



Horizon Agencies & Commercial  
Services (HACS)

# COMPANY PROFILE







# *Your Reliable Partner*

*Established in  
1998*



## *Our Vision*

To strive to be one of the best Oilfield Service Company in Yemen and the Middle East and recognized as a Reliable Partner for our customers and principals.



## *Our Mission*

To provide high quality products and services, along with the highest safest work practices in the industry. To do our job with integrity, honesty, efficiency , and to be the preferred Choice of customers.

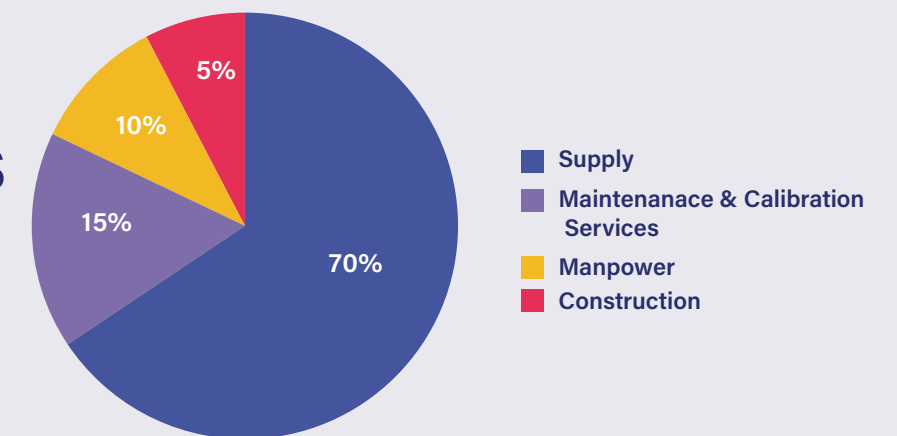




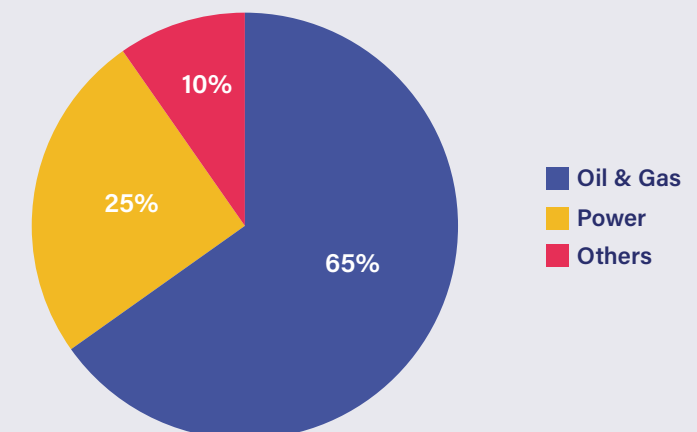
## Our Values



## Business Categories



## Business Sectors







# Health, Safety & Environment Policy

*HORIOZN Agencies & Commercial Services (HACS) CONSIDERS HEALTH AND SAFETY, RESPECT FOR THE ENVIRONMENT.. WE ARE THEREFORE COMMITTED TO:*

- HEALTH AND SAFETY OF PERSONNEL.
- ENVIRONMENTAL PROTECTION.
- SECURITY AND DIALOGUE WITH AUTHORITIES, CUSTOMERS, AND VENDORS.

*We comply with Yemen, International, and industrial laws and regulations.*

*Our principles, responsibilities and commitments are set out in HACS "Health, Safety, Environment, Quality and Security" Charters, HACS 'Code of Conduct' HSE Policy of Horizon Agencies & Commercial Services (HACS).*

*HACS implements the guidelines of the Voluntary Principles on Security & Human Rights.*

*TO DEVELOP A STRONG HSE CULTURE, WE ARE DETERMINED TO FOSTER:*

- Transparency and communication within the company and with the authorities, our partners, and our stakeholders.
- Management's leadership through exemplarity.
- active supervision of HSE matters.
- commitment from all personnel to our 14 'HSE Management Principles' and 12 Golden Rules'
- Vigilance and professionalism of every one at all times.

*IN ORDER TO ACHIEVE OUR STANDARDS WE SHALL, IN ALL OUR ACTIVITIES:*

- Manage risks to personnel, environment and assets through appropriate risk assessments.
- Ensure effective preparedness for any emergency situation.
- Develop ambitious, measurable HSE objectives and indicators in order to improve our performances.
- Maintain a high level of reporting and analysis for every anomaly and incident that may happen, in order to implement corrective actions.
- Maintain and develop the competencies of our personnel through appropriate trainings.
- Continuously improve our management system through regular monitoring, audits and inspections, and ensure its implementation.
- Protect the environment (sea, land, forest, ecosystems....) in all our operations.
- Ensure that contractors and suppliers are able to conform to our policies and standards.
- contribute to the economic and social development, and welfare of local communities, and of Yemen.

