API Engineering, API Capacitors and PPI Engineering are members of the API group which has world class design tools and extensive experience in the heavy engineering sector. API can offer a full range of engineering services including design, diagnostics, FMEA, project management, owners engineer, expert witness, manufacturing support, condition monitoring and site services.

API Capacitors is the largest specialist manufacturer of power capacitors in the UK, manufacturing high quality power Capacitors since 1986.

> PPI Engineering are manufacturing Purge and Pressurization Systems as well as Rotor Earth Fault Detectors which are certified and approved to international standards such as IECEX, ATEX, UL and CSA.

Our engineers are always at hand to respond to any design queries and to ensure that material specifications and process requirements are in line with international standards and customers' requests.



API Engineering Headquarters are located in Norwich with branch offices strategically located around the world delivering technical excellence to its customers. Please visit our website for further details: www.api-engineering.com

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MANUFACTURING, DESIGN, ENGINEERING & PROCUREMENT







ENGINEERING SERVICES

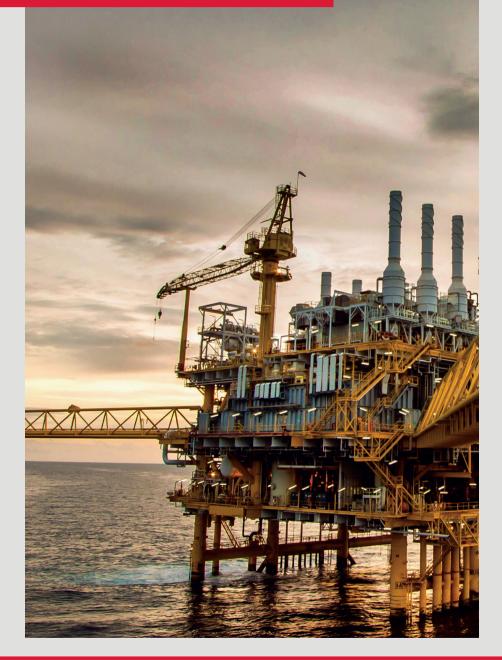


Our large team of skilled and experienced mechanical and electrical engineers, design draughtsmen, mechanical and electrical designers and metallurgists can provide you with expert technical advice on your engineering problems.

Through reverse engineering we can design replacement components, re-engineer existing components as well as produce complete replacements for obsolete equipment while ensuring the new equipment is compatible with the existing system.

ENGINEERING CAPABILITIES:

- Design and optimisation of electrical machines
- > Gearbox design & development
- > Special purpose machine design
- > Wind, tidal and solar power solutions
- > Component Design and Supply
- > Design Tools
- Production and Project management, Witness Testing, Expediting and Inspection Services
- > On & off site technical support



PROCUREMENT SERVICES:

We are experts in procurement within the Oil & Gas industry whether Upstream or Downstream, with an experienced team dedicated to providing consumables, spares and complete packages.

We offer complete supply chain solutions to our customers worldwide and we would appreciate the opportunity to assist you with your procurement activities with an unrivalled geographical spread and an international network of suppliers, we service our clients worldwide through strategic locations.

API Engineering will be your single point of contact, automating recurring orders and managing all ordering, receiving, distribution and payment for your MRO materials.

API Engineering's Project Management team helps our customers focus on their core competencies while we provide your Engineering, Operations and Construction departments with aid in AFE preparation and costing, sourcing, planning, expediting, staging, shipping and receiving. API Engineering has a history of helping our customers reduce costs and improve operational efficiencies.



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UPSTREAM SECTOR

Below are just some of the products we can supply very competitively offering a personal and professional service to our clients 24/7.

- > Drilling Equipment: Top Drives, Rotary Tables, Mud Pumps.
- > Drawworks: Brake Rims / Blocks, Bearings, Catheads, Clutches, Winches.
- > Flowline Products: Valves, Swivel Joints, Unions.
- > Instrumentation & Control Systems.
- Downhole Tools: Fishing Tools, Shock Tools, Milling and Cutting Tools, Drilling Motors, Bumper Subs, Die Collars, Blocks, Jars, Safety Joints, Junk Baskets, Reverse Circulating, Junk Catchers, Junk Mills, Magnets, Overshots.
- Mud Equipment: Agitators, Bladders, Desanders, Degassers, Defoamers, Manifolds, Cementing, Flow Mud Hoppers, Screen, Shaker Unions.
- Traveling Equipment: Blocks, Crown Hooks, Snatch, Traveling Crown Block Protectors, Hoisting, Shackles, Sheaves, Swivels.
- Sucker Rod Accessories: Pony Rod, Polished Rods, Rod Guides & Centralizers, Rod Elevator Clamps, Rod Couplings, Swab Cups, Rod Hooks & Wenches.
- Handling Tools: Clamps, Safety Drill Collar, Drive Bushings, Elevators, Links, Sucker Rod Tongs, Spinners.
- Valves, Pressure Control Eqipment, Wellhead, Christmas Tree & Accessories: Stuffing Boxes & Packing, Production Tees Environmental Boxes, Lubricators, Stripper Heads, Misalignment Unions, Sucker Rod, BOPs, Gate Valve, Butterfly Valve, Choke Valve, Safety Valve.
- Drill String Accessories: API Couplings, Crossover Subs, Drill Collars, Drive Subs, Kellys, Kelly Cocks, Lift Subs, Rotary Hoses, Thread Compounds.
- Drilling Tools: Drift Indicators, Mills, Pilot Drill Pipe Floats, Inside BOP, Rock Bits, Stabbing Guides, Integral Blade Stabilizers.
- > OCTG: Casing & Tubing, Drill Pipe, Coiled Tubing, Premium Connections, Accessories.



Typical brands we can supply include the following:

NATIONAL	BOWEN
GRIFFITH	VARCO
DRECO	OILWELL
MISSION	BRANDT
MD TOTCO	EMSCO
ELMAR	IDECO
SHAFFER	WEB WILSON
KOOMEY	CAMERON
DEMCO	GOTCO
HYDRIL	SONDEX
CATERPILLAR	GATES
OTECO	GARDNER DENVER
TIMKEN	TENARIS
FMC TECHNOLOGIES	SMITH BITS

DOWNSTREAM SECTOR

API Engineering provides complete MRO packages including the following products:

> Instrumentation

- > Valve & Valve Automation
- > Line Pipe & Piping Products
- > Fittings & Flanges
- > Pumps & Compressors
- > Motors & Generators
- > Welding Equipment
- > Electrical & Mechanical Packages
- > PPE and Safety Products
- > Rope, Soap & Dope
- > Consumables
- > Spare Parts



YOUR PARTNER IN HEAVY ENGINEERING

