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FAAB GROUP Inc.

COMPANY PROFILE



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ABOUT US:

FAAB GROUP and its affiliates offer products from world class producers of Oil Country Tubular Goods (OCTG), line pipe, and premium connections. Our supplier relationships represent a collection of some of the most technologically advanced companies in the industry. The high quality products of these suppliers combined with their strategic and geographical locations allow us to provide unparalleled global customer service.



We have earned the trust and respect of our customers based on product quality and the high level of support provided in the procurement and delivery of those products. Our clear focus, strong global network, and financial strength allow us to manage the supply chain effectively and efficiently. Our goal is to have a supply chain that adds the most value between the producers and the customer.

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PRODUCTS & SERVICES:

FAAB GROUP supply all Pipes, Pumps, Valves and Drilling products related to oil, gas industrial.

- (A) OCTG Casing, Tubing, Drill Pipe
- (B) Pipe Fittings and Flanges
- (C) Pipe and Tubular Products
- (D) Oil field Drilling Equipment
- (E) Valves and Actuators
- (F) Steel Truck Bodies & Platforms
- (G) Automobile Steel Parts & Accessories
- (H) Fencing
- (I) SERVICES (incl. Inspection, Construction, Maintenance, Procurement etc.)

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(A) OIL COUNTRY TUBULAR GOODS (OCTG) SUPPLY

FAAB GROUP supply OCTG, oilfield casing, tubing, drill pipes, pup joints, drill collars, crossovers, HDD rods and associated premium tubular products and other OCTG accessories to the regional Oilfield, Oil & Gas related projects.





Seamless and ERW Casing

- Specification API 5CT
- Grades K55, N80, L80, C95, P110, Chrome, J55(Modified), J55 (API), PS80
- Special For sour services and for deep well with high collapse Grades properties
- Dimensions DD 4" 26" WT 0.2 -0.5"
- Length range 🤰 1, 2 or 3
- Thread API (STC and LTC), BTC, extreme line, VAM premium connections, integral connections, integral metal seal connections, threaded and coupled connections and integral thread seal connections, etc.

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Seamless and ERW Tubing

We supply tubing in various ranges, grades, color identification and types, threaded with API and Premium connections Seamless (SMLS)

Specification API 5CT

Grades J55 (API) J55(Modified), N80, L80, L80 13Cr, P110, Q125, H40 (API)

■ Thread connections 😝 API 5B - Last Edition or Premium, VAM Premium, EUE, NUE,

special seal, metal-to-metal seal and VAGT

Specialty Grades Chrome and high performance grades

Length range 3 1, 2 or 3

■ Dimensions ■ OD 1.9 - 4.5" WT 0.19 - 0.27"

Drill Pipe and Production Pipe

We supply API Drill Pipe of wide variety of sizes, designs, and metallurgy and manufactured from high quality seamless pipes and connections with all API 5D and or as per required specifications.

Specification API 5D and other Specifications

□ Dimensions 👂 OD 2 3/8" - 6 5/8"

Length ■ up to 15' (4.57M)

With friction-welded tool joints, according to API or in VAM design Classified yellow band and premium class in grades E-75, X 95, G-105 and S-135

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Raiser

Production, work over and drilling riser

Dimensions **₽**OD up to 26"

Drill Stem products, Collars and Pup Joints

Production Pipe

- Production Casing
- Production Rods
- Production Tubing

Structural Pipe

Structural

Casing

Structural
Tubing

Structural Rods



OCTG Accessories

- □ Christmas-Trees
- □ Collars
- □ Crossovers
- □ Drill Bits
- □ Drill Collars

- □ HDD Rods
- ☐ Heavy Weight Drill Pipe
- □ Lifting Subs. Torques
- Packers
- □ Pony Drill Collars

- □ Pup Joints
- □ Spiral Drill Collars
- □ Valves
- □ Wellheads

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(B) PIPE FITTINGS AND FLANGES



FAAB GROUP is a regular supplier of Pipe Fittings and Flanges of various specifications, size, grade and materials. Our supplies include standard grade Couplings, Sockets, Nipples, Bushings, Nuts, Caps, Plugs, Socket and Hose fittings, etc.

Materials

Forged carbon, CS, SS, High-yield, Al, CU, Brass, Bronze, Malleable and Cast Iron, Chrome, Moly, PVC, CPVC, exotic alloys, Hastelloy, Inconel, Monel, Titanium or other non ferrous materials.