*I trust that each and every one of you will, in your daily activities, be conscious of your personal responsibilities in implementing a sound Health, Safety, and Environment policy, and behave in an exemplary manner at all times.*





## Oil & Gas

*Oil and Gas industry represents %80 of the Yemeni GDP and it has a high demand for supply, maintenance, and other support services. Understanding this necessity, Horizon collaborated with many world's leading manufactures, such as **GE Oil & Gas, Baker Hughes, TechnipFMC, Caterpillar - Solar Turbines, Dresser Masoneilan, Dresser Consolidated, FMC Technologies, Honeywell, Phoenix Contact**, and other world class principals to provide all oil & gas customers in Yemen with a wide and comprehensive range of world class products and services.*

Exploration, production, separation, refining processes and distribution are the areas where Horizon is a major supplier in Yemen that provides the following products and services:

## OUR PRODUCTS

- Drilling & Production Chemicals
- Data Acquisition & Process Control
- Turbines and Compressors
- Pumps and Wellheads
- Control Valves and Pressure Relief Valves
- Mechanical Valves
- Flow Meters and Systems
- Flowline Products (Chiksan®, Weco®)
- Loading Arms & Systems
- Filters and Separators
- Tank Storage Solutions
- Wastewater Treatment Systems
- Electrical and Electronics
- Generators and Transformers
- Field Instruments & Connections
- Pipeline Repair & Protection
- Fittings, Hoses, Tubing
- Strainers and Air Eliminators
- Personal Protective Equipment

## OUR SERVICES

- Flow meter installation, calibration, maintenance
- Building maintenance
- Generators and transformers maintenance
- Comprehensive support package to international EPC companies which are interested in bidding in the - - tenders of the oil companies in Yemen.
- Manpower supplies
- Pipeline repair & protection
- Electrical maintenance





## Electricity

*Horizon's collaboration with many international leading manufactures, such as **GE Oil & Gas, Baker Hughes, TechnipFMC, Caterpillar - Solar Turbines, Dresser Masoneilan, Dresser Consolidated, FMC Technologies, Honeywell, Phoenix Contact**, and other world class principals enables Horizon to provide the Electricity sector in Yemen with a wide variety of world's premium brands' products and services.*

We are able to source the right products to our client requirements by covering a variety of equipment ranges; Furthermore, our current team encompasses of highly skilled engineers and technicians dedicated to maintain innovative solutions and attention to details that focuses on the key issues of safety, quality, and time bound delivery.

## OUR PRODUCTS

- Transformers, Relays, Panels
- Ignition and Monitoring Systems
- Hydraulic and Pneumatic Equipment
- Pumps, Drives, Motors
- Control Valves & Pressure Relief Valves
- Test, Control, Protection Devises
- Flow Meters and Valves
- Turbines and Generators
- Air Blowers and Dryers
- Towers and Power Cable Accessories
- Data Management
- Downstream Chemicals
- Switch Gears & Circuit Breakers
- Switch Gears & Circuit Breakers
- Field Instruments
- Desalination Equipment
- Insulators and Fittings
- Electrode Cells
- Filters, Strainers, Air Eliminators

## OUR SERVICES

- Comprehensive support package to international EPC companies which are interested in bidding in - - the tenders of the Yemeni government or UN organizations.
- Installation and maintenance of generators and transformers.
- Installation and maintenance of main and distribution substations.
- Installation and maintenance of low and medium tension cables networks.
- Installation and maintenance of plant, switchgear, cabling.
- Installation and maintenance of instruments and meters.

*SERVICES*





## Calibration

### *Flow Meters Calibration & Maintenance*

Since 2006, Horizon has the only certified and authorized workshop in Yemen to provide the maintenance, repair, and calibration services of all manufacturer brands of liquid flow meters (sizes 6-1 inches). Our equipment and calibration procedures are approved by SGS. Our engineers and technicians are certified by FMC Technologies. We also do meters' calibration, repair and maintenance at site. Our clients are Total Yemen, OMV Exploration GMBH, DNO Yemen, Petromasila, Canadian Nexen, Safer-SEPOC, Calvalley Petroleum, Jannah Hunt, Aggreko, Dove Energy, Yemen Petroleum Company, Amran Cement Factory, and many power stations.







