- Fasteners, lugs, termination
- Cable trays and supports
- Enclosures
- Transformers & Instrumentation

VALVES & ACTUATIONS

- Ball Valves - Trunnion
- Ball Valves - Floating
- Butterfly, Check and Choke Valves
- Control, Gate & Globe
- Needle, Plug & Relief
- Valve Actuators, Pneumatic and Hydraulic
- Spares
- Certification
- Testing

PUMPS

- Water transfer
- Salt water disposal
- Chemical injection
- Power ends
- End suction centrifugals
- Plunger pump fluid end
- Machining and Repairs
- Custom-designed packages

Certifications

API-7-1

API-5CT

ISO 9001:2008

API Specification Q1

Grant Prideco Certification

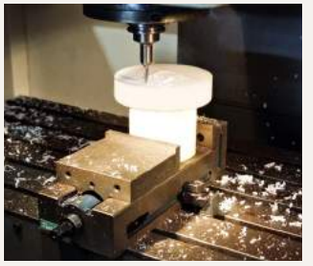
Hunting Proprietary Connection Certification

Hunting Seal-Lock Connection Certification

JFE Certification

Tenaris Hydril Certification

Gallery



Contact Information

Gulf Engineering Services Ltd.
2-1/4 MM South Trunk Highway
La Romain, Trinidad, W.I.
Tel +868 652 8447/8448
Fax +868 652 8723/ 697 7677
EMAIL: gulf@gulfengtt.com
Website: www.gulfengtt.com

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