## **CORPORATE PROFILE**



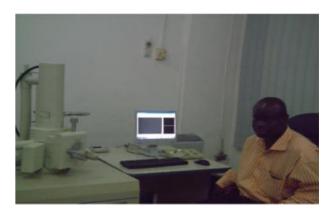


TURRET ENGINEERING SERVICES LTD. Rc. 395030

1 Akwaka Rd, Ohia-Iru Layout
By Deeper Life Church, Ramunodomaya, Port Harcourt,
P. O. Box 312, UNIPORT
Choba, Rivers State
Tel: 12348030854206, 12348051088354

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Turret Staff welding the centre deck of PHRC External Floating roof Tank 52-TK-03A

**Turret Airless Spraying Machine** 



Turret 12MT Tank Bygging Jacks & Connecting Hoses

Turret Bygging Tank Jack Power Pack & Sand Pot



Turret 400 amp Ador Welding Machines & Power Control Pannel

**Turret 400CFM Sullair Compressor** 

RC:395030 AFFAIRS COMMISSION Certificate of Incorporation I HEREBY CERTIFY that is this day Incorporated under the COMPANIES AND ALLIED MATTERS ACT 1990 and that the Company is Limited by Shares Given under my hand at Abuja this..... NOVEMBER. Two Thousand

Fees and Deed Stamps ≥ 5,100,00K
Stamp Duty on Capital ≥ 1,250,00K

R.O. NWOSH(MPS)

or: Registrar-Gener



## FEDERAL REPUBLIC OF NIGERIA PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

## **MAJOR CATEGORY**

		PERMI	[ NO: ]	DPR/OGISP/15/2777195/N	122797
This Perm	it is hereby gr	anted to			
	TURRET I	ENGINEERI	IG SE	RVICES LTD	
76 98					
of No.:	5, Estate Ro	ad, Rumuogb	a, Off	Old Aba Road,	
Por	t Harcourt,	Rivers, Niger	ia		
ONSHO	RE PIPELINE		ILITY	Category listed hereunder MAINTENANCE	5.
	DESTRUCTIVE T		_		
This Perm	it expires on t	the	Augus	st 5, 2016	
Fee Paid:	N± 25	,000.00			
Dated	5th	day of	Augu	20 15	
				Director of Petroleum Re	COLINAGA



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992

# The Council for the 002710 Regulation of Engineering in Nigeria

This is to certify that

Alexander Nwachukuru Okpala

has been duly Registered by the Council for the Regulation of Engineering in Nigeria, and is hereby authorised to practise within the Federal Republic of Nigeria as

Motallurgical Engineer (R.T.135)

and to use before his/her name the designation

ENGR.

Dated 24th

- day of June

REGISTRAR

**PRESIDENT** 

Aposile

This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

### **COMPANY PRESENTATION**

**NAME OF COMPANY:** TURRET ENGINEERING SERVICES LTD

**CORPORATE OFFICE:** 5, ESTATE ROAD, RUMUOGBA,

PORT HARCOURT, RIVERS STATE

**FABRICATION YARD**: NO.3, EZE WOKE LANE, OFF EAST-WEST

ROAD BY COOL FM, RUMUOSI, OBIO/AKPOR LGA, RIVERS STATE

**TELEPHONE:** +234 8030854206

+234 8051088354

**E-MAIL:** turreteng@gmail.com

info@turretengineering.com.ng

WEB SITE: www.turretengineering.com.ng

#### TYPE OF BUSINESS ENTITY:

LIMITED LIABILITY COMPANY

• INCORPORATED IN NIGERIA ON THE 9<sup>TH</sup> OF NOVEMBER, 2000

#### **BANKERS:**

UBA PLC,
 202, OLU OBASANJO RD,
 PORT HARCOURT, RIVERS STATE.

DIAMOND BANK PLC,
 145, ABA ROAD, PORT HARCOURT

FIRST BANK OF NIGERIA
 PLC, ELIOZU BRANCH,
 PORT HARCOURT, RIVERS STATE

#### 2.0 CORPORATE BRIEFS

Turret Engineering Services limited is an indigenous company that performs Engineering, Construction and Procurement Services to the Oil and Gas, Chemical, Marine, Manufacturing and Agro-Allied Industries.

