

Quality is our mission.



GASONTEX LIMITED

ENGINEERING • PROCUREMENT • CONSTRUCTION

COMPANY PROFILE

GASONTEX LIMITED

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Who We Are

Gasontex is a company born out of the desire to render qualitative and specialized services in the Oil & Gas and Petrochemical industries in Nigeria. Since inception, we have carried out various projects in the Oil & Gas and Petrochemical industries in Nigeria. The company is favourably disposed to form strategic alliances with other similarly focused entities (persons or organisations) in a bid to achieve our vision.

Our Mission

We provide quality assurance and quality control in engineering, construction and procurement of oil and gas equipment and materials.

Our Vision

Our vision is to build a high-growth, value adding, reliable and efficient company that everyone can be proud of.

Future Outlook

Gasontex plans to position itself as a competitive company in the international market through cooperation, mergers and acquisition of similar enterprises. We are in the process of identifying other profitable joint venture opportunities with other companies. This will further entrench our company in the industry.

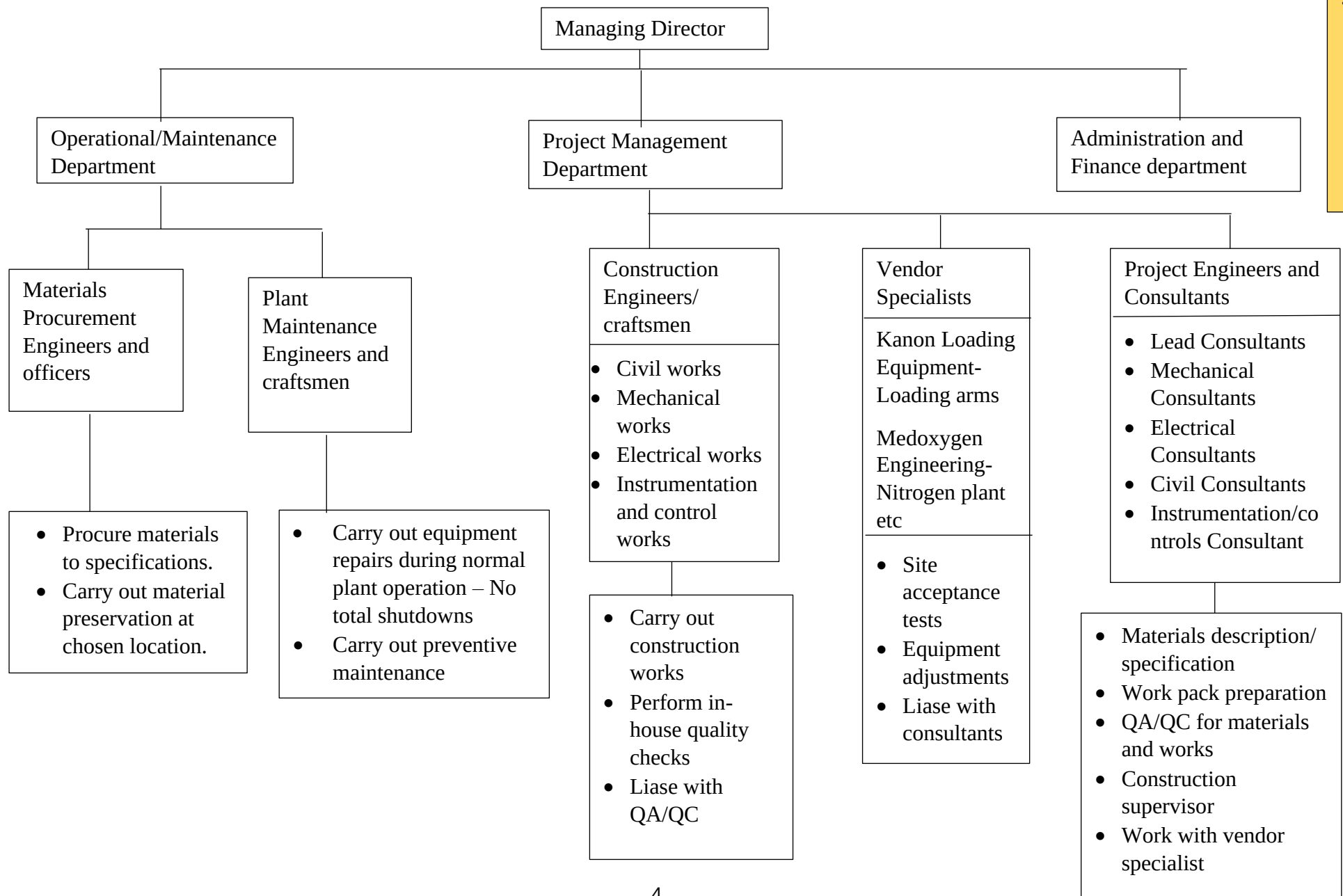
Our Company Objectives

To run a highly profitable venture with the potentials for growth in the field of our venture as we represent various manufacturers that have equipment in the refineries and petrochemicals plants in Nigeria and all over the world. Anytime the equipment requires maintenance, we bring in engineers and spare parts from the manufacturers of the equipment to work with our local engineers on the project.

To provide cost effective and highest quality services with real time/standby capabilities for offshore, swamp, and land operations and ensure a no rejection of all deliverables to the client.

To provide modern technical equipment and tools for high quality consulting and contracting services for the improvement of the operations of our clients.

GASONTEX LTD ORGANIZATION AND OPERATIONAL PLAN



Quality is our mission.

How We Work

Gasontex does not have any operating plants at the moment, hence our activities cover the following

- Equipment and materials procurement for third parties based on their descriptions, specifications and bill of materials.
- Installation and commissioning of equipment and materials from our foreign partners based on design and installation/commissioning procedures.
- Consultancy and supervision of installation and commissioning of equipment/ materials where a client so desires.
- Rehabilitation/maintenance of failed or underperforming equipment, materials, plants or systems.

Our project engineers and consultants provide engineering and quality management services for all the activities mentioned above.

Our construction engineers and craftsmen execute the installation, maintenance and commissioning works.

Materials/ equipment procurement engineers procure the equipment and materials.