## *Manpower Services*

Horizon's Manpower Services Dept. began its operations in the year 2009 and, in cooperation with Horizon HSE and Quality Assurance Depts, it has been offering complete support to clients for meeting the recruitment and staffing needs in Oil & Gas industry, Electricity industry, Electro Mechanical, and Construction.

We supply particular specialists of all classes required by the Oil Drilling industry, Oil Refineries and Power Plants.

Horizon is a leading provider of permanent, contract, temporary and outsourced recruitment solutions. We are one of the main providers of Manpower Services for Total E&P Yemen as well as for Aggreko company.





## *Maintenance*

Horizon is a leading company in Yemen that provides a variety of maintenance services that conducted by highly skilled engineers, technicians, and workers who are dedicated to maintain innovative solutions and attention to details that focuses on the key issues of HSE, quality, and time bound delivery.

We are specialists in providing maintenance services for:

Pipelines:

Horizon has certified engineers and technicians who have been trained by the French leading company 3X ENGINEERING, which is a composite technology specialist in Pipe Protection/Reinforcement, Leak Sealing and Support Protection.

Generators:

We have highly trained certified engineers and technicians with a comprehensive electrical and mechanical knowledge to provide the highest quality of service and repair on your engine-driven generator, automatic transfer switches, and other ancillary equipment.

Buildings:

Horizon provides fast, professional, reliable, and high quality property maintenance service 7/24 carried out by our own skilled and experience personnel.

As a proven leader in building maintenance, Horizon, for years, has been providing Total Yemen with Preventive, Planned & Routine maintenance services in Plumbing, Electrical & Lighting, Painting, Construction, Carpentry, Air Conditioning, and Generators.





## *Construction*

Our expertise spans a wide range from pre-construction services to complete turn-key construction projects with strict HSE Policy; where "Ideas turn to reality".

Integrity, quality and innovation are the characteristics that distinguish Horizon from other construction companies.

In Oil & Gas sector, Horizon has conducted some projects for Total Yemen and Safer E&P Operations Company.





*PRODUCTS*



For well over a century Masoneilan has been synonymous with innovation, leading technology and responsiveness to market needs.

With its breadth of products and services, unequaled global presence and advanced process control expertise, Masoneilan is uniquely positioned to be the leading provider of control valve solutions. In solving today's challenges and looking forward to those of tomorrow, Masoneilan draws upon the dedication and entrepreneurial spirit of its people, leveraging its past to remain the supplier of choice for engineered control valve solutions.

- *Globe Control Valves*
- *Regulators*
- *Rotary Control Valves*
- *Valve Actuators*
- *Severe Service Valves*
- *Isolation Valves*
- *Digital valve positioners*
- *Masoneilan\* 4800/4700 Corrosion Resistance Positioners*
- *Emergency Shut Down Valves*
- *Valve Instrumentation*
- *Level Transmitters/Controllers*
- *Valve Software Tools*



Baker Hughes's suite of downloadable software tools provide a range of value from valve selection software (ValSpeQ and ValvStream™), through final product configuration and calibration tools (ValVue) that optimize the usage of the product in the field for highest performance and emergency safety operation.





































# FMC Measurement Solution/ Smith Meter

- ▶ Liquid Measurement Solutions  
Positive Displacement Meters, Coriolis Mass Flow and Density Meter, Ultrasonic Flow Meter Turbine Meters, Load Controllers, Flow Computer, Electronics, Tank Truck Products and Systems, Valves and Line Accessories.
- ▶ Gas Measurement Solutions  
Ultrasonic Gas Flow Meter Measure , Orifice master, Orifice fittings, Pipe Line Products, Meter Tube, Related products and Orifice fitting parts.
- ▶ Integrated Systems  
Liquid and Gas Measurement Systems, LACT, Flow Computers and Metering Control Systems.  
  
Positive Displacement  
Turbine  
Ultrasonic  
Coriolis  
Multiphase  
Invalco  
Water Cut  
Accessories



Crude Oil Processing	Crude Oil Transportation	Refined Products Transportation	Marketing Terminals and Biofuels	Truck and Aviation Distribution
Promass Q, E, and O Coriolis meters 	Smith Meter® PD meters 	Sentry conventional turbine meters 	AccuLoad® and microLoad™ presets 	Evolution™ electronics 
INVALCO turbine meters 	MVTM and Sentry turbine meters 	Promass X Coriolis meters 	Prime 4 and Genesis PD meters 	Truck meter packages 
Electromagnetic "Mag" meter 	4 and 8-path ultrasonic meters 	Fmc² flow computers 	GL Series turbine meters 	Sening® Tank Truck 
Vortex meter 	ISO 17025 Flow Research and Test Center 	Truck and railcar unloading skids 	210 preset valves and strainers 	Sening® MultiTask 
MPM multiphase meters 	Promass F Coriolis meter 	Load rack loading skids 	Biofuel blending skids 	
PADPro and well pad automation 	INVALCO BS&W 	Supervisory and DCS packages 	Terminal automation systems 	
LACT units 	Quality measurement units 	Metering and proving systems 	FUEL FACS+ 	