Turret Engineering Services limited is highly committed to the actualization of the design concepts expressed on paper to the real world. We maintain and express high level of professional standards in any of our design, construction or procurement activities.

Turret Engineering Services is the Nigerian Representative of Ateco Tank Technology Engineering Company Ltd, Turkey, manufacturers of best quality Internal and external Floating Roofs, Loading Arms & other tank farm related components.

Turret Engineering Services limited can guarantee to execute her projects to timely and qualitative completion in the highest possible and cost effective manner to meet our clients' specification.

Turret Engineering Services limited has studied community affairs problem as relating to abandoning of execution of projects and put in place a Good Community Affairs Safety Health and Environmental Security [CASHES] policy to enhance our successful project execution and completion, where most contractors may withdraw their services because of apparent community problems.

We have in our group, a team of capable and experienced managers, engineers and technicians drawn from various disciplines.

#### 3.0 MISSION STATEMENT

Turret Engineering Services Limited is to render a qualitative engineering, construction and procurement services to meet the highly technological support services require by the Oil and Gas, Chemical, Marine, Manufacturing and Agro-Allied Industries.

In carrying out the above-mentioned services, we shall maintain:

- Good working relationship with our clients, suppliers and host communities to help improve the standard of living and quality of life.
- Using the available current technology in execution of projects for our clients in a cost saving manner.
- That all personnel involve in carrying out our project activities, work under good and safety environment.

#### 4.0 STRATEGIC PLANNING

Turret Engineering Services Limited as an indigenous Engineering Servicing Company will constantly abide by her mission statement by applying the following steps in her strategic planning.

- Establishing accurate controls in administration and operations.
- Translating her plans into action and qualitative review(s)
- Analyzing her competitions in the market constantly.
- Analyzing her marketing.
- Setting goals and objectives for the different divisions.
- Constantly accessing her strength and weakness.

#### 5.0 PRINCIPLES

Turret Engineering Services Limited aims at executing all her projects in a qualitative manner and timely completion that meets her client specifications.

To assure the continued success of Turret Engineering Services Limited and maintain our competitive position, there are six operational principles or policies that we believe must be followed and fully developed.

- 1. Put the right people in the right place
- 2. Train everyone for the job to be done
- 3. Make the organization as co-coordinated team
- 4. Supply the right tools at the right conditions
- 5. Give security with opportunity, Incentive, Recognition
- 6. Look ahead, plan for more and better services to our Client.

Following and developing these principles will help us to accomplish our objectives and enable Turret Engineering Services Limited to execute "more and better projects for more Clients".

#### 6.0 OUR SERVICES

The services we render include the following:

- Design and Fabrication of Petroleum product storage tanks.
- Design and Installation of Petroleum product loading gantry
- Design of Tank farms.
- Installation of Internal Floating Roofs.
- Installation of tank seals (for Internal & External Floating Roofs )
- Pipeline Integrity Survey.
- Supervision of Engineering projects
- Non -Destructive Test (NDT)
- Blasting and Coating Services
- Corrosion Control and Training
- Design and Installation of Cathodic protection Systems
- Inspection and Maintenance of transformer rectifier units.
- Plant Installation and Servicing
- Installation/Maintenance of Pumps and Valves
- EPC of Pipelines
- Leak Repairs in Pipelines
- Positive Material Identification (PMI)
- In-situ Metallurgy and Replica taking
- Failure, Root cause Analysis
- Fabrication of Cutting skips

#### TANK DESIGN, ERECTION/WELDING AND CLEANING

TURRET ENGINEERING SERVICES LIMITED Designs, Erect/ Fabricates Petroleum product Storage tanks in consonance with the requirements of API 620, API 650, API 653 and BS 799-5:1987 .We also removes debris resulting from Corrosion products and/or fouling matter from crude/leaded tanks. Based on related experience, we provide sand or grit blasting and ancillary jobs on various structures. We can recoat such structures at the request of our client.

#### NON DESTRUCTIVE TESTING

In addition to visual inspection, we provide the following major non-destructive testing (NDT) in the code of practice.

