



THE INITIATES PLC (TIP)

Waste Incineration Services

THE INITIATES PLC
TDU, Incinerator, Cleaning &
Decontamination, E-waste Services

OUR MISSION: To facilitate Industry and Man co-existence in safe Environment.

OUR VISION:

To be the Industry's leading provider of Waste Management and Industrial Cleaning services that eliminate clients' exposure and protect the environment through:

- Adherence to best practices;
- Consolidation of experience; and
- Improvement aimed at adding value to our clients businesses and public life.



CORE BUSINESS VALUE

Professionalism (integrity; expertise; and standard)

Innovation (a solution that is simple and efficient)

Commitment (to safety; environmental protection; quality, and compliance to law).



Hazardous Waste Management & Industrial Cleaning Company:

- **Thermal Desorption**
 - ✓ Drilling waste, Oily Sludge, & Oil contaminated Soil
- **Waste Incineration**
 - ✓ Medical Waste, Chemical Waste, & other Hazardous Wastes
- **Industrial Cleaning & Decontamination**
 - ✓ Water Jetting, Tank & Vessel, Heat Exchanger Cleaning, Asbestos Management
- **E-Waste Management**
 - ✓ Office and Communication Equipment, Large & Small Household Appliances
- **Waste Management Consultancy**
 - ✓ Waste Audit, Pollution Investigation, & Trans boundary Movement of Waste

1995 – 2005

- Incorporated as a Waste Management Firm
- Providing Waste Management Consultancy Services
- Providing Waste Facility Construction and Management services to Clients

2006 – 2015

- Installed a 10ton/hr TDU Facility
- Started Hazardous Waste Management
- Added Cleaning & Decontamination Services
- Converted to a Public Liability Company

2016 – Forward

- Installed an E-Waste Management Facility
- Development of Incineration Facility ..
- Listed in Nigerian Stock Exchange Market

Headquarter:

Plot 400, Location (New) Road
Off Aba/PH Expressway (By Oyigbo Junction)
Umuebule 5, Rivers State, Nigeria



Thermal Desorption Services

- ❖ 10 tons/hr Indirect Thermal Desorption Plant
- ❖ Up to 96% hydrocarbon recovery
- ❖ less than 4ppm of oil in recovered water
- ❖ 3-stage Vapour Recovery System
- ❖ Waste pit storage capacity of 1200tons
- ❖ Digital weighing platform
- ❖ 100 Percent Regulatory compliant
- ❖ Treatment of:
 - Drill Cuttings
 - Oily Sludge
 - Contaminated Soil



Hazardous Waste Incineration

- ❖ 3tons/hr Capacity Rotary Kiln Incinerator
- ❖ Bi-chamber Incinerator capable of attaining 900°C & 1200°C and 2seconds residence time in the Secondary Chamber
- ❖ Activated Carbon & Wet scrubbing Systems
- ❖ Continuous Emission Monitoring System
- ❖ The Incineration Plant handles:
 - Hazardous Waste
 - Chemicals
 - Solid & Liquid Waste
 - Refining Residues
 - Medical waste
 - Sludge



E-Waste Management

- ❖ 1 tons/hr E-waste Processing Plant
- ❖ We process all types of e-waste including:
 - Large Household Appliances
 - Small Household Appliances
 - Office and Communication Devices
 - Lighting Equipment (fluorescent tubes, lamps)
 - Ozone Depleting Substances (CFC & HCFC) Recovery Capability
 - Cathode Ray Processing
 - Printed Circuit board (PCB) Processing
 - Cable Recycling



Cleaning & Decontamination

- ❖ Vacuum Transfer System (VTS)
- ❖ Remote Pipe and Sewer Cleaning Unit
- ❖ Ultra/High Pressure Jetting systems (UHPJ & HPJS)
- ❖ Non-Man Entry Automated Tank Cleaning Systems (NEATS)
- ❖ With these Systems we cleaning:
 - FPSOs, Tanks, and Vessel Desludging
 - Surface Cleaning
 - Crude, Chemical and Product storage Tanks
 - Heat Exchangers Tube and Fins Cleaning
 - Pipelines, and Sewers Cleaning



Waste Management Consultancy

- ❖ Trans-boundary Movement of Waste
- ❖ Pollution Investigation
- ❖ Remediation Planning
- ❖ Waste Auditing
- ❖ Facility Design, Construction, & Operation



Operational Base: Rivers State,
Port Harcourt



Industrial Waste Incineration

Waste Incineration Technologies

Waste Incineration undergoes the strictest and more demanding controls, thus resulting in a **safe** and **efficient** solution for industrial waste management.

Technology:

■ Rotary Kiln Incinerator

INDUSTRIES:

Chemical | Petrochemical | Oil & Gas
Pharmaceutical | Mining | Hospitals
Airports | Waste management plants
Farming and slaughterhouses



Industrial Applications:

- Solid & Liquid Waste
- Hazardous Waste
- NORM Waste
- Refining Residues
- Waste Water Plant Sludge



ROTATING INCINERATION SYSTEMS:

Main Features:

- Rotating Drum Unit
- Continuous operation
- 3 ton/hr
- Two Incineration Chambers
- Automatic waste loading
- Automatic ash removal
- Full automatic operation cycle
- Operates under relevant Industry Standards

What kind of waste can be incinerated?

- ✓ General Waste
- ✓ Hospital Waste
- ✓ Powders and compact low grain waste
- ✓ Liquids, pastes and sludge
- ✓ Chemicals and fabrics



TIP INCINERATION SERVICES:

- Design and Fabricate Incinerators for clients
- Import and Install incinerators
- Incinerator Management
- Render Incineration services at base





Thank you for
your interest

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