Our Resources

Personnel

We have a pool of personnel from various fields (engineering, accounts, health, safety, etc.) with field experience varying between one and forty-five years. They are made up of our direct staff, vendor staff working with us based on agreement with them, staff from our partner local companies working with us on call-off and other forms of agreement and a team of project, mechanical, electrical, civil and instrument consultants. Among our consultants are retired engineers who took part in the design, construction, operation and maintenance of refineries, petrochemical and power plants scattered all over Nigeria today.

Quality Standards

We apply total quality management in our businesses to make sure that our quality standards cover everything we do. They cover the following:

Documentation standards

Materials standards

Engineering design, manufacturing, and construction standards

Maintenance standards

Quality control standards

Commissioning procedures/standards

Health, Safety and Environmental Quality standards

Financial Capability

We have very strong credit rating with our banks and therefore have no fear of financial problems while executing any project. Our foreign partners also provide credit facilities for us. This makes it easy for us to procure and supply equipment and materials from them; sometimes without any down payment.

Our Facilities

	Main Office	Site
Office Area (m ²)	300	Variable *
Parking Space (m ²)	100	Variable *
Workshop Area (m ²)	-	Variable*
Number of Full Time Employees	17	
Number of Part Time Employees	61	

*Area depends on specific contract nature, value and diversity.

Our Scope of Services

Gasontex has been serving the refineries for the past 34 years in the areas of Nitrogen Plants, Steam Traps, Globe Valves, Steam Boilers, Hoses, Marine Loading Arms, Truck Loading Arms, Electrical Products, Flame Monitoring Systems, High Energy Igniters, etc.

With over 34 years of experience in the supply/installation of Hazardous Area Products to the Refineries/Petrochemicals Sector, Gasontex and its Foreign Partners are able to offer a range of products, Technical Support and Design Capabilities.

All products are tested and certified to International standards.

Below is a list of some of our activities:

- Supply of parts, rehabilitation and maintenance of nitrogen plants.
- Supply of parts, inspection, rehabilitation and maintenance of steam boilers and generators
- Supply and installation of boiler parts such as igniters, flame detectors and their related control facilities.
- Supply of parts, inspection, rehabilitation and maintenance of steam turbines.
- Supply and installation of hoses for utility stations (water, steam, compressed air, nitrogen, etc.
- Inspection and repair of leakages in pipelines including installation of steam traps, gate valves, globe valves and replacement of corroded pipes.
- Equipment preservation by sandblasting, wire brushing, sandpapering, greasing or painting as the case may be.