# Pressure Relief Valve Solutions

Leading in Overpressure Protection:

## Overview

Consolidated boasts 140+ years of dedicated Pressure Relief Valve (PRV) Engineering and Manufacturing expertise. We know overpressure protection! With more than 10 major first-to-market products and features, Consolidated continues to deliver innovative technical solutions to the world's most challenging overpressure protection applications. When combined with the expertise and full-scale service of the Green Tag Center (GTC) Network, Consolidated is able to provide a comprehensive approach to Valve Lifecycle Management (VLM) that is second to none.

## Safety Valves

Safety valves play an important role in keeping people and equipment safe. Building on the long legacy of the Consolidated Safety Valves, we work closely with customers and regulatory organizations to configure, engineer, and manufacture safety valves that can help maintain safer operating conditions in a full range of environments.



## Pilot-Operated Safety Relief Valves

### Overview

Consolidated Pilot Operated Safety Relief Valves (POS RVs) offer the safety you expect, the dependability you require, and the efficiency you need to keep your operations running smoothly. These valves offer a premium performance and numerous technical benefits and operating advantages over traditional Pressure Relief Devices.

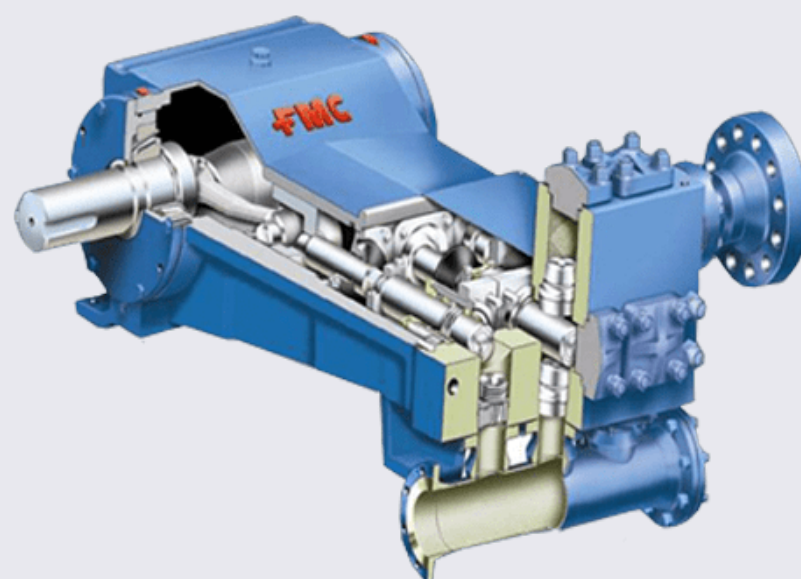






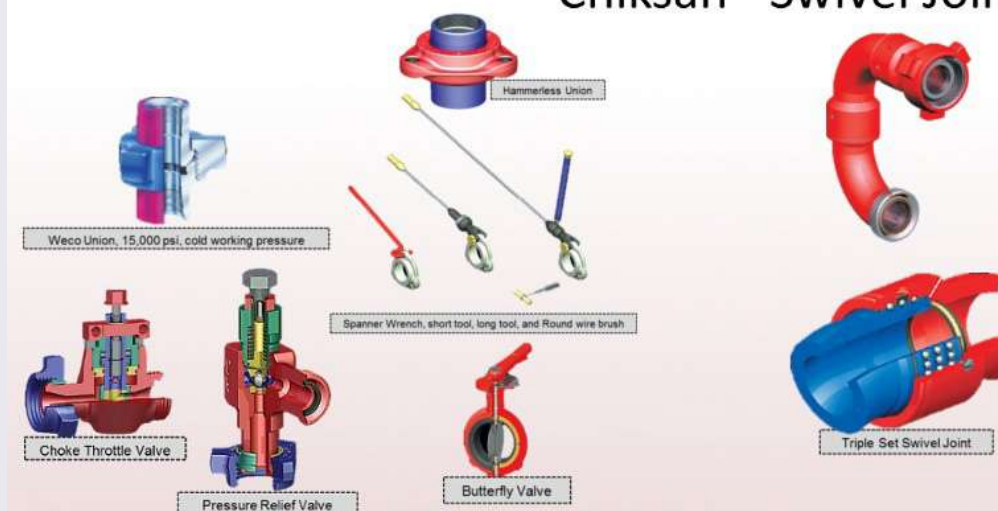
## FMC Fluid Control

Chiksan Swivel Joints  
Weco Valves  
FMC Reciprocating Pumps  
Flowline Products  
Frac Manifold Trailers  
Coflexip Flexible Pipe  
Temporary Pipe Restraints  
Choke and kill Manifolds  
Gate Valves  
Choke Valves