Pipe Fittings

Butt Weld Fittings, Threaded Fittings and SMLS Fittings

We supply a wide range of Fittings - 45's, 90's, 180's, Reducers, Couplings, Caps, Y's Tee's, Laterals, O-lets, Plugs, Unions, etc.

- Dimensions DD 1/4" 102"
- Schedule 5 10 XXH 150# 9000#
- Grades WPB, WPC, Y42, Y65, WP11, WP22, WP91 F304, F347

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Forged Fittings	Weld Fittings	Threaded Fitting	
ASTM A-105 ASTM A-	A-234 WPB Carbon Steel	High quality fittings	
182 F-304, F304L, F-	NACE A-403 WPS, WP, WPX	made of premium tube	
316, F-316L 150#,	304L, 316L A-774 304L,	and bar material for	
300#, 2000#, 3000#,	316L Socketweld Fittings for	high pressure system	
6000#	high pressure systems		
Various OD & WT			

Pipe Flanges

We supply all steel grades and pressure classes according to ANSI, API, BS, standards. Our regular supply includes all types of flanges, Lap-joint, Slip-on, Welding neck and Blind flanges in standard grades.



Dimensions → OD 1/8" - 102". WT ranging from MSS and ANSI standards

Grades	₹ F5, F91, Y42, Y65, F304, F347
Schedule	∍ 10 - XXS 150# - 2500# SA-105, SA-182, SA-350, SA-
	694

Strainers

Y- type, Tee, Basket, Cone, Flat, etc.

Sealing Products

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Fasteners, Bolts, Studs and Gaskets

For oilfield projects, we regularly supply fasteners, threaded studs, double-end and tap-end studs, combination studs, nuts, bolts, screws, washers etc. of all pressure ratings, various specifications, grade and materials.

We supply a full range of high tensile stud bolts (OD 1/2" to 31/2") with a versatile range of gaskets including compressed fiber, klinger spiral hound, graphite self centering or centering ring type.

Anchor Fastener	Standard and Metric
Expansion Fastener	Gaskets, Neoprene, Spiral Wound
Expansion Anchor Fasteners	RTJ
Expansion Anchor Bolts	Thru Bolts
Expansion Anchor Bolt	SS Anchor Bolts
Machine Hex Head Bolts	Eye & Hook Anchors Bolts
Machine Studs	

Nipples, Swedge Nipples

C Grooved, Transition
C Beveled Both Ends

Plain Both Ends
Threaded Both End

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(C) PIPE AND TUBES

Pipes - Standard and Line Pipe

FAAB GROUP is supplying practically all kinds of Line Pipes that meet specific Oil & Gas project requirements and mainly for sour services.



We also supply complete range of Pipes and Tubular products -

□ Alloy Pipes	 Fiber Glass 	Pipes 🗆	Pressure	Tubing
---------------	---------------------------------	---------	----------	--------

□ Exotic Tubings □ Industrial Pipes □ SS Pipes

□ Casing & Tubing □ Large OD Pipes □ Structural Pipes

□ Coiled Tubings □ PE Pipes □ Heat Exchangers Tubes, etc

□ Drill Pipes □ Pipes for Boilers

Line Pipe

WE offer a wide range of Line Pipe of different size and grades, wall thickness, pressure class, coatings and accessories.

- Specification API 5L (API5L), ASTM, A106 Grade A or Grade B and other specifications
- Grades → X42 X80
- Dimensions OD 1/8" 120"

SMLS Seamless Line Pipe

- Specification API 5L (API5L), API 5A, PSL1, PSL2, ASTM A106, ASTM A53
- Dimensions 🤰 OD to 28", WT to 4"
- Grades 📑 X42 X80
- Standards → API, ASTM, DIN, ISO, NFA, EN, EEMUA, DNV, GOST and for specific project requirement according to required specifications

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Welded ERW Pipe

- Spiral or Longitudinal Continuous Weld, SAW and DSAW, HFI, CDW, EFW
- Available in a wide range of specification, Class, Grade, OD and Wall Thickness
- ERW Pipe custom steel in specs API 5L (API5L), ASTM, AWWA, ASME, and API 5L through X 70 in various sizes

Tubular Products

Tubular products that we supply include a wide range of high quality seamless tubes (SMLS) and welded tubes (ERW), fittings and flanges mainly to Oil & Gas exploration, petrochemical, power projects, etc.

Material

SS, Alloy, Ni, Cu, Ti, etc .stainless steel, duplex, nickel alloy, and other specialty grades of tubing and pipe.



