

Chrome Group Leads Nigerian Content Development



Since 1994, the Chrome Group, a leading indigenous Oil and Gas service group has been operating successfully in Nigeria, and has achieved tremendous growth and diversification since its debut in the country's petroleum industry.

Over the 18 years of existence, the group has remained resolute in blazing the trail in indigenous participation in Nigeria's Oil and Gas industry, by undertaking projects hitherto exclusively reserved for foreign companies operating in the industry.

Long before the Nigerian Content policy began to gain ground in the nation's socio-political and economic consciousness, companies like the Chrome Group had demonstrated adequate competence and capacity in the execution of oil and gas projects, which gave the Federal Government of Nigeria the confidence to push for more indigenous involvement in the sector.

The purpose of the Nigerian Content Development, which became a law in 2010, is not only to enhance indigenous expertise through technology transfer, but also to increase the contribution of the Oil and Gas sector to the country's Gross Domestic Product (GDP).

The Chrome Group believes that the Nigerian Content programme of the Federal Government provides a huge opportunity for indigenous companies in the Oil and Gas sector, and has therefore placed Chrome in a pivotal role in assisting government to meet its aspirations in this regard.

The Chrome Group has executed its projects in line with global best practices and international safety practices through visionary leadership, robust relationship management strategy, hard work and discipline.

Sir Emeka Offor, the Executive Chairman of Chrome Group says, "We are strategically positioned to complement multinationals seeking business expansions or fresh opportunities in Africa, because we have a track record of successful and completed projects. We also possess intimate knowledge of the business environment, including the legal frameworks and regulations. Therefore, in the new dispensation where emphasis is increasingly placed on Nigerian Content for every unit of GDP growth, you have no better choice for partnership."

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CHROME MEMBER COMPANIES' EXPERTISE

The Chrome Group is witnessing a tremendous growth era, due principally to key strategic investments made in the recent past, and each member of the group is a specialist in its area of core competence and includes the following: Starcrest Nigeria Energy Limited and ERHC Energy - have working interests in

oil blocks in the Gulf of Guinea. These blocks are being operated by other companies and are at advanced stages of exploration and near production.

Chrome Oil Services - maintains refineries and petrochemical complexes.

Kaztec Engineering Limited - is an engineering, procurement and construction firm that specializes in pipeline construction and fabrication of structures for oil and gas exploration and production operations.

Chrome Consortium Energy - builds power transmission lines.

Kingsbury Trading Limited - engages in trading and supply of petroleum products such as PMS, DPK, AGO and a host of others.

International and strategic partnership

Chrome Oil Services has signed a Heads of Agreement with Addax Petroleum Corporation and the Korea Gas Corporation (KOGAS) to develop an LNG Plant and Gas Power Plant in Nigeria.

Chrome Group Milestones

PHRC Turn-Around Maintenance & Rehabilitation Projects

Turn-around Maintenance (TAM) of the Old and New Port Harcourt Refineries (PHRC) - done by Chrome Consortium with Chrome Oil Services as the leading partner.

The scope included static, rotary, electrical, instrumentation equipment and civil works.