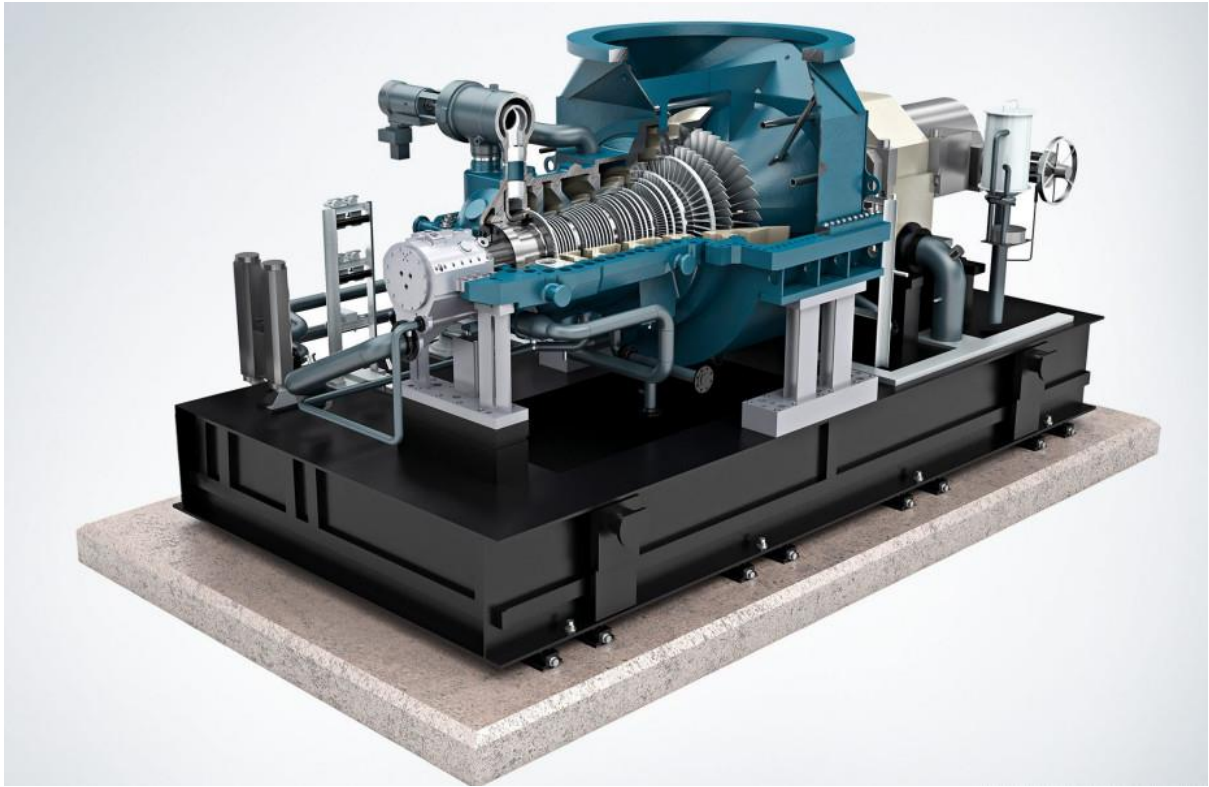
- Procurement, Installation, and maintenance of loading arms (Marine and Trucks)
- Vendor training services for equipment design, manufacture, inspection, installation and maintenance of the equipment belonging to such vendors.
- Construction of new houses and maintenance of old ones.
- Construction of new plants (nitrogen plant, oxygen plant, power plants etc) and maintenance of old ones.
- Construction of new product storage tanks and rehabilitation of old ones.
- Electrification of buildings and process plants and repair of old ones. We also supply necessary electrical parts and equipment for construction and repairs.

WE SUPPLY PUMPS, TURBINES, VALVES, EXPANSION JOINTS AND OTHERS.