Tubular Products

Pipe Fittings, Flanges, Connections, Couplings, etc

Accessories

Handling Equipment, Shrink Sleeves, Bends, Elbows, T's, Liners, Repair Equipment, Pigs etc.

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(D) DRILLING MACHINERY, EQUIPMENT, TOOLS AND ACCESSORIES



FAAB GROUP specializes in the supply of a range of premium quality drilling Equipment, components and accessories. We supply technically advanced API Equipment for overall drilling efficiency for demanding oil and gas applications in a full range of sizes and types. Our supply of finest drilling equipment is for excellent drilling, long run life and for optimum combination of

drilling efficiency and durability.

Drill Bits - Tricone & Diamond Drill Bits

Oilfield Hoses

Hoses, rotary, standpipe, steel

Hydraulic clamps for drilling

Handling Tools

Drill Pipe Spinners

Elevators

Kellys, Kelly Spinners, Kelly Cocks

H2S Safety Valves

Safety Clamps Slips

Tongs

Casing Handling Equipment

Fishing Tools & Downhole Eqp

Mud Treating Equipment

Drilling Strings

Rig Tools

Toque Converters

Air Compressors

BOPs

Wireline

Wall Scratchers, Borehole

Well capping equipment, Christmas trees

Well chokes, completion systems, sub-sea

Christmas trees

Engines & Parts

Roller-cone bits, Tricone Rotary Drilling Bits

Directional Drilling

General Drilling Machinery and Equipment

Cementing Equipment

Casing Accessories

Production Equipment

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(E) OILFIELD, INDUSTRIAL VALVES AND ACTUATORS, FLOW CONTROL SYSTEM, VALVES, PARTS & ACCESSORIES

API and Process Valves

We supply a wide range of flow control system, actuators, valve products and parts for oilfield, refinery, petrochemical plant, marine and industrial applications according to API 6A, 6D specification for various pressure classes and sizes and applications.

We offer wide variety of corrosion resistant high pressure application valves and parts and supply best quality valves that are both reliable and repairable.

Check Valves and Pressure-Control Valves

- □ 3-2 Way Jacketed Valve □ Sampling
- □ Actuation
- □ Angle Seat Valves
- □ Angle Valves
- □ API 6A & 6D Gate Valves
- □ Ball Diaphragm Valves
- □ Ball Valves for all Applications □ Knife Gate Valves
- □ Bleed Valves
- □ Butterfly Float Valves
- □ Butterfly Valves
- □ Check Valves
- □ Choke Valves
- □ Control Valves
- □ Diaphragm Valves
- □ Distribution Manifolds
- □ Double Block Valves
- ☐ Double Sealing Actuated Valve
- □ Drain Valves

- □ Slurry
- ☐ High Pressure Valves
- ☐ High Temperature Valves
- □ Instrument Control Valves
- □ Isolation Valves
- □ Manifold and Gauge Valve
- □ Modular Valves
- □ Mono Flange Valves
- □ Motorized Valves
- □ Multi Valve Manifolds
- □ Needle and Plug Valve
- □ Needle Valves
- □ Pinch Valves
- □ Piston Check Valves
- □ Plug Valves
- □ Pneumatic Actuator



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- □ Dual Plate Check Valves
- □ Externally Pressure Controlled

Foot Valve

- ☐ Force Pilot Operated Valve
- □ Gas and Air Valves
- □ Gate Valves
- □ Globe Valves
- ☐ High Integrity Globe
- □ Instrumentation
- □ Safety & Environmental

- □ Pressure Reducing
- □ Pressure Regulating Valve
- □ Pressure Seal Valves
- □ Relief Valves
- □ Safety Valves
- □ Solenoid Valves
- □ Storm Valves
- □ Sub-Sea Valves
- □ Wedgeplug Valves
- Standards API, ANSI, DIN, BS, GOST and other international standards
- Material Cast Iron, Cast Steel, Forged Steel, Stainless Steel, Brass, Bronze, Malleable Iron & Ductile Iron, Aluminum, Special & Exotic Alloys, etc



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Actuators

We supply electric, gas, hydraulic powered quarter-turn actuators, pneumatic actuators, hydraulic special purpose valve positioner, actuators, etc.