- 1. Radiography Testing
- 2. Magnetic Particle Testing
- 3. Ultrasonic Testing

- 4. Penetrants (dye & fluorescent) Testing
- 5. Vacuum Box Testing

You can confide in the expertise and experience of the Personnel retained in this section not only to carry out the tests but also give intelligent interpretation of results using accurate and reliable procedure to meet international standard of reporting.

A qualified and experienced field services team performs Ultrasonic Flaw Detection, Magnetic Particle and Liquid Dye Penetrant Testing, Ultrasonic Thickness Gauging Survey, Ferrite Measurement, Storage/Sphere Tank Inspection and on-site portable Hardness Testing. Residual Life Assessment (RLA) of boilers and pressure vessels. Field service Metallography and structural inspection are also offered. On-site Visual Inspection Services including Dimension Verification is also performed. Our experienced and skilled personnel are respected for their integrity and recognized by relevant inspection authorities. On a contract basis, we can easily deploy a proficient engineering and NDT team at your offshore locations.

#### **FAILURE ANALYSIS**

TURRET has the capacity to carry out failure analysis on boilers and pressure vessels, gas turbine engine components, oil and gas transmission pipelines, food processing equipments, heat exchangers, medical supplies, refineries, petrochemical plants, aircraft/aerospace, offshore structures, industrial machinery, weldments and ships. The failure analysis team's strength is in evaluating high temperature and high pressure failures. Cause of failure is determined using state-of-the-art analytical and mechanical procedures and often includes simulated service testing. A combination of analysis and physical testing locates problems and provides recommendations for solutions. The team has access to the complete range of testing facilities including access to optical microscopes, scanning electron microscopes equipped with Energy Dispersive Spectrometry (EDS), microstructure analysis software and photographic instruments.

#### **METALLOGRAPHY**

Our qualified metallurgists are experts in Metallographic preparation & examination to evaluate the characteristics of metals. They can access a material's heat treatment condition, microstructure, and forming process. The team undertakes Macro and Micro examination including Weld Examination, Case Depth and Decarburization Measurement. Micro Hardness Testing and Coating/Plating evaluation is also undertaken. Our partners have the state-of the-art Inverted Metallurgical Microscope Olympus GX51 and the Leco 500 Microscope with an Image Analysis System. The team has in-house developed

microstructure characterizer software that assists with the analysis of images to determine the micro structural degradation due to creep. The software can also calculate the graphitization, depth or width of decarburization, phase/volume percentage, grain growth, inclusion rating, particle size, volume percentage, particle count, porosity and coating thickness.

#### **IN-SITU METALLOGRAPHY**

Performed as an NDT service, In-Situ Metallography from TURRET determines in-service degradation of critical components of process plants operating under high temperature, high pressure or corrosive atmosphere. TURRET's Metallurgists have strong experience in the interpretation of microstructures. The databases available to TURRET also include rare collections of varying microstructure damage levels for various industries such as power, oil and gas, petrochemical, fertilizers, and other process industries. The In-Situ Metallography team is highly skilled in the art of replica preparation. TURRET has custom developed special purpose in-situ polishing devices which assist to enable metallographic polishing in diffi cult locations and allows the field services team to carry out high quality replication even on warm components. The team has In-Situ Metallography equipment that include portable rough grinder with self-adhesive papers, portable microscope capable up to 400x magnification and replica kits with plastic based slides for replica preservation.

#### **CORROSION TESTING**

A wide variety of corrosion related tests are undertaken at Turret Engineering Services to determine weight loss corrosion, inter-granular attack as per ASTM A262 (A-F), pitting corrosion as per ASTM G48, Ammonia Vapor Test as per ASTM A761, Salt Spray Test is as per ASTM B117 and Chloride Stress Corrosion Test as per ASTM G36. TURRET also conducts tests as per ASTM G35. Our Sour Service Corrosion Testing department undertakes Small Scale Tests and Full Ring Testing for SSCC (NACE TM 0177, EFC 16 and 17) and HIC (NACE TM 0284). The range of instruments available to perform these tests in unrivalled in our operating regions. Highly experienced and qualified engineers within the group routinely undertake corrosion studies to include all observations as per NACE MR 0175.