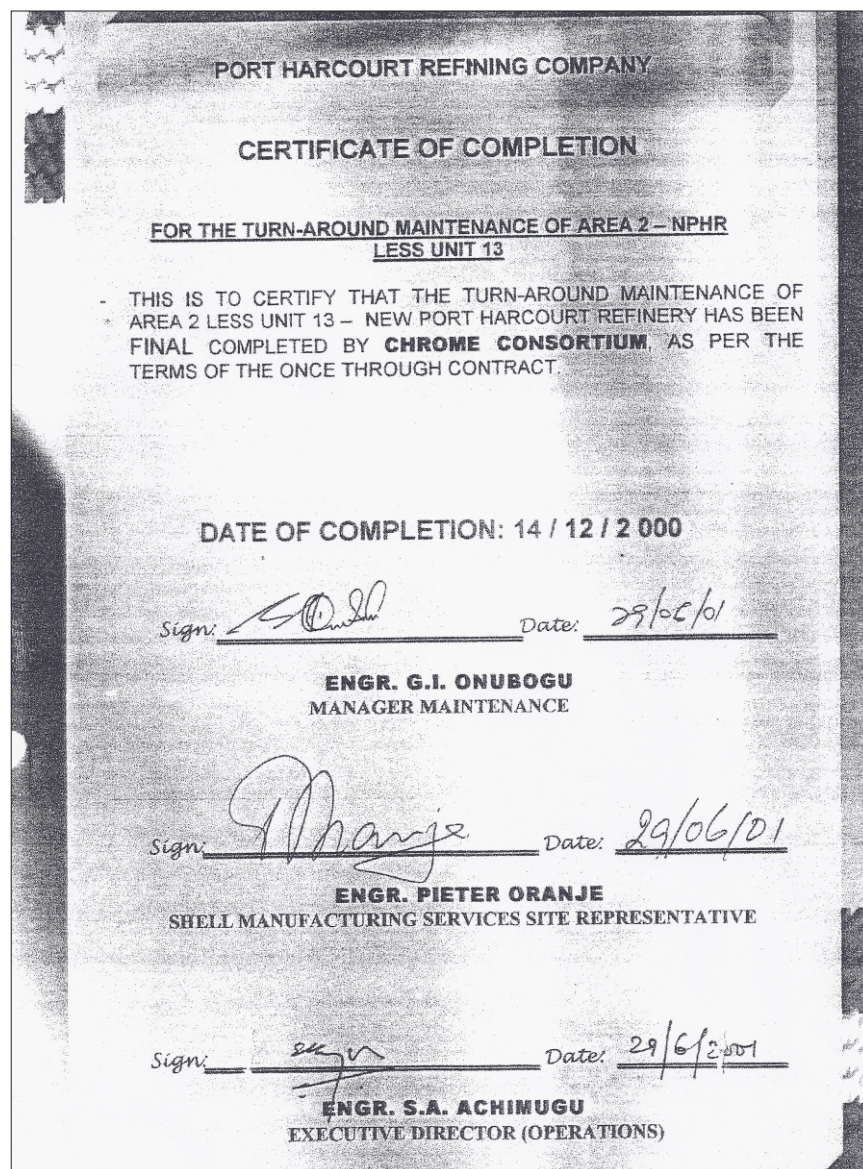
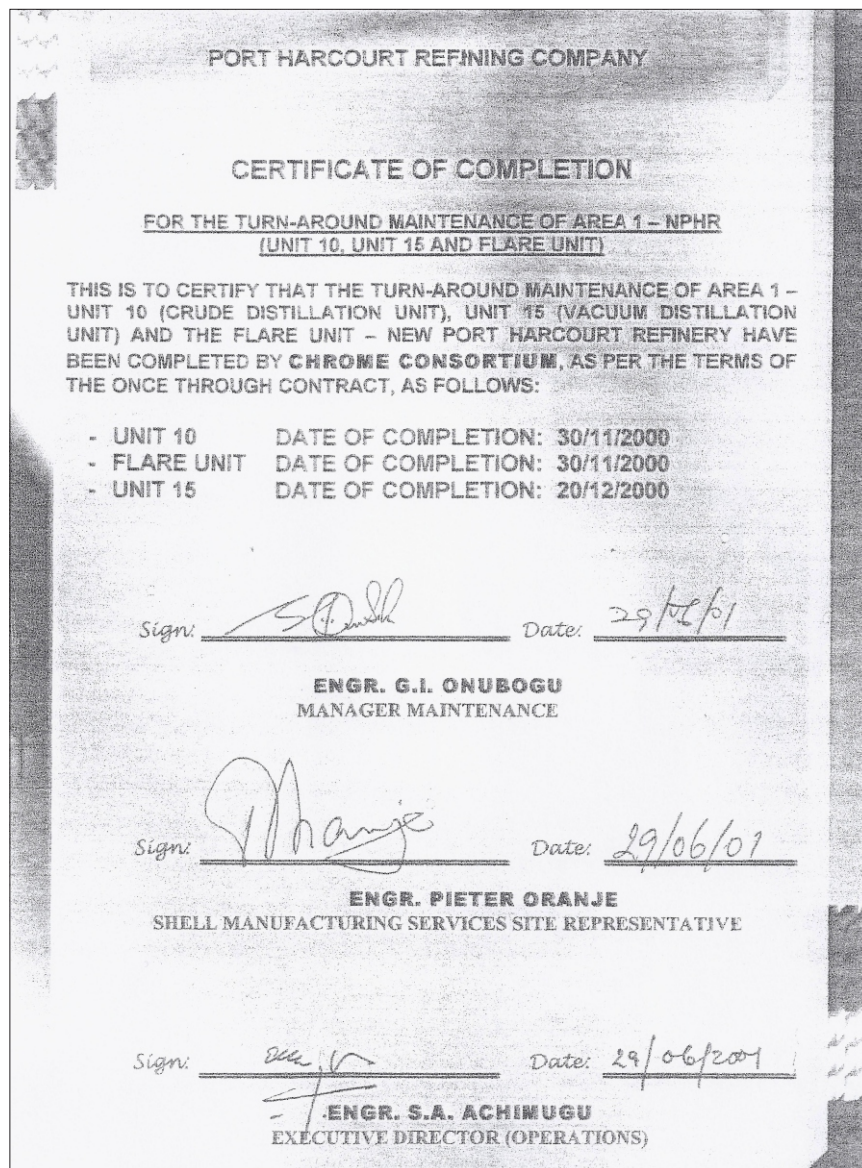