- □ Actuator Accessories
- Automation Accessories
- □ Electric Actuators
- □ Linear Electric Actuators
- □ Rotary Geared Actuators
- Hydraulic Actuators
- □ Rotary Mechanical Actuators
- □ Linear Mechanical Actuators
- □ Rotary Pneumatic Actuators

- □ Rotary Servo Actuators
- □ Electric Limit Switches
- □ Limit Switches
- □ Lock Switches
- □ Motor Operators
- Pneumatic Actuators
- Position Indicators
- Positioners
- □ Solenoids and Switches Valves





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(F) STEEL TRUCK BODIES & PLATFORMS

We are a premier supplier of steel service truck bodies and platform/stake style truck bodies.

- Service Body
- Line Body
- Crane Body
- Westerner Storage
- Platforms
- Gooseneck Platforms
- Contractor







- Landscaper
- Dump Body
- Hoists
- Tool Boxes

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(G) AUTOMOBILE STEEL PARTS & ACCESSORIES

Our signature products include the very latest styles in headache racks, mud flaps, grille guards, bed rails, nerf bars, cab protectors & truck accessories like:



- o Door Edge Guards, Hood Guards, Fender Trim
- o Tailgate Guards
- o Rocker Panel Molding
- o Dually Simulators, Wheel Covers & Beauty Rings
- Spare Tire Mount
- Billet Grilles







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(H) FENCING

We specialize in various "Quality Perimeter Security Fencing Products" and are constantly in the process of upgrading our services as per the industry needs. We take pride in the quality of our products, which are subjected to rigorous standards of inspection and quality control procedures. Our products conform to International specifications such as ASTM (American Society for Testing and Materials), BS (British Standards), as well as customer specifications.

All our products are manufactured from the highest quality materials and are built to last. In addition to gates, panels, palisade fencing and specialised or custom made items, we also carry a range of residential, commercial and industrial fencing material such as posts, stays, standards, welded mesh, diamond mesh, razor coil, flat wrap, razor wire and numerous other items to complete our range of products.

STEEL CAGE FENCE TOP - BALL RETENTION FENCE TOP

The safe one

The steel cage fence TOP by FAAB GROUP complies with highest safety standards. It is an ideal synthesis of proven toughness and necessary flexibility. The fence panels can be raked to suit even steep ground slopes and most difficult ground conditions with special connectors.



The quiet one

The ball retention fence TOP by FAAB GROUP is TÜV-certified and conforms to noise prevention standards.

Choice of colours

Every RAL colour desired can be delivered, for example the colours corresponding to your corporate design.

Range of application

Enclosing

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- · commercial grounds
- private grounds
- club grounds
- public grounds
- high-security areas

according to latest standards of safety and manufacture.

Design features

Posts:

Rectangular tube with a minimum size of 60/40 mm. To be used according to the static certificate. Due to special fastenings, existing posts can be utilised.

Fence panels:

Made of horizontal, perforated, U shaped cold rolled sections 9/20/9/2 mm. The round rods with a diameter of 6 mm are positioned off-centre, making scaling considerably more difficult.

At every point of intersection, the vertical round rods are welded to the U-shaped section. The steel cage fence TOP has a grid size of 50×200 mm, for special applications 25×200 or 35×200 mm. Available heights from 630 to 2,430 mm. The ball retention fence TOP has a grid size of 50×200 mm in the lower section, up to a height of 2 m. Above a height of 2 m, the grid size is 100×200 mm. Available heights up to 9,000 mm. For better corrosion protection, the U-shaped sections are rounded on top.

Fastenings:

The panels are joined together with stainless steel bolts or rivets. They are secured to the posts with special non-slip clamps. If the fence is erected according to the instructions, U-shaped damping elements and spacers will damp sounds significantly. All nuts are self-locking. Two-part corner elements help to avoid injuries.

Top edge:

Enclosures for schools and nursery schools must not have points, protruding sharp edges or barbed wire up to a height of 2 m. The fence has to have a minimum height of 1 m (according to local authority association guide lines). Otherwise the

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vertical rods can optionally finish flush with the top edge, protrude approximately

15 mm or be sharpened to points. For the ball retention fence TOP the last option is not recommended, in order to avoid damaging the balls.

Electronic detection:

An electronic detection of a fence is an effective protection against penetration or climbing over and

can also be installed at a later date. In case you need more information please have a look at our brochure Security fence by FAAB Group

GUARD FENCING



Steel mesh fencing is the most popular choice for applications requiring the maximum possible security.

Commonly specified for prisons, airports and military installations, this style of fence provides the ultimate barrier to both climbing, and attack. In addition to this unprecedented penetration delay,

Guard fencing allows visibility, even along extended lengths of fencing, and when combined with our high visibility post system, allowing effective monitoring by CCTV cameras with minimal obstructions.