#### **MECHANICAL TESTING**

Turret Engineering Services offers an impressive range of mechanical testing services accredited to ISO 17025 quality standards. The testing is performed as per ASTM, BS, DIN, NACE, IS standards as well as per client-provided specifications. The Mechanical Testing Facility provides precise determination of Proof Stress by the attachment of various electronic controls and extensometers. Testing temperatures range from 50°C to 850°C and beyond for particularly high temperature applications. The Mechanical Testing department at TURRET performs a range of Impact tests, including Izod and Charpy testing from 100°C to -196°C. The following are also available: Welder Qualification, Bend Tests, Compression Tests, Flaring and Flattening Tests, Hardness Testing (Rockwell, Brinell, and Superficial Micro Hardness), Nick Break, Drop Weight, Proof Load, Hydraulic / Pneumatic Test, Component Testing, and more.

#### POSITIVE MATERIAL IDENTIFICATION

Turret'S on-site inspection and testing team have sophisticated Portable Alloy Analyzer Spectrometers which can non-destructively and accurately measure the chemical composition of materials. Turret Engineering's Positive Material Identification service is fast becoming an integral part of process safety management in the petroleum refining, petrochemical and electric power generation industries. Using portable alloy analyzer spectrometers, Turret'S engineers can provide elemental identification and quantitative determination without regard to form, size and shape. No samples need to be cut for PMI. The Turret Engineering Services PMI division has expert engineering and inspection personnel to undertake incoming material inspection and can provide on-site alloy verification for Quality Control and Stock control purposes.

The PMI Services Team has Portable X-Ray Florescence (XRF) based instruments including X-Met 3000TX and PMI Master PRO, a portable arc/spark spectrometer capable of measuring the carbon content of materials.

#### **CATHODIC PROTECTION SERVICES**

At the request of our client, TURRET ENGINEERING SERVICES LIMITED can design an effective maintenance program for various types of Cathodic systems. Such maintenance services could include provision of well-qualified and experienced personnel to carry out maintenance work.

Our activities for structures and facilities include the following services:

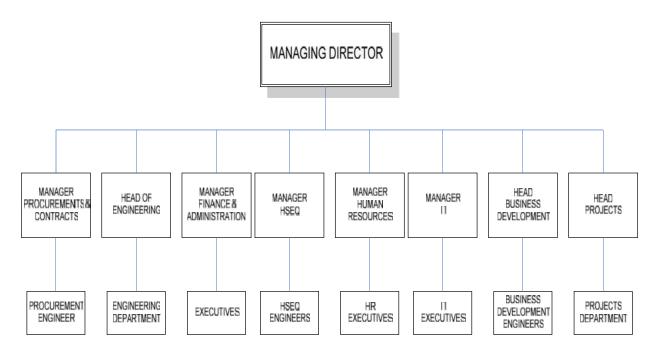
- \* Site survey
- \* Design & Engineering
- \* Installation
- \* Supervision
- \* Start up & commissioning
- \* Fault Location (Trouble shooting)
- \* Monitoring/surveillance
- \* Maintenance
- \* Failure analysis
- \* Remote monitoring

#### **FABRICATION**

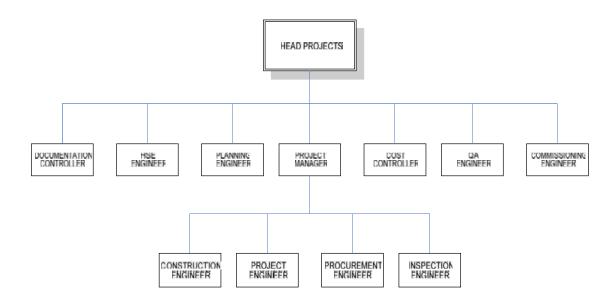
- \*Overhead shop cranes with 40 ton lift capabilities.
- \*Spool piping
- \*Production skids
- \*Manifolds
- \*Structural items including small decks and boat landings
- \*Pipe racks, walkways, stairways, access platforms.

