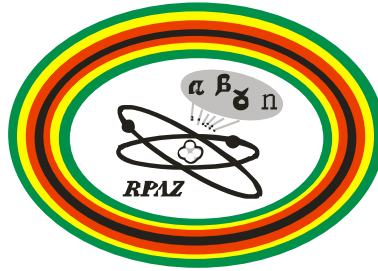


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RPA-AUT/RQ-03/IN/14

## RADIATION PROTECTION AUTHORITY OF ZIMBABWE

### RADIATION PROTECTION ACT (CHAPTER 15:15)

#### **MINIMUM REQUIREMENTS FOR ACCREDITATION FOR THE FOLLOWING SERVICES WITHIN ZIMBABWE:**

- **Radiation Safety Training**
- **Installation, Maintenance and Repair of Radiation Generation Equipment**
- **Suppliers of Radiation Generating Equipment and Radioactive Materials**
- **Radiation Protection Consultancy**

Requirements for these accreditation activities should be applied in addition to the following regulations:

- Statutory Instrument 62 of 2011, Radiation Protection (Safety and Security of Radiation Sources) Regulations;
- Statutory Instrument 106 of 2011, Radiation Protection (Safety and Security of Radiation Sources) (Amendment) Regulations;
- Statutory Instrument 134 of 2012 (Fee Schedule), Radiation Protection (Safety and Security of Radiation Sources) (Amendment) Regulations (No 2);
- Statutory Instrument 99 of 2013 (NORM), Radiation Protection, Naturally Occurring Radioactive Materials Regulations, 2013
- Statutory Instrument 91 of 2014, Radiation Protection (Medical Practices) Regulations, 2014.

Note that this minimum requirement is not exhaustive and does not in any way preclude other decision by the RPAZ.

#### **a) Administrative Requirements**

- i. Nature of practice
- ii. Memorandum of Articles
- iii. Certificate of Registration, CR 14, CR 6

- iv. VAT Certificate and Tax clearance Certificate Name of the Legal Persons of the company including the Chief Executive Officer
- v. Payment of applicable authorization fees in accordance with Statutory Instrument 134 of 2012 (Fee Schedule), Radiation Protection (Safety and Security of Radiation Sources) (Amendment) Regulations (No 2);
- vi. Designation of an officer as 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

**b) Personnel/Training**

- i. Evidence of having adequate staff that are trained in the area of handling of ionizing radiation generating equipment and radioactive materials for relevant applications and practice including installation and conducting acceptance tests and surveys;
- ii. Provision of training and retraining programs
- iii. Training programme or curricula in the case of accreditation in training services
- iv. Provision of copies of CVs, academic and professional of all staff

**c) Equipment**

- i. Evidence of having adequate and functioning radiation survey meters with valid calibration certificates
- ii. Evidence of having equipment and all instruments necessary for the installation and conduction of acceptance tests and assessments
- iii. Evidence of having operation manual with details of overall safety systems including design features, Defense in depth and prevention of unauthorized access to equipment and radioactive materials.

**d) Storage Facility**

- i. Name, Addresses and locations of all storage facilities and offices
- ii. Provision of detailed diagram of the layout of the storage facility and security arrangement including shielding assessment of the facility and demarcation of the control and supervised areas.

**e) Transportation**

- i. Procedures for transportation of