

	<b>INTERNAL PROCEDURE</b>	
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**NNRA MINIMUM REQUIREMENT FOR ACREDITATION AS  
LAND TRANSPORTION OF RADIOACTIVE SOURCES**

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# NIGERIAN NUCLEAR REGULATORY AUTHORITY

## NNRA MINIMUM REQUIREMENT FOR ACREDITATION FOR LAND TRANSPORTATION OF RADIOACTIVE SOURCES

1. The Nigerian Nuclear Regulatory Authority (NNRA), established by Nuclear Safety and Radiation Protection Act 19 of 1995 (the Act) is charged with the sole responsibility for nuclear safety and radiological protection regulation in Nigeria (Article 4 of the Act.) In this regard, the NNRA is empowered to amongst others, categorize and Licence practices involving handling, transportation and storage of radioactive sources

### 2. Authorization

To commence authorization process; an applicant shall submit a completed Authorizations Application Form to the NNRA for assessment. The form can be downloaded from the NNRA website [www.nnra.gov.ng](http://www.nnra.gov.ng).

### 3. Other Requirements

- i. Completion and submission of the attached Authorization Application Form. The Form and the Guide for filling the Form could also be downloaded from the NNRA website at [www.nnra.gov.ng](http://www.nnra.gov.ng).
- ii. Provision of certified copies of Memorandum and Articles of Association, Certificate of Incorporation from CAC and Particulars of First Directors (Form C02 & C05)
- iii. Payment of applicable authorization fees:
  - a. Accreditation Certificate ₦ 2,000,000.00 p.a.
  - b. Registration of Vessel to Transport Radioactive Sources ₦ 500,000.00 p.a. per Vehicle
- iv. Evidence of engagement of Police Anti Bomb Squad for security during transport of radiation sources
- v. Engagement of the services of accredited Dosimetry Service Providers (DSP) for the monitoring of personnel to be involved in the transport of radioactive material;
- vi. Provide list of all dedicated vehicles their Model, Name and Chassis and Plate Number ;
- vii. Designation of an officer as your **Radiation Safety Officer (RSO)** who shall develop skills in basic radiation safety and understand the regulatory requirements for practices involving radioactive materials and ionizing radiation stating his powers to stop unsafe practice
- viii. Evidence that designated personnel undergo relevant training to develop skills in the safety and security of radioactive sources. Academic and professional qualifications should also be forwarded to the NNRA
- ix. Provision of list of dedicated staff and evidence of their basic radiation safety training
- x. Evidence of procurement of Survey Meters for area and work place monitoring
- xi. Submission of well developed and implementation of adequate programmes for radiation protection, safety and security in the transportation of radioactive sources
- xii. Submission of Emergency Response Plan during transportation of radiation sources
- xiii. Submission of Transportation produces during transport of radiation sources
- xiv. Provision of all necessary certifications with VIO and Road Safety and other relevant regulators
- xv. Evidence that dedicated Vessel for the transportation of radioactive sources should meet the following requirements:
  - a. Provisions shall be made to secure packages or over packs so that their positions within the vessel remain fixed during transportation
  - b. Must be equipped with an enclosure which, during conditions of transport, prevents the access of unauthorized persons to the interior of the enclosure
  - c. Radiation levels shall not exceed 2mSv/hr at any point on the Vessel and 0.1mSv/hr at 1m from the surface of the containers

4. All Applicants are required to engage the services of an NNRA accredited Radiation Safety Adviser (RSA) to assist in attaining the above objectives.

5. Applicants should consult the Nigerian Transportation of Radioactive Sources Regulations, 2006 and Nigerian Safety and Security of Radioactive Regulations 2006 for more information regarding the safe transport of radioactive material in Nigeria.