CENTRIFUGAL PUMP

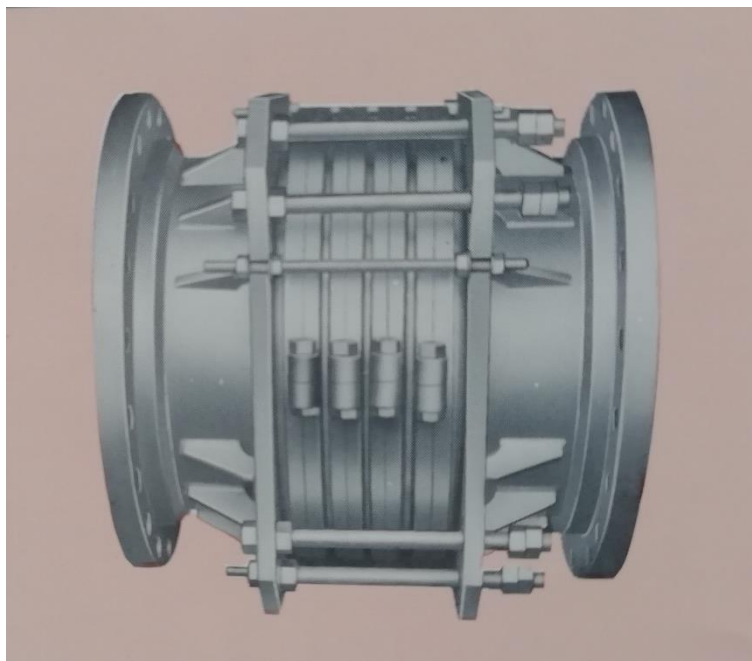
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STEAM TURBINE