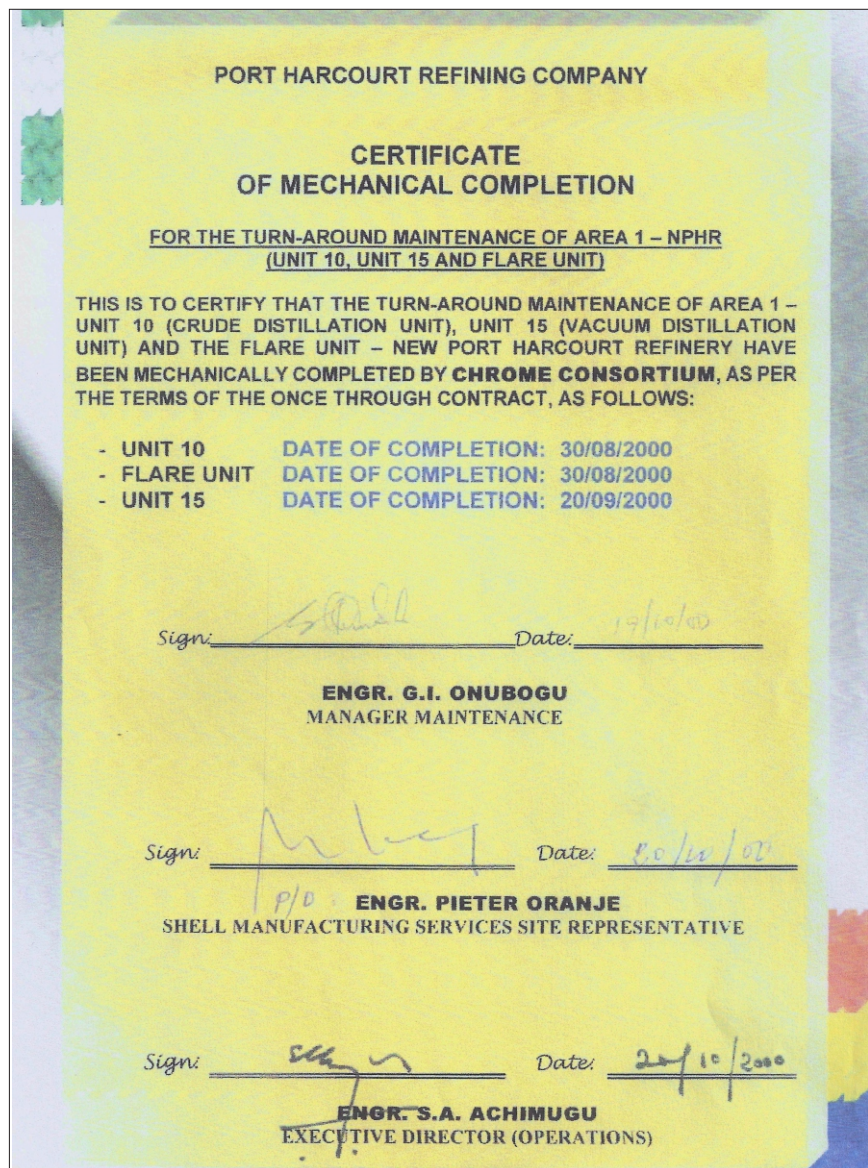
The TAM was completed in 2001, and valued at more than 100 million US Dollars.