- High strength welded steel mesh with minimal apertures to prevent climbing.
- Mesh construction provides maximum visibility allowing effective monitoring.
- Inert powder coated finish is maintenance free and durable.
- Available in standard heights of up to 3m (non standard heights available upon request)
- Combination of closely spaced 4mm diameter

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• Steel wires presents the most severe barrier to cutting, hand tools are not effective, and power tools require extended operation and multiple blades.

EASY FENCE

Our easy fence range is designed to offer a practical, stylish and economical fencing system for domestic and commercial applications.

Manufactured to the same rigorous quality standards as our high security systems, the B64 system is a cost effective alternative to low security chain link or similar fencing. The benefits over such fencing systems are the added rigidity and security offered by B-64 welded steel panels, and the galvanized and powder coated.

- Rigid welded mesh fencing at chain link costs.
- Modular, secure fencing at highly competitive prices
- Galvanized and powder coated for maximum maintenance free lifespan.
- Modular system allows simple installation.
- Designed to blend with any environment.



SLIDING GATES

Gates available in three formats: Light Industrial, Security and High Security. Reliable and economical electrical drive units with almost silent operation.

Fitted with safety devices as standard to fully comply with all European regulations. Able to operate from local key switch, or may be integrated with any type of access control.

FAAB GROUP are able to provide a supply only or full supply and installation service including associated access control and monitoring systems.



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SWING GATES

Swing Gates were designed to fill the need for a rugged manual crash rated swing gate. The design of the end support assemblies add to its crash rated performance.

A ground track is not needed. The swing gate provides a clear opening of 12 to 30 feet (3,657 mm to 9,144 mm).

The gate can be tailored to match the surrounding decor in a wide variety of architectural treatments.

SWING GATE, consisting of a cable reinforced swing gate, support column



buttresses, heavy duty hinge assemblies and latching mechanism. The standard version is a manual unit that can be pushed into place by one person.

CCTV AND ACCESS CONTROLS



The need to ensure that you have a totally secure facility is now more important than ever before. FAAB GROUP are able to integrate all individual security measures into one centrally controlled system.

Access controls ranging from the single keypad entry systems to a gate, to a full biometric control system throughout a secure facility are supplied and installed. Training for your personnel, along with technical and maintenance services are

available for emergencies and system upgrades.

Coupled with our access control capabilities, we supply integrated CCTV systems to provide the full control core to your security system. Automatically activated or manually controlled, cameras, single or multiple locations, FAAB GROUP are able to supply and install a system configured to your exact needs.

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ELECTRIC FENCING

The use of advanced barrier technology prevents tailgating, and enhances the level of security. Tripod turnstiles, retractable flap barriers, full height turnstiles can all be used for pedestrian control, depending on the application. Traffic



management can be implemented by using products like boom barriers, motorized sliding gates, rising steps and rising bollards.

The Electro coil comprises a standard coil of Razor Wire Concertina incorporating an inner spiral coil of wire which is insulated from the outer coil. This provides the ideal system to convey an electric circuit through the barrier for passive intrusion detection or non-lethal repulse shock purposes.

The Electrocoil is simple to integrate into a barrier making it the most cost effective system available.

RAPID BARRIER SYSTEM SYSTEM CONCEPT

The system is designed to provide rapid protection - the 75-1000 meter barriers of barbed tape/razor wire coils can be deployed in seconds.

- Barriers are fully re-useable.
- Equipment is supplied to uplift and recompress the barrier into modules, simple to handle and compact to store.
- A single carrier unit can be quickly refilled to drop many kilometers of barrier in a short space of time.
- Systems can be tailored to meet customers exact requirements.
- No Police or Military Organisation can afford to be without this valuable tool.

Carrier Units of Mobile Rapid Barrier System

- 3 Coil Standard System (3 SD-TRAILER)
- 6 Coil Standard System (6 SD-TRAILER)
- 3 Coil Heavy Duty System (3 HD-TRAILER)
- 3 Coil Heavy Duty System (3 HDB TRUCK BEAM)