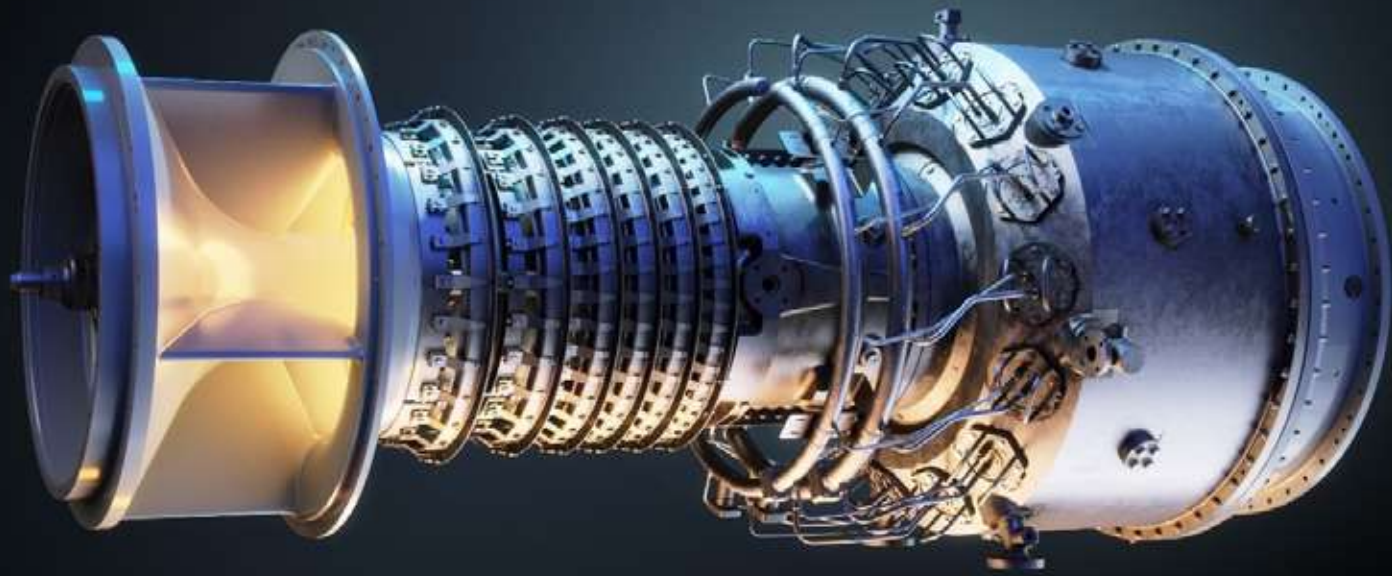


## Weco® Valves

## Chiksan® Swivel Joints







Gas Turbines and Compressors manufactured by Solar Turbines Inc.-a Caterpillar company.

Horizon supplies Gas Turbines & Compressors manufactured by the world leading provider of energy solutions “Solar Turbines Inc.”, headquartered in California, which is a wholly owned subsidiary of Caterpillar Inc.

Solar manufactures the world’s most widely used family of mid-sized industrial gas turbines, featuring an extensive line of gas turbine-powered compressor sets, mechanical drive packages, and generator sets.

Gas Turbines ranging from 1 to 23 megawatts. More than 16,000 Solar units are installed in more than 100 countries with more than 3 billion operating hours.

Gas  
Turbines & Compressors



Mobile Power Units (MPUs)

Gas Turbine Products range from 22-1MW  
10 families of centrifugal Gas Compressors

Gas Turbines	Mechanical Drives		Generator Sets
Turbine Model Rating	kW	hp	kWe
Saturn 20	1185	1590	1210
Centaur 40	3500	4700	3515
Centaur 50	4570	6130	4600
Mercury 50	N/A	N/A	4600
Taurus 60	5740	7700	5670
Taurus 65	N/A	N/A	6500
Taurus 70	8290	11110	8180
Mars 90	9860	13220	9450
Mars 100	11860	15900	11350
Titan 130	17500	23470	16530
Titan 250	23790	31900	23100





## FMC Loading Systems

FMC Loading Systems is the oil and gas industry's leading supplier of fluid loading and transfer systems. Solutions are available for handling a complete range of fluids at ambient, elevated and cryogenic temperatures.