#### 7.0 <u>COMPANY ORGANIZATION CHART</u>

#### **CORPORATE STRUCTURE**



#### PROJECT GROUP STRUCTURE



#### 8.0 KEY PERSONNEL

S/N	NAME	QUALIFICATION	DESIGNATION
1	Engr Dr Alex N. Okpala	B.Eng(Met & Mat Engg), M.Eng( Corrosion Engg), PhD(Mechanical Engg), MNSE, COREN Regd, MNACE, ASNT II-UT & MT	Managing Director/ CEO
2	Cyril Omelogu	B.Eng Mech Engineering, MNSE	Operation Manager
	Anthony Ovakporaye	B.Eng Mech Engineering, MNSE	Project Manager
3	Engr Sam Aneme	B.Eng(Met & Mat Engg), M.Eng( Production Engg), MNSE, COREN Regd, MNACE,	General Manager ( Mechanical)
4	Engr Dr R.Uhumuwangho	B.Sc, M.Tech, PhD (Elect/ Elect), MNSE, COREN Regd	General Manager (Electrical /Instrumentation)
5	Engr Ekanem Etukafia	B.Eng (Mech. Engg),	Project Manager
6	Calmday Kenneth	B.Eng (Mechanical Engg)	QA/QC
7	Mrs E. C. Oputa	AIB, B.Sc (Pers. Admin)	Admin/ Finance Mgr
8	Mrs I.M. Okpala	B.Sc (Marketing), PGDE, MED	Company Secretary
9	Engr B. Yokor	B.Sc, M.Eng (Environmental Engg), MNSE	Field Engr
10	Felix Egbe	OND ( Mech Engg)	Mechanical Supervisor
11	Lucky Izu	B.Eng ( Civil Engg)	Civil Supervisor
12	Nwachinemere Ojebe	OND ( Mech Engg)	Internal Floating & Seal Instl. Supervisor
13	Ben Olunna	B.Eng ( Agric/ Envir Engg)	Internal Floating & Seal Instl. Supervisor
14	Michael Adibeli	B.Eng ( Electrical Engg)	Electrical Project Engieer
15	Chika Ofuzor	B.Sc Ind. Chemistry & Dip in Welding	Project Coordinator
16	Charles Uwadia	B.Sc (Geog) HSE Cert	HSE Manager
17	Lucky Moses	Dip in Electrical Engg	Electrical Supervisor
18	Sunday Etukafia	B.Eng ( Agric/ Envir Engg)	Logistics Officer
19	Taiwo Ofi	B.Sc ( Buss Admin)	Purchasing Officer
20	Joy Oji	OND ( Buss Admin)	Office Executive

#### 9.0 SUMMARY OF JOBS DONE TO DATE

S/N	SERVICES	CLIENT	DATE
1	Installation Of Internal Floating Roofs For Two 26.5m Diameter Tanks	Lutech Engineering, Liberia	April-May 2016
2	Design of A 600,000 Metric Tons Tank Farm Consisting Internal Floating Roofs & Two Fixed Roofs, Interconnecting Piping, Pumps, Loading Arms, Metering Sytem & Fire Fighting System At Uyenghe, Ibeno Lga, Akwa Ibom State.	Delmar Petroleum Company Ltd	April 2016- Date
3	Design of A 600,000 Metric Tons Tank Farm Consisting Internal Floating Roofs & Two Fixed Roofs, Interconnecting Piping, Pumps, Loading Arms, Metering Sytem & Fire Fight System At Lekki Free Trade Zone		Dec. 2013- March 2014
4	Rehabilitation Of PHRC FCC Gasoline Tank 5 03A & Interconnecting Piping [External Floating Roof]	Port Harcourt Refining Company Ltd, Alese, Eleme	Sept. 2013- April 2014
5	Construction of 43,834 Metric Ton Tank Farm Consisting Two Internal Floating Roofs & Two Fixed Roofs, Interconnecting Piping, Pumps, Loading Arms, Metering Sytem & Fire Fighting System	Pinnacle , Oil & Gas Ltd, Ifie, Warri	April 2013- August 2014
6		Synod Petroleum Ltd Tank Farm, Ifie, Warri	April 2013- August 2014
7	Construction of 34,040 Metric Ton Tank Farm Consisting Two Internal Floating Roofs & Two Fixed Roofs, Interconnecting Piping, Pumps, Loading Arms, Metering Sy & Fire Fighting System	Lanaka Petroleum Ltd Tank Farm, Ifie, Warri	April 2013- August 2014
8	Positive Material Identification (PMI) of Sea Eagle: Material of Construction Validation Project	SPDC	August 2015
9	Positive Material Identification (PMI) of Bonga: Material of Construction Validation Project	SNEPCO	Dec 2014- March 2015
10	DESIGN OF DELMAR TANK FARM EXPANSION PROJECT IWOFE PHC	Delmar Petroleum Company Ltd Port Harcourt	AUG 2014- DATE
11	INTEGRITY CHECK ON LPG STORAGE TANK 52-TK-51A	Port Harcourt Refining Company Ltd, Alese, Eleme	JUL 2013