Upon completion of the TAM, the then Group Executive Director(GED), Refining and Petrochemicals, Engr. M. Ahmed, commended the contractors led by Chrome consultants including Shell Manufacturing

Services and NNPC for the laudable achievements, because the old Refinery had been down for 10years without operations.

This is the first time that TAM was

successfully completed by an indigenous company as shown in the final discharge certificates below:



PORT HARCOURT REFINING COMPANY

CERTIFICATE OF COMPLETION

FOR THE TURN-AROUND MAINTENANCE OF AREA 3 – NPHR

THIS IS TO CERTIFY THAT THE TURN-AROUND MAINTENANCE OF AREA 3 – NEW PORT HARCOURT REFINERY HAS BEEN COMPLETED BY **CHROME CONSORTIUM**, AS PER THE TERMS OF THE ONCE THROUGH CONTRACT.

- UNIT 14 (GAZ CONCENTRATION UNIT)
- UNIT 17 (GAZ TREATING UNIT)
- UNIT 18 (MEROX UNIT)
- UNIT 16 (FLUID CATALYTIC CRACKING UNIT)

DATE OF COMPLETION: 14 / 05 / 2 001

Sign: [Signature] Date: 29/06/01

ENGR. G.I. ONUBOGU
MANAGER MAINTENANCE

Sign: [Signature] Date: 29/06/01

ENGR. PIETER ORANJE
SHELL MANUFACTURING SERVICES SITE REPRESENTATIVE

Sign: [Signature] Date: 29/06/2001

ENGR. S.A. ACHIMUGU
EXECUTIVE DIRECTOR (OPERATIONS)

PORT HARCOURT REFINING COMPANY

CERTIFICATE OF COMPLETION

FOR THE REHABILITATION OF AREA 5 (OPHR) DCS

THIS IS TO CERTIFY THAT THE REHABILITATION OF AREA 5 (OLD PORT HARCOURT REFINERY) DCS HAS BEEN SATISFACTORILY COMPLETED BY CHROME CONSORTIUM, AS PER THE TERMS OF THE ONCE THROUGH CONTRACT.

DATE OF COMPLETION: 25 / 7 / 99

CONCURRENCE

Sign: [Signature] Date: 15-11-99

ENGR. L. E. SOMIARI
MANAGER ENGINEERING & TECHNICAL SERVICES

SHELL MANUFACTURING SERVICES B. V.