Offers advanced technology in transfer operations for fluid loading and transfer systems, providing innovating designs, systems, packages and services to the oil, gas, petrochemical and chemical industries.





**Baker Hughes** 

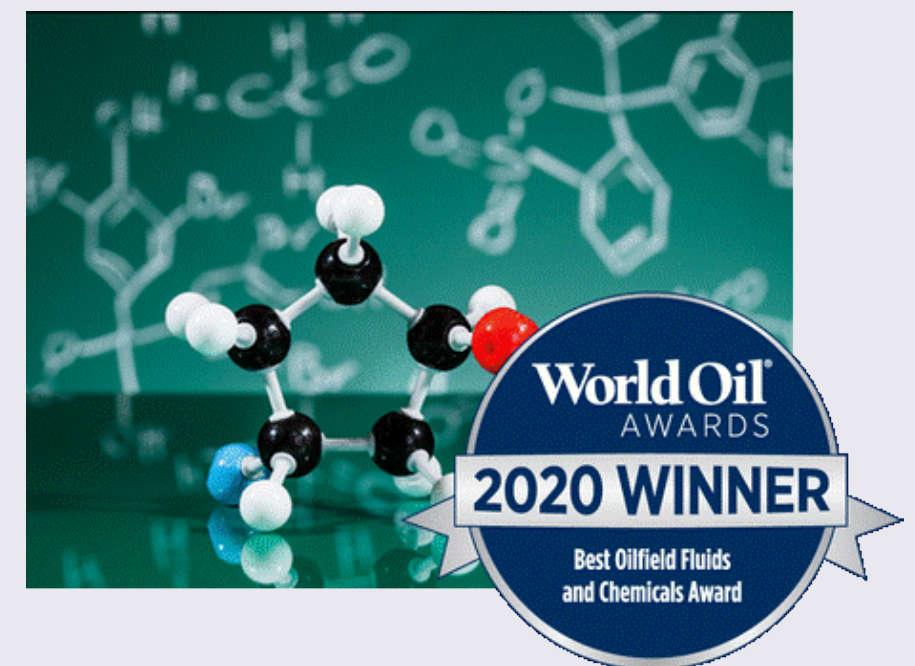


## baker hughes chemicals

Upstream, midstream and downstream chemicals supplied by Baker Chemicals (Petro-lite)

Horizon provides upstream, midstream and downstream chemicals manufactured by Baker Petro-lite which is a division of Baker Hughes.

We deliver oilfield chemicals for drilling, well stimulation, production and pipelines in the oil and gas; Moreover, we supply specialty chemicals to refining and petrochemical, chemical, steel, utility, mineral handling, crop protection and water treatment industries.







# Wellhead technology

Industry leading wellhead technology

TechnipFMC has a proven track record focusing on customers, challenging conventions, minimising non-productive time and delivering sustainable and successful economics with our standardised solutions

TechnipFMC offers a fit for purpose range of drilling products covering simple onshore and offshore drilling to complex operations in harsh well conditions and environments.

## Onshore technologies

- ▶ Conventional wellhead
- ▶ Unihead (UH-1, UH-2, UH-3, UH-4, UH-5)

Some systems can be installed on land and offshore platforms

## Offshore technologies

- ▶ Conventional wellhead
- ▶ Unihead (UH-2, UH-3, UH-4, UH-5)
- ▶ SPAR, TLP and SXS

System	Working pressure	Hanger / pack off retenion	Sealing technology	Nominal sizes	Temperature rating
Conventional	2K thru 20K	Lockscrew	Elastomer and Rough Casing Metal Seal (RCMS)	7 1/16" thru 21 1/4"	-75° F to 350° F
UH-1	5K, 10K	Lockscrew	Elastomer	11", 13-5/8"	-75° F to 350° F
UH-2	5K, 10K	Internal latch	Elastomer	11", 13-5/8"	-20° F- 250° F
UH-3	5K, 10K	Internal latch	Hybrid PI-metal end cap	11", 13-5/8"	-75° F to 350° F
UH-4	5K, 10K	Internal latch	Single metal to metal	13 5/8", 18 3/4"	75° F - 250° F
UH-5	5K, 10K, 15K	Internal latch	Dual metal to metal	13 5/8", 18 3/4"	-75° F - 400° F