12	CONSTRUCTION OF 2 X 10,000 BBL CRUDE STORAGE TANKS	ENERGIA/ OANDO JV FS AT EBENDO( Turret worked with Bracon)	SEPT 2012 AUG. 2013
13	FAILURE ANALYSIS OF STEAM BOILER 4 (70B04) TUBES	Port Harcourt Refining Company Ltd, Alese, Eleme	SEPT 2011- NOV. 2011
14	DESIGN & CONSTRUCTION OF A 2 X 30,000BBL TANK FARM FOR ENERGIA/ OANDO JV IN EBENDO. ( DESIGN COMPLETED AWAITING CONSTRUCTION)	BRACON CONSTRUCTION NIG LTD, PORT HARCOURT.	SEPT 2012- DATE
15	REHABILITATION OF FCC LIGHT CYCLE OIL STORAGE TANK 52-TK-06A	Port Harcourt Refining Company Ltd, Alese, Eleme	JUN 2011- DEC. 2011
16	FABRICATION, ERECTION, INSPECTION, & FLUSHING OF FIRE WATER PIPELINE	United Oil Production Systems Ltd, Okuwibome FS, Kwale, Delta (Turret worked with PIEW)	Aug 2010
17	INSITU-METALLOGRAPHY OF CRU (12H02) & NHU(11H01) TUBES IN PORT HARCOURT REFINERY	Port Harcourt Refining Company Ltd, Alese, Eleme	JUL 2010- SEPT 2010
18	INSITU-METALLOGRAPHY & FERRITE COUNT EVALUATION OF SCALLOPS &	Port Harcourt Refining Company Ltd, Alese, Eleme	JUL 2010- SEPT 2010
19	INSITU- METALLOGRAPHY & RLA OF NHU REACTOR FEED HEATERS	Warri Petrochemicals & Refining Company, Warri	Feb 2010- MAY 2010
20	INSITU- METALLOGRAPHY & RLA OF CRUDE CHARGE HEATERS (10 H01)	Port Harcourt Refining Company Ltd, Alese, Eleme	Dec 2009- Feb 2010
21	FAILURE ANALYSIS OF VDU HEATER TUBES (15 H01)	Port Harcourt Refining Company Ltd, Alese, Eleme	Oct 2009- Dec 2009
22	DESIGN OF 10 NOS 10MILLION LITERS TANK, AT RUMOLUMENI	Kingsbury Trading Ltd,22, Lobito Creasent, Wuse II, Abuja	Dec 2007
23	DESIGN OF 7 NOS 10MILLION LITRES TANK FARM AT EFZ CALABAR	Creek Field Energies Ltd, Lagos	August 2008
24	FAILURE ANALYSIS OF PIPING & FITTING IN OLEFINS PLANT	Indorama Eleme Petrochemical Company	Feb 2008- May 2008
25	FABRICATION AND ERECTION OF 70KL SLOP PRESSURE TANK(API 620)	Indorama Eleme Petrochemical Company	Oct 2007- Feb 2008
26	DESIGN OF 70KL SLOP PRESSURE TANK(API 620)	Indorama Eleme Petrochemical Company Ltd Port Harcourt	May 2007

