



RADIATION PROTECTION AUTHORITY

LICENSING REQUIREMENTS

(PORTABLE / FIXED NUCLEAR GAUGES)

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1. Type of application

New ☐

Renewal ☐

2. ADMINISTRATIVE INFORMATION

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2.1. Indicate the name and title of the legal Representative(i.e the head of the institution) of the facility

.....  
*Also fill in there following details:*

Fax:

Tel:

Email:

*(New applicants to attach PACRA Registration)*

2.2. State the name of the Radiation Protection Officer

.....  
*Also fill in there following Details:*

Fax:

Tel:

Email:

3. TECHNICAL INFORMATION

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3.1. State the purpose for which the radiation sources are to be used (e.g gauges for level detection, density measurement, in-stream analysis, road construction)

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3.2. State the details of the radiation sources(Nuclear gauges) **(USE SUPPLEMENTARY FORM 1 FROM RPA** and attach it to this form once filled -Please indicate below **"same as previous year"** if you have not made any amendments)

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#### 4. WORKER PROTECTION

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##### 4.1. Classification of areas

4.1.1. Have you designated controlled and supervised areas?

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4.1.2. Have you delineated the controlled and supervised area by physical means or other means?

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##### 4.2. Exposure assessment

4.2.1. Do you have adequate arrangements with dosimetry laboratory for assessment of occupational exposures of its worker (Use SUPPLEMENTARY FORM 3 to provide names of all occupationally exposed workers and their dosimeter numbers)

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4.2.2. State the Service provider for dosimetry service(if not Radiation Protection Authority)

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*(If service provider is not Radiation Protection Authority kindly attach copies of the dose records from your service provider)*

##### 4.3. Work place monitoring

4.3.1. Do you have and maintain and keep under review a programme for monitoring of the workplace commensurate with the nature of, and the risks associated with the sources?

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4.3.2. Do you have survey instruments?(kindly provide details)

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4.3.3. Are the survey instruments calibrated at regular intervals?(attach calibration certificates)

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4.3.4. Do you keep record and findings of the of the workplace monitoring programme?

##### 4.4. Training of workers

4.4.1. Provide details of radiation safety training and re-training program

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#### 4.5. Health suveillance

4.5.1. Are the workers under a health surveillance program?

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### 5. QUALITY ASSURANCE PROGRAM

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5.1. Do you have a written quality assurance program?

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5.2. Do you have written repair / procedures for maintance of the equipment?

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### 6. PUBLIC PROTECTION

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#### 6.1. Control of visitors

6.1.1. Do you have instructions to accompany visitors in controlled area by a person knowledgeable about radiation?

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6.1.2. Do you provide adequate information and instruction to visitors before they enter a controlled area?

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6.1.3. Is entry of visitors to a controlled area restricted?

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6.1.4. Are appropriate warning signs posted in the controlled area?

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#### 6.2. Warning systems

6.2.1. Are radiation warning symbols / signs provided at access points of radiation sources?

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6.2.2. Are there warning notices at access points?

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#### 6.3. Sources of exposure

6.3.1. Is there adequate shielding to keep public exposure as low as reasonable achievable?(radiation survey results)

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6.3.2. Are their protective measures to restrict public exposure?  
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6.3.3. Do you have a permanent and temporal storage facility for the sources?  
Explain  
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## **7. TRANSPORT OF RADIOACTIVE MATERIALS**

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7.1. Are vehicles used for transport labelled and use of approved packages?  
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7.2. Do details of shipper's declaration papers when shipping sources provided?  
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7.3. Are vehicles properly labelled during field work?  
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7.4. Are sources of radiation properly secured for loss and theft?  
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## **8. DISPOSAL OF RADIOACTIVE SOURCES**

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8.1.1. Do you have written plans for disposal of radioactive sources?  
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8.1.2. Do you have an interim storage facility for sources pending final disposal?  
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## **9. SYSTEMS OF RECORDS**

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9.1. Do you keep records of:

9.1.1. Dosimetry results?  
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9.1.2. Area surveys?  
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9.1.3. Health surveillance?

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9.1.4. Calibration of survey instruments?

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9.1.5. Audits?

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9.1.6. Training?  
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## **10. RADIATION PROTECTION AND SAFETY PROGRAMME**

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[This section applies to:

- *First applications ; and*
- *application for renewals which did not submit the programme during first application]*

10.1. Submit a Radiation Protection and Safety Programme addressing all aspects of radiation safety and work practice. The RPSP should include but not limited to the following:

- 10.1.1. Organizational structure
- 10.1.2. Radiation Safety Training
- 10.1.3. Workplace monitoring
- 10.1.4. Personnel Dosimetry Service
- 10.1.5. Local rules and supervision
- 10.1.6. Quality assurance
- 10.1.7. Transportation of radioactive sources
- 10.1.8. Emergency procedures
- 10.1.9. System of records
- 10.1.10. Security of sources
- 10.1.11. Storage facility of the sources
- 10.1.12. Disposal of radioactive sources

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Signature of applicant (legal person)

.....  
Name (Please print)

.....  
Date