- Pressure & Vacuum Gauges
- Level Gauges
- Temperature Gauges
- Vibration , Time & Overspeed
- Gauges
- Magnetic Switches
- Tattletale Annunciators
- Engine Control Modules
- Fuel Controls
- Mixers
- Regulators
- Sensors
- Valves



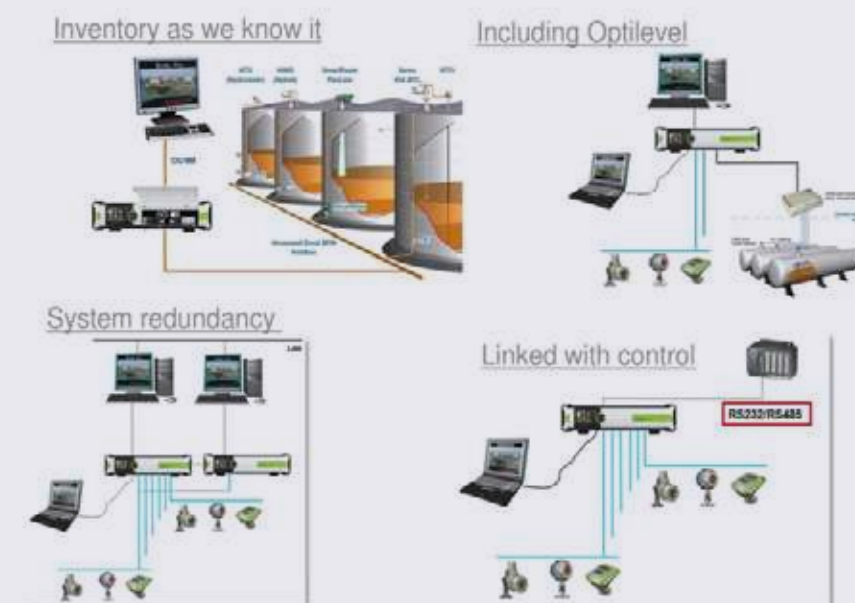
**Honeywell**  
**Enraf**

## Tank Storage Solutions

Tank storage solutions with safe and precise products manufactured by Honeywell Enraf®.

Horizon provides tank storage solutions suitable for custody transfer as well as inventory control with safe and precise products for all tanks - large and small, heated and refrigerated, spherical and cylindrical, fixed and floating roof, above and underground, used for crude products and chemicals.

Horizon is the leading supplier for precise, safe and reliable tank gauging equipment for obtaining product level and level alarms, average temperature and density, temperature and density profiles, pressure & water interface, powerful data manufactured by Honeywell Enraf® which has been the world leader in tank storage solutions for more than 70 years.







## Pipeline Repair-Protection

A complete line of pipeline repair and protection products from the French company 3X ENGINEERING.

Horizon supplies a complete line of pipeline repair and protection products manufactured by the French leading company 3X ENGINEERING which is a composite technology specialist in Pipe Protection/Reinforcement, Leak Sealing and Support Protection.

3X ENGINEERING products have been tested with Bureau Veritas, TUV, ABS, Lloyd's Register; Furthermore, its products have been used in many very well-known petroleum companies like Total, Exxon Mobil, Chevron, Aramco, Qatar Petroleum, Shell, ConocoPhillips, Dolphin Energy and India Oil.

## Composite Repair Specialist for:

- Pipe Protection
- Pipe Reinforcement
- Stop Leak
- Support Protection

REINFORCEKIT® 4D

COMPOSITE REPAIR SOLUTION FOR A LASTING PIPE REINFORCEMENT

REINFORCEKIT® 4D SUSBEA (R4D-S)

COMPOSITE REPAIR SOLUTION FOR SUBSEA PIPELINE REPAIR

REINFORCEKIT® 1D

COMPOSITE REPAIR FOR PIPE PROTECTION AND REINFORCEMENT

TANKiT® & REINFORCEKIT® PATCH

COMPOSITE REPAIR SYSTEMS FOR DAMAGED TANK

STOPKIT®

EMERGENCY PIPE REPAIR SYSTEM (EPRS) FOR ONLINE LEAK SEALING

ROLLERKIT®

COMPOSITE SYSTEM FOR PIPE AND SUPPORT PROTECTION FROM CORROSION

REFLANGEKIT®

ONLINE & UNDER PRESSURE LEAKING FLANGE REPAIR FOR SF6 GAS

REINFORCEKIT® BEAM

COMPOSITE REPAIR FOR DAMAGED BEAMS

DKiT®

BEAM PROTECTION AGAINST CORROSION

BRISTLE BLASTER®

SURFACE BLASTING







## Biological Cleaning of Waste Water Systems

Mobile and fixed biological cleaning systems for wastewater suitable for residential areas, offices and oilfield camps.