Sign: [Signature] Date: 10.12.1999

ENGR. PIETER ORANJE
S. M. S. SITE REPRESENTATIVE

APPROVED

Sign: [Signature] Date: 10/12/99

ENGR. B. O. WILLIAMS
EXECUTIVE DIRECTOR (OPERATIONS)

PORT HARCOURT REFINING COMPANY, LTD
ALESA-ELEME

CERTIFICATE OF COMPLETION

This is to certify that Messrs. CHROME OIL SERVICES LIMITED of NO. 22 LOBITO CRESCENT ,WUSE II , PMB 9207 GARKI ,ABUJA, successfully completed the **FCC REPAIR WORKS INCLUDING BUT NOT LIMITED TO :-**

- **REACTOR(16R01) ,REGENERATOR(16R02)/ORIFICE CHAMBER(16D03)/STEAM DRUM(16D04)**
- **AIR GRID NOZZLES,CYCLONES,MAB HOUSING,REFRACTORY WORKS /FLUE GAS COOLER (16B01) ETC**

on 20th DECEMBER. 2008

Sign: [Signature]
O.A JIMOH-OWA
Job Officer

Sign: [Signature]
ENGR. S.O. IDEMUDIA
EXECUTIVE DIRECTOR OPERATIONS.

Sign: [Signature]
ENGR. S.B. ABDULLAHI
MANAGING DIRECTOR

PORT HARCOURT REFINING COMPANY, LTD
ALESA-ELEME

Certificate of Completion

This is to certify that Messrs. CHROME OIL SERVICES LTD has successfully completed the **INATALLATION OF ADDITION FOUR HUNDRED (400) PIECES OF AIR DISTRIBUTOR NOZZLES IN THE FCCU REGENERATOR, 16R02** on 16th December 2009 based on Contract No. **CS/1785/MM/09** dated 15th December 2009.

Sign: [Signature]
O. A. JIMOH-OWA
Job Officer

Sign: [Signature]
F. A. OKOROSA
Supt. Process Area 3

Sign: [Signature]
ENGR. A. RABEH
Project Leader

More Group Milestones

ESCRAVOS - Fire Fighting Rehabilitation Projects

Engineering Procurement and Construction (EPC) project for civil, mechanical, electrical and instrumentation works for the replacement of fire water pumps (Diesel and Electrical), New Basin chamber and Water Catchment at Fire Water Station; New Portable Water Facilities (borehole, water treatment unit, water storage tank, piping/electrical/instrument connections, etc.)

Import Berth Platform (offshore Escravos Area) – Rehabilitation of Topside Structure

EPC project for rehabilitation of structure on bottom (including boat landing), seller and main decks, Replacement of IBP Marine Crane

Import Berth Platform (offshore Escravos Area) – Fire Fighting Rehabilitation Project

EPC project for civil, mechanical, electrical

and instrumentation works for the replacement of fire water pumps (diesel and electrical)

Import Berth Platform (offshore Escravos Area) – Rehabilitation of Gas Metering Facilities

EPC project replacement of instruments and related piping

Warri – Jetty Rehabilitation Project

EPC project for rehabilitation civil works of Cargo and Product Berths, drainage, roads, and shoreline, etc

PHRC – Rehabilitation Projects

The scope of works undertaken by Chrome Consortium (where Chrome Oil Services is the lead partner) is for the completion of separate projects as follows: replacement of diesel and fuel pumps 52P11A; replacement of old marketing area separator effluent pumps; third demin train and additional demineralization tank; additional raw water tank and associated

facilities; back-up initiation for remote operated valves; replacement of crude and fuel oil metering system, rehabilitation of obsolete laboratory equipment and rehabilitation of sanitary system.

PHRC – Maintenance Jobs

Chrome Oil Services was mobilized in PHRC and performed jobs (many of them on emergency basis) whenever requested. Pressure test and replacement of Air Fin Coolers in VDU – hydrotesting of 16A03 and 14A08 Bundles in Area 3 (FCC Unit); transportation of 250 ton Link Belt Crane to /from site, provision of Crane for Replacement of 15A03 bundles (in VDU), etc.