BUTTERFLY VALVE



EXPANSION JOINT

TOOLS FOR EQUIPMENT INSTALLATION AND MAINTENANCE

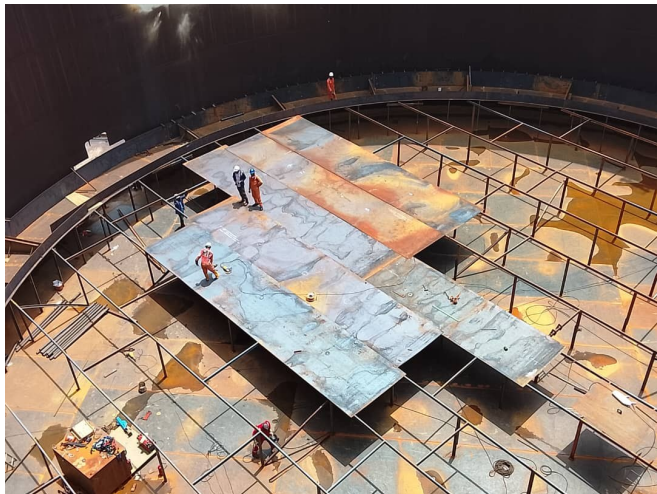


REHABILITATION OF PETROLEUM PRODUCT TANKS



REHABILITATION OF PMS & SLOP OIL STORAGE TANKS

52TK57C / 52TK57D / 51TK10
PORT HARCOURT REFINING COMPANY



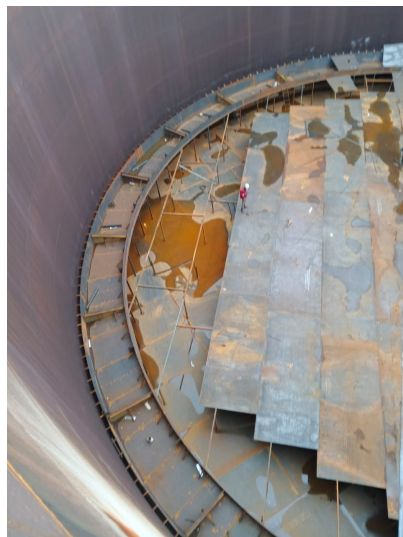
Floor plate replacement in progress



New floor plates being installed



Aerial view of tank floor works



Floor plate fit-up

TANK SHELL & ROOF WORKS



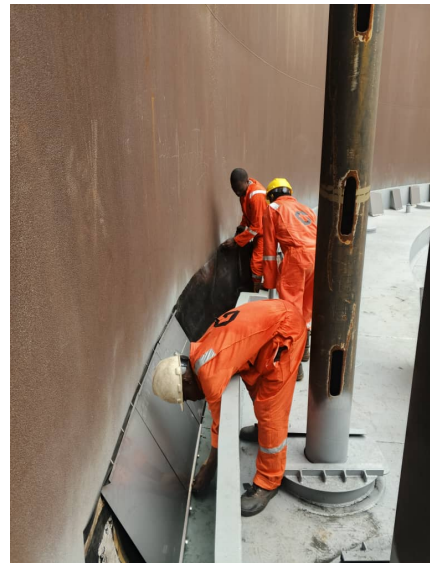
Scaffolding around tank shell



Roof structure works



Roof rafters and centre column



Team on roof rafters

COMPLETED TANKS 52TK57C / 52TK57D / 51TK10



Completed tank 52TK57D



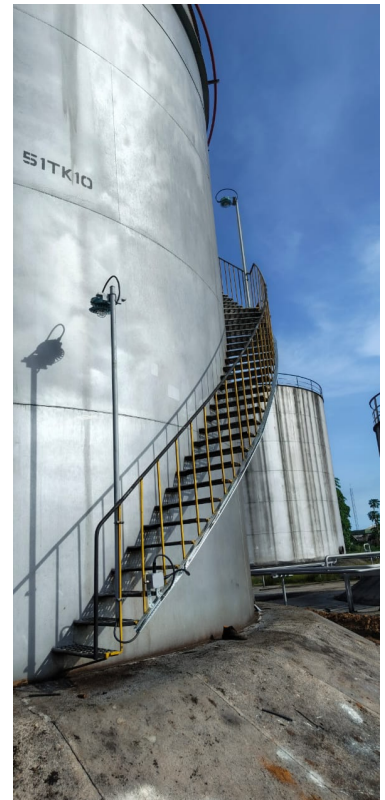
Interior inspection walkthrough



Completed tank 52TK57C



Crane lift of roof panel section



Completed tank 51TK10

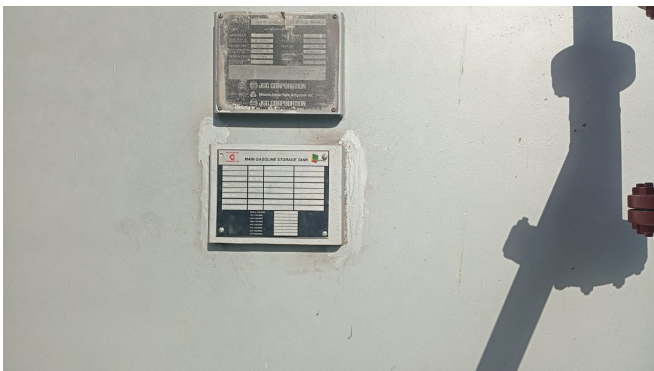
SITE MOBILIZATION & QUALITY ASSURANCE



Pre-work site survey



Materials hoisted to tank roof



Tank identification data plate



Client site review meeting

PROCUREMENT, INSTALLATION AND COMMISSIONING OF MARINE LOADING ARMS FOR NLNG / SAIPEM / DAEWOO

Gasontex / Kanon have started the commencement of marine loading arms installation for NLNG / Saipem / Daewoo.
Reference photographs of Kanon marine loading arm installations.



Marine loading arms at berth



Twin marine loading arm sets



Loading arms under installation



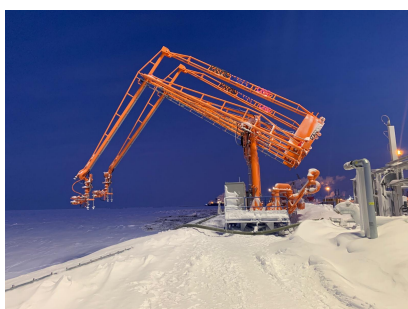
Multi-arm LNG loading platform



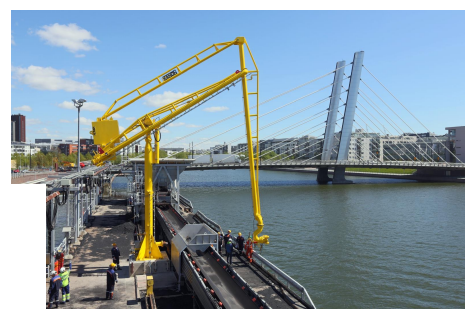
Loading arm swivel joint assembly



Loading arm walkway & structure



Loading arm in cold-climate service



Loading arm over conveyor terminal

SUPPLY AND INSTALLATION OF MARINE LOADING ARMS FOR NLNG / SAIPEM / DAEWOO

Reference photographs of Kanon marine loading arm installations.



Multi-colour Kanon loading arm array



Loading arm over harbour terminal



Twin loading arms on jetty platform

MAINTENANCE OF ELECTRICAL EQUIPMENT



Our Commitment

We execute our projects with world class approach using the state-of-the-art technology available, using a blend of Nigerian Surveyors, Engineers, and other Experts where the need arises.

All Equipment and Spares are procured from the manufacturers. We try our best to save time on manufacture/delivery by paying for all goods/services 100% in advance.

It is our culture to provide highest quality services based on accurate data acquired for precise, timely, cost effective project execution in conformity with client's specified deliverables and accurate requirements.

The company prides itself in originality and in operating to international standards. We operate a quality system along international guidelines. All our operations are guided by procedures and documented approach to operations to enforce Oil/Gas company HSE standards.

A key element of the success of Gasontex Limited since its formation, has been the practice of establishing close relationships with customers to the point where Gasontex Limited personnel function as part of the customers' team. We are therefore able to intimately understand the clients' needs and develop or source the best technology for the clients.

Our Partners (Foreign)



The Netherlands

- Marine Loading Arms
- Truck Loading Arms
- Swivel Joints
- Folding Stairs & Safety Cages



MEDOX

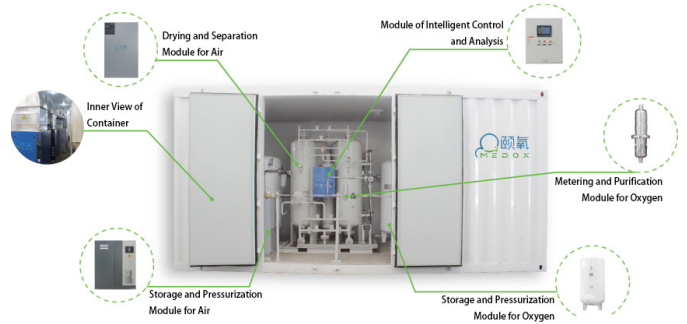
Hangzhou Medoxygen Technology Co., Ltd.

China

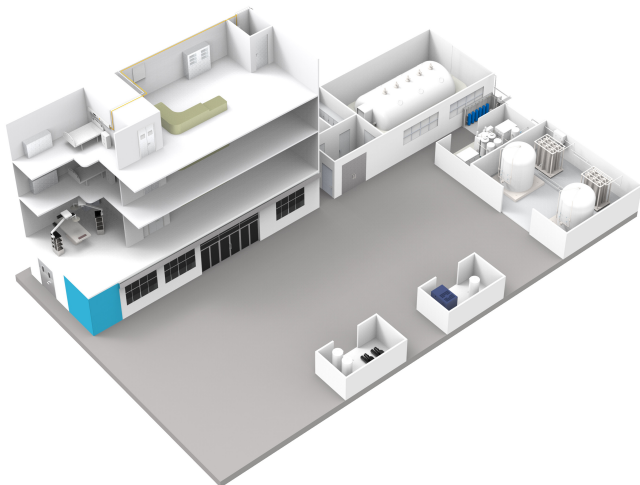
- Oxygen generation systems
- PSA & containerized gas plants
- Gas pipeline engineering



MO Series Oxygen Generator



Containerized & Skidded Module



Gas Pipeline System



Gas Storage Tanks



United Kingdom

- Steam related equipment
- Steam traps and steam problem solutions



Steam Trap



Steam Manifold



STAPS wireless steam trap monitoring solution

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J.B.SYSTEMS

United Kingdom

- Flame monitoring systems
- Hazardous area enclosures
- Index enclosure
- Socket outlet boxes



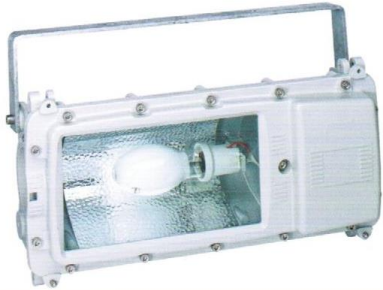
Flameproof enclosure



Honeywell flame rod



Iris 500



EExd FLOODLIGHTS
70 - 1000 WATT



EExd WELLGLASS LUMINAIRES
70 - 200 WATT



EExd SELF CONTAINED EMERGENCY LIGHTING WITH SELF TEST



EExd SINGLE OR TWIN CYLINDRICAL FLUORESCENT LUMINAIRES 18 - 58 WATT



EExe NORMAL & EMERGENCY FLUORESCENT LIGHTING
18 - 58 WATT



EExd FLASHING & ROTATING BEACONS



EExe SURFACE MOUNT & MOBILE PLUGS & SOCKETS
24 - 690V 16 - 25 AMP

EExd/e CABLE GLANDS
BRASS, NICKLE PLATED
OR STAINLESS STEEL



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France

- Boilers and combustion accessories
- Controls and instrumentation
- Fuel handling systems



Boiler Parts



Tubes and Pipes



France

- Boilers and steam generators
- Escalators
- Power generation
- Pollution control equipment
- Waste treatment equipment
- Project mechanical engineering

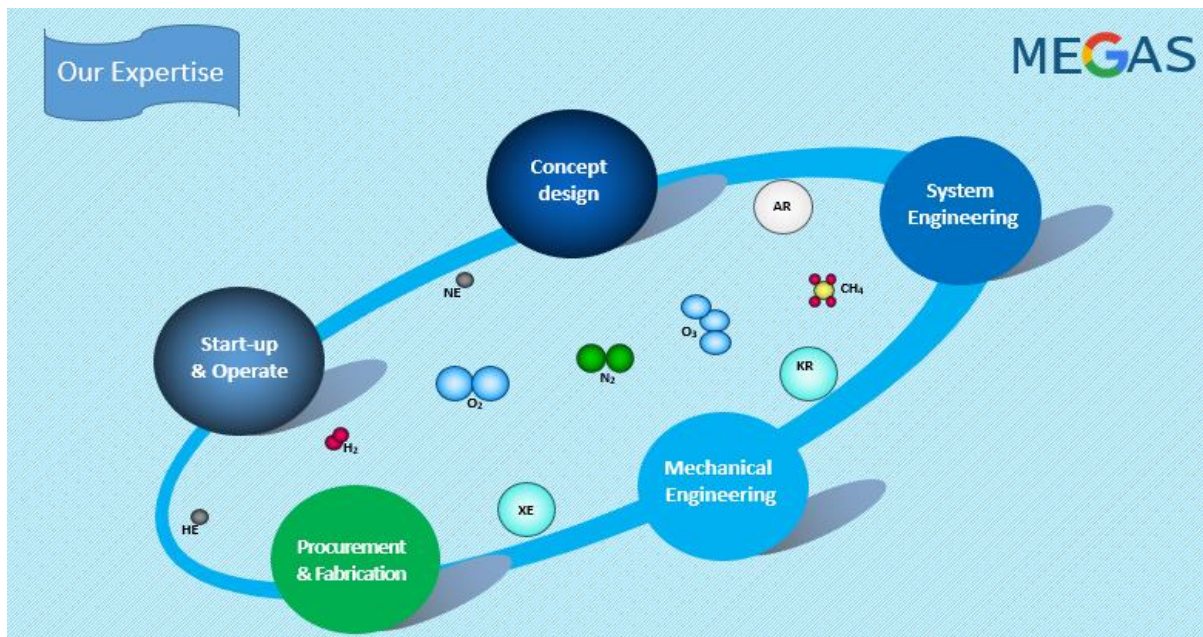


Steam boiler



Steam boiler tube panels

MEGAS (UK)



Medicinal Gas Equipment

MEGAS

The block displays three types of medicinal gas equipment: a large cryogenic plant, a PSA plant, and a membrane plant. Each is shown in a photograph with a caption below it.

Cryogenic plant
Oxygen 30-250 Nm³/h

PSA plant
GOX 3-50 Nm³/h

Membrane plant
GOX 5-60 Nm³/h
(Under commercialization)

We Design-Build-Finance-Operate the Mini Plant of Gas Sources for Our Clients.