27	NDT OF DELMAR EAGLE, A PRODUCT VESSEL	Delmar Petroleum Company Ltd Port Harcourt	Dec 2007
28	NDT INSPECTION AGO STORAGE TANKS	Delmar Petroleum Company Ltd Port Harcourt	June 2007
29	DESIGN & SUPERVISION OF 6.0 MILLION LITRES AGO STORAGE TANK(API 650)	Delmar Petroleum Company Ltd Port Harcourt	Nov 2006- Dec 2007
30	SAND BLASTING AND POLYOLEFIN COATING/WRAPPING OF 10",6", 4" AND 2" PIPELINES	NAOC Gas Plant Expansion Project Kwale (TURRET ENGINEERING worked as sub-contractor to	April 2003
31	FABRICATION AND INSTALLATION OF WELL HEAD RISER AT 1 F/S	With Sevoil Intl(Oil & Gas) Ltd for SPDC	2003
32	REPLACEMENT OF VANDALIZED PIPELINE AT EKULAMA 5 F/S	With Sevoil Intl(Oil & Gas) Ltd for SPDC	2003
33	NDT AND LEAK REPAIR OF 6" PIPELINE AT IZOMBE.	Addax Petroleum(TURRET ENGINEERING worked as a sub- contractor to ACT Ltd Port Harcourt)	Nov. 2000
34	INSPECTION OF CORRODED ELBOW IN OLEFINS PLANT	Eleme Petrochemicals Company Ltd, Port Harcourt, Rivers State.	Oct. 2000
35	NDT AND SLEEVING OF SPDC'S 18'' ASSA-RUMUEKPET/L, 6" AFAM D/L, OBIGBO-ELELENWOD/L	SPDC East (TURRET ENGINEERING worked as a sub-contractor to ACT Ltd Port Harcourt)	Oct. 1999- Sept. 2000

## 10.0 LIST OF EQUIPMENTS

S/N	DESCRIPTION	QUANTITY
1.	30 TONS ROUGH TERRAIN GROVE CRANE	1 Nos.
2.	14 KVA JUBILI BROS POWER GENERATOR	1 Nos.
3.	150 KVA MIKANO POWER GENERATOR	2 Nos.
4.	400A Electric Welding Machine ( Ador)	6 Nos.
5.	Miller Goldstar 402 Welding Machine	2
6.	Lincoln 270 welding Machine	2
7.	Denyo Welding Generators 280A	3
8.	Vacuum Box Testing Equipment	2
9.	400 CFM Sullair Air Compressor	2 Nos.
10.	Airless Spray Machine	2 Sets
11.	Conventional Spray Machine	2 Set
12.	Sand Pot complete with Dead-Man Control	2 Sets
13.	Welders Toolbox	6 Sets
14.	Fitters Toolbox	4 Sets
15.	Oxy-acetylene Cutting set	4 Sets
16.	Vibrator	2 Set
17.	Concrete Cube Mould/Accessories	1 Set
	Slump Test Apparatus	1 Set
18.	Portable angel Grinder – Hitachi made – G10SS	1 Set
	Model	
19.	Compressor Breaking M/C with Accessories	1 Set
20.	Electrode Oven	1 Set
21.	Portable metallurgical microscope	1 Set
22.	Mitech HL180 & MH 320mobile Hardness gauges	2 Set
23.	MFD 800C Flow Detector (A-Scan), complete with	
24.	Angel probes ( 70°, 45°, 60°), TR Probe, & Normal Probe	1 Set
25.	TT 130 Ultrasonic Thickness Gauge	1 Set
26.	MITECH MPT magnetic Yoke with complete accessory	1 Set
27.	MT 160 MITECH Ultrasonic Thickness Gauge	1 Set
28.	TT 300 A Ultrasonic Thickness Gauge	1 Set
29.	PTS Inverted Metallurgical Microscope	1 Set
30.	EP-302 Electrolytic Polisher & Etcher	1 Set
31.	MCT 200 COATING THICKNESS GAUGE	1 Set.

32.	BYGGING TANK JACKING SYSTEM ( 600 Tons)	1Set
33.	PIPELINE HYDRO-TEST PUMP	1 Set
34.	MAGNETIC DRILLING MACHINE	4
35.	GRINDING MACHINE	20
36.	PIPE BEVELLING MACHINE( VARIOUS RANGE)	6
37.	PIPE CLAMPS( VARIOUS SIZES)	10
38.	PIPE STAND/PIPE RACK	LOT
39.	PIPE WRENCH	LOT
40.	WELDERS/ FITTERS TOOL BOXES COMPLETE WITH	LOT
	LIGHT TOOLS WORKSHOP TABLE WITH VICES	
41	4 RUNNER PROJECT VEHICLES	5
42	Oxford Instrument PMI Mobile Spectrometer	2
	Model X-Met 7500	
43	Verimet 1900, Eddy current Crack detector	1