

.....since May 2000

# **COMPANY PROFILE**

RADIATION SAFETY TECHNOLOGIES LTD is the pioneer indigenous radiation protection service provider in Nigeria with over 70 man-years of experience in the peaceful applications of nuclear energy and radiation technology. In fact RST is the pioneer Nigerian Company to provide radiation dosimetry service. The Company is fully registered with the Corporate Affairs Commission (RC382423), the Nigerian Nuclear Regulatory Authority (NNRA) and with other sectoral regulatory bodies such as the Nigerian Upstream Petroleum Regulatory Commission (NUPRC) and the Nigerian Medical and Dental Council (NMDC).

**RST** commenced operations in May 2000 by going into technical partnership with LANDAUER INC of USA. By this arrangement, **RST** was responsible for the representation, distribution and commercialization of the OSL dosimetry badges of LANDAUER in Nigeria. **RST** has representation agreement with equipment manufacturers in Europe and the USA.

### VISION STATEMENT

Through our pioneering private sector initiative in radiation protection and nuclear safety services, we provide a basis for ensuring occupational and public health nationwide in the peaceful applications of nuclear technology.

### MISSION STATEMENT

Establishment of a national network in radiation dosimetry and nuclear safety services for sustainable national development.

### **FACILITIES**

Today, **RST** has a well-equipped Radiation Dosimetry Laboratory with two HARSHAW TLD Readers 4500 and 6600 series. **RST** is thus the first and only dosimetry service provider with such a facility in the country. This is in addition to its Alpha and Gamma Spectrometry Laboratory. Furthermore, **RST** has an array of different types of survey meters, isotope identifiers, NORM Detection kits, etc.

### **SERVICES**

**RST** provides dosimetry services to over 5000 radiation workers in several companies in the petroleum industry, hospitals, factories, an industrial Gamma Irradiation Facility, research institutions and to other users of radiation in the other sectors of the economy.

- (a) Oil and Gas Companies
- (b) Industrial Radiography i.e. Non-Destructive Testing (NDT)
- (c) X-ray Diagnostic Hospitals and Radiotherapy Clinics
- (d) Marine transportation or radioactive materials
- (e) Port and Shipment scanning industries
- (f) Food and beverage industries

# **RST** also provides:

- i. Radiation Safety Advisory Service
- ii. Consultancy Services on Radiation Project Design and Implementation;
- iii. Area Monitoring/Environmental Impact Assessment Surveys
- iv. Sales & Service of Radiation Monitoring and Detection Equipment
- v. Environmental Radiation Safety Service for the Petroleum Industry and Nuclear Installations
- vi. High Quality Training Courses in Radiation Protection and Safety
- vii. NORM Decontamination Service
- viii. Radioactive Waste Management

#### **CLIENTELE**

Over the past two decades, the clientele has grown from one, Mobil Producing Nigeria Unlimited in year 2000 to over 100 in the year 2022. The list includes:

- i. Shell Petroleum Development Company
- ii. Esso Exploration and Production Nigeria Ltd
- iii. Seplat Energy
- iv. Mobil Producing Nigeria Unlimited
- v. Total Nigeria Limited
- vi. Schlumberger Nigeria Limited
- vii. Baker Hughes Limited
- viii. Indorama Eleme Petrochemical Limited
- ix. Notore Chemical Industries Limited
- x. Hull Inspection Services Ltd
- xi. United Heart Hospital and Clinics, Victoria Island, Lagos
- xii. Gbagada General Hospital, Lagos
- xiii. Bowen Teaching Hospital, Oshogbo, Osun State
- xiv. Airwave Nigeria Limited, Lagos
- xv. UMC Zahir Hospital, Kano

### Services rendered vary from:

- i.) Assessment of NORM Contamination on oil platforms to major oil producing companies
- ii.) Assessment of NORM Contamination in Tin-mine Tailings
- iii.) Survey of medical uses of ionizing radiation
- iv.) Survey of radioactive sources in manufacturing industry
- v.) Management of radioactive sources, including Leak Tests

Prof. S. B. Elegba, NPOM, FNIP Managing Director/CEO