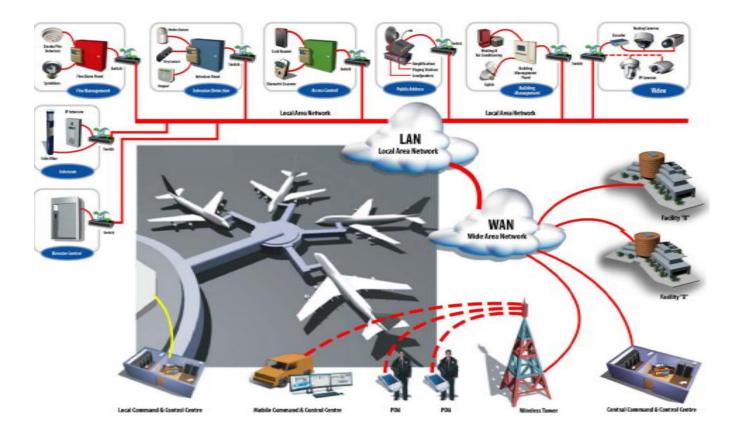
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TOTAL SECURITY MANAGEMENT SYSTEM



Total Security Management System is designed to integrate with many security and multimedia solutions including CCTV, Access Control, Intrusion Detection, Digital Video Recording, Public Address, Intercom, and Building Management Systems operating across a network infrastructure.

The system is an integrated, policy-based and event-driven security tool that focuses a security officer's attention only to events which require an officer's direct involvement. It also allows proactive features such as cycling through cameras, and utilising the virtual video matrix capabilities inherent in the system for distributing video. Subsequently, in general using the new system, a stationary person at a workstation is as efficient as four officers on patrol, with the increased CCTV coverage allowing all alarms to be monitored and acted upon.

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(I) SERVICES

We now have our new facilities in Libya specialized in providing NDT services (Non Destructive Testing), Tubular Inspection services and Intelligent Pigging Survey on flow lines, to the local market in Libya. In addition, we also provide construction & maintenance works and services for the oil & gas sector including provision of engineering support staff of different categories. References can be provided, if required.

1. NON-DESTRUCTIVE TESTING SERVICES

We offer the full range of non-destructive testing services including:

- Radiographic inspection (Gamma & X-ray)
- Ultrasonic inspection
- Magnetic particle inspection
- Welding inspection.

2. TUBULAR GOODS INSPECTION SERVICES

The inspection of oilfield tubular goods, drill pipes, tubing and casing is provided in accordance with API RP 7G standards with the following details:

- Visual thread inspection
- Full length drifting
- End area magnetic particle inspection
- Thread gauging
- Thickness reduction measurement due to corrosion & erosion
- Detection of pitting or porosity.

3. INTELLIGENT PIGGING (INSPECTION) SERVICES

FAAB GROUP, through its joint venture partnership with subcontractors offers the above referenced services on flow pipelines.

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4. CORROSION ENGINEERING SERVICES

We can provide provision of corrosion engineering services and personnel. This can take the form of design and installation of cathodic protection systems and equipment.

5. CHEMICAL MONITORING SERVICES

FAAB GROUP can provide chemical monitoring services including analysis and data reporting to the client.

6. CONSTRUCTION WORK SERVICES

FAAB GROUP offers (through highly skilled and experienced Engineers & Technicians) the services for the construction of civil installations including roads, buildings, water tanks, sewage system etc. Planning and designing are also part of the services. These services are provided on the basis of our experience in countries outside Libya, where FAAB GROUP has been executing civil works including construction of roads and buildings under a joint venture with our sister companies.

The services for the Construction of Mechanical and Electrical installations are also provided.

7. MAINTENANCE WORKS AND ENGINEERING SUPPORT SERVICES

7.A Pipe lines & storage tanks maintenance services:

We provide full repair & maintenance services for Oil & Gas Pipelines including maintenance, sand blasting & painting services for the Storage Tanks.

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7.B Engineering works maintenance services:

FAAB GROUP offers maintenance work services for all mechanical, electrical and civil installations including complete renovation of buildings, installation and maintenance of air conditioning units, electrical fittings & wiring, maintenance and replacement of doors, windows & ceiling, maintenance of water installations such as tanks & water pipes and all others as per requirements.

7.C Engineering support services:

FAAB GROUP can provide, on as required basis, engineering support staff and services to compensate for peak manning levels or other staffing problems for the following areas.

- ✓ Mechanical Engineering
- ✓ Electrical Engineering
- ✓ Civil Engineering

8. VENDOR / CLIENT INSPECTION SERVICES

We undertake full vendor inspection services on behalf of client at point of purchase. This inspection service would provide total documented control of the materials / items being sourced.

9. QUALITY ASSURANCE / QUALITY CONTROL

FAAB GROUP can provide either the complete quality assurance and control contractual services, or alternatively suitably qualified and experienced personnel to carry out these services under control of the client.

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