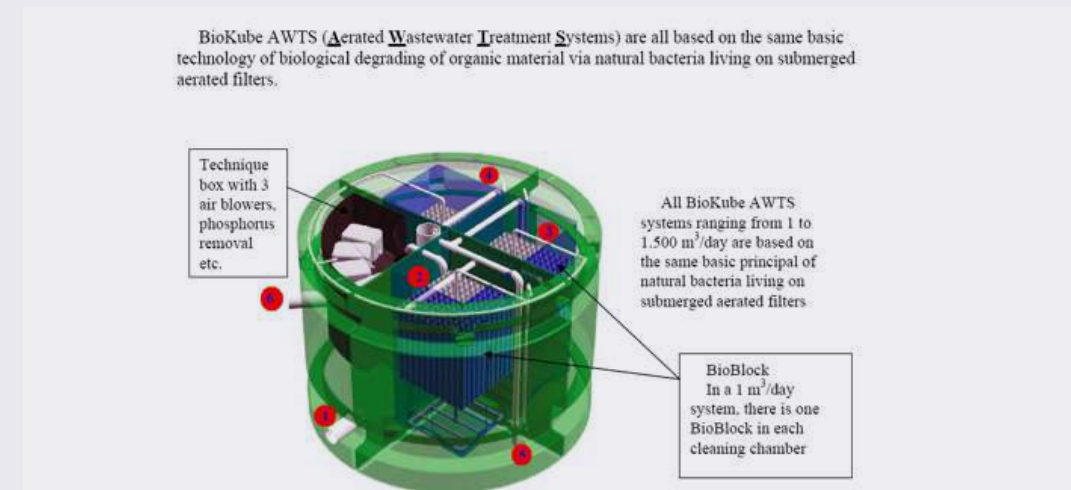
Horizon supplies complete systems for biological cleaning of wastewater manufactured by the leading company "BioKube" which is based in Denmark that has one of the highest environmental standards worldwide.

BioKube systems are suitable for residential apartments, offices buildings and oilfield camps. Wastewater treated in a BioKube system can safely be reused for irrigation.

The systems range in size from 11500- m<sup>3</sup>/day (33000- persons).

- o Mobile systems
- o Small systems
- o Big systems (underground & aboveground)

- For 3-10000 Persons
- Available in Fixed and Mobile systems Stop Leak
- Sewage water purified in a BioKube is so clean, that it can be outlet directly to a lake, river, and irrigation.



BioKube Small Systems 150 – 5 PE (50-1 m<sup>3</sup>/day)  
Plants for single houses, small resorts and cities

BioKube Large Systems 10,000 – 150 PE  
Plants for large cities, camps, hotels and resorts.





## General supplies

### Mechanical Valves

A variety of Ball, Butterfly, Gate, Globe, and Check valves with high quality standards from different world's class international manufacturers .  
Horizon supplies a variety of Ball, Butterfly, Gate, Globe, and Check valves from different very well-known international manufacturers which have high quality standards.



### Fittings, Hoses, Tubing

Tube fittings, valves, tubing, and hoses with highest quality standards manufactured by world's leading principals.

Horizon supplies a complete line of gas and fluid systems components, such as tube fittings, valves, tubing, and hoses manufactured by world's leading companies with highest quality standards.





## Our Major Clients

	-Masila Petroleum Exploration & Production Co (PETROMASIL) - Block 14		DNO Oil Yemen		Aden Refinery		Ministry of Communications
	-PETROMASIL - Block 10 (previously Total Yemen)		Halliburton Yemen		Marib Refinery		Ministry of Transportation
	-Canadian Nexen East Al-Haj Ltd (Blk. 51)		Calvalley Petroleum		Yemen Petroleum Company		Total
	SAFER Exploration & Production Operation Company (SEPOC)		OMV Oil Yemen		Yemen Gas Company		Aggreko
	Jannah Hunt Oil Company		Schlumberger		Yemen Oil Refining Company		Aden Free Zone
	Occidental Yemen		Ministry of Electricity		Yemen LNG Company		Amran cement plant
					Ministry of Oil and Minerals		pepa

## Certificates:



Trust  
PEPA  
SGS  
Chamber of  
Commerce



# *Subsidiaries*

*Head office in Sanaa*

*Calibration & Maintenance Workshop - Sanaa*

*Office & Warehouse in Aden Free Zone - Aden*

# *Head office*

*Located in the Capital Sana'a closed to the HQs of all oil operating companies.*

*Established in 1998 .*

*Responsible for all HACCS activities and supervisions of HACCS's Branches.*





**For more information, please contact:**

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