EPC Adanga-Calabar 107 kilometer, 24" Gas Transmission Pipeline and Metering Station Project

The scope of work includes detailed engineering design leading to onshore/offshore pipeline construction (107 kilometers in length), metering station construction, pig traps (launcher/receiver), riser, design/installation, commissioning and training of client personnel, etc.

Project is ongoing, and placement of order for the procurement of all lead items: 24" line pipes, valves/fittings and metering station process equipment have been made and delivery and installation scheduled from October 2009. This project is worth 156 million US Dollars.

We are strategically positioned to complement multinationals seeking business expansions or fresh opportunities in Africa, because we have a track record of successful and completed projects. We also possess intimate knowledge of the business environment, including the legal frameworks and regulations.





Kaztec Engineering At Seven

Among the member companies, Kaztec Engineering Limited is the fastest growing and has set new records by any indigenous company in oil and gas services.

By June Kaztec, which was established in 2005, will be marking seven years of offering quality engineering, procurement, construction installation, and commissioning, (EPCIC) services in the petroleum industry.

Kaztec has successfully completed projects and sub projects in recent years and has developed a track record for onshore and offshore construction services.

Speaking on Kaztec's astronomical growth in the industry, Sir Emeka Ofor, the Chrome Group Chairman believes that the secret to success in the oil and gas sector lies in the ability to deliver products in a safe, suitable, cost efficient and timely manner.

"These factors are universally preferred. We created an indigenous company specializing in oil and gas services in Nigeria at a time when Nigerian Content was in its infancy. Our vision is to create an indigenous EPC capability, covering both onshore and offshore where few other indigenous companies ventured. This vision I believe is dynamic, and will continue to grow to encompass new capabilities leading the company to become a major player in the West African Oil and Gas industry."

ONGOING KAZTEC PROJECTS

In the 2nd quarter of 2007, KAZTEC was

awarded a 24 inch X 107 kilometer Calabar to Adanga Pipeline EPC contract.

Again in the 3rd quarter of 2009, it was awarded another contract – Pipeline Integrity Assessment and Metering Station Rehabilitation and Upgrade/Expansion of Metering Facilities.

In the 1st quarter of 2010, Kaztec won another contract – TB: 1921 Call Off contract for the Installation of Subsea Pipelines and Topsides for Addax Petroleum Development Company Ltd.

These projects are all on-going and have reached advanced levels of completion.

As a matter of fact, the Pipeline Integrity Assessment and Metering Station Rehabilitation and Upgrade/Expansion of Metering Facilities will be completed by April 2012.

In the TB: 1921 contract for instance, which we are executing for Addax, Kaztec is currently in the 3rd phase of a 3 year major pipeline installation / topsides setting and tie-in program.

KAZTEC ASSETS

To facilitate and enhance its projects Kaztec has been able to put together a first class Procurement and Construction organization, with procurement offices in Lagos and Dubai, the United Arab Emirates (UAE).

The Procurement offices are experienced in provision of equipment and materials for construction operations, barge supplies for pipe-lay and lifting operations.

Kaztec has also acquired assets that are fit-for-purpose such as DLB Ekulo Cheyenne with 800 tonnes fixed Manitowoc Crane, capable of meeting a good percentage of lifting needs in the

West African sub-region, in addition to pipe lay capability.

Kaztec also provides a turnkey EPC capability with emphasis on project management and engineered installed solutions. It provides all the components of EPC contracting, but the value is often defined by the engineering to reduce the time and cost of the offshore construction. Kaztec's offshore capabilities include the Ekulo Cheyenne DLB, the Ekulo Tornado DSV and associated support vessels. Sir Emeka Ofor says the fleet will continue to expand to meet the needs of the clients.

He adds that the whole aim of the rapid expansion is to equip Nigerians with the requisite competences, to be able to export technology and services to other African countries and regions in the near future, in line with Federal Government's Nigerian Content aspirations.

Our vision is to create an indigenous EPC capability, covering both onshore and offshore where few other indigenous companies ventured.

Chrome
G R O U P
A Nigerian company with global perspective

www.thechromegroup.net