Medicinal Gas
Equipment

MEGAS



The Mini Plant of Gas Sources: the inner structure

Workshop of
Manufacture

Left Workshop for PSA plant: 4-8 sets / month;
Right workshop for Cryo-Plant: 2-4 sets / month;

MEGAS



Our References

S/NO.	ACTIVITY DESCRIPTION	MANUFACTURER	USER	REMARKS
A	SUPPLY OF EQUIPMENT AND SPARES			
1	Marine loading arms	Kanon, Amsterdam	Port Harcourt Refining Company Ltd	
2	Truck loading arms	Kanon, Amsterdam	Port Harcourt Refining Company Ltd	
3	Boiler Parts	Babcock, France	Port Harcourt Refining Company Ltd	
4	Burners for boilers	Fives Pillard	Port Harcourt Refining Company Ltd	
5	Burners for heaters 10H01/02, 11H01/02, 12H01/02/03/04	Fives Pillard	Port Harcourt Refining Company Ltd	
6	Socket Weld steam traps ¾"×300, ½"×300	Spirax Sarco UK	Port Harcourt Refining Company Ltd	
7	Globe valves (Assorted)	Spirax Sarco UK	Port Harcourt Refining Company Ltd	
8	Flame Detector / Iris Eye 500	J.B. Systems Ltd, UK	Port Harcourt Refining Company Ltd	
9	Atx Feb 236 BUSA 2×36W E-Exe Normal/Emergency for Zone 1-2-3 fluorescent lighting	J.B. Systems Ltd, UK	Port Harcourt Refining Company Ltd	
10	Flame detectors Iris 500	J.B. Systems Ltd, UK	Kaduna Refining and Petro-chemicals Company Limited	
11	PLC-S7 for Nitrogen Plant	Medoxygen	Port Harcourt Refining Company Ltd	
12	Remote control cryogenic valves for Nitrogen plant	Medoxygen	Port Harcourt Refining Company Ltd	
13	Pilot ignition gun for 70BZP105/106, 70BBZP305/306, 70BZP405/406, Type RA 200-157, FM-MGFT 11287	Fives Pillard, France	Port Harcourt Refining Company Ltd	
14	New expansion turbines for Nitrogen plant	Medoxygen	Port Harcourt Refining Company Ltd	
15	Solenoid Valves and thermometer		Port Harcourt Refining Company Ltd	

S/NO.	ACTIVITY DESCRIPTION	MANUFACTURER	USER	REMARKS
16	Carbon steel pipes, schedule 40		Port Harcourt Refining Company Ltd	
17	Rotating equipment bearings		Port Harcourt Refining Company Ltd	
18	High energy portable igniter with spark plug etc	J.B. Systems UK	Port Harcourt Refining Company Ltd	
19	Igniter transformers Type 1815/ 230V	J.B. Systems UK	Port Harcourt Refining Company Ltd	
20	Pilot Flame Detectors with amplifiers, type R 4348B/1008	J.B. Systems UK	Port Harcourt Refining Company Ltd	
21	Electric heaters for 76DR01-EH01;55kw power	Medoxygen	Port Harcourt Refining Company Ltd	
22	Expansion turbines/ speed indicators	Medoxygen	PHRC	*
23	High pressure vapour bulbs		EPCL	*
24	Coveralls and jackets		KRPC	*
B	SUPPLY OF CHEMICALS			
1	Liquid Red Dye		Port Harcourt Refining Company Ltd, Warri Refinery	
2	Red Dye (Powder type)		Port Harcourt Refining Company Ltd	
3	Soda Ash (Sodium carbonate)		PHRC, WRPC, NAFCON	
4	Caustic soda (sodium hydroxide)		PHRC/ WRPC	
5	Mono ethanolamine (MEA)		PHRC/ WRPC	
C	REHABILITATION/ REPAIRS			
1	Expansion turbines for Nitrogen plant	Medoxygen	PHRC	
2	Electric heaters		PHRC	
3	Cleaning of tanks and oil spilled area of 5ITK04A/B, 5ITK05A/B, 5ITK06.		PHRC	*
D	MANPOWER DEVELOPMENT AND TRAINING	Trainer		
1	Training of engineers on steam leakage management and control	Spirax Sarco UK Gasontex Ltd	PHRC WRPC	
2	Training for Saipem / Daewoo engineers / operators for NLNG MLA's	Kanon Loading Equipment, Amsterdam / Gasontex Ltd	NLNG / Saipem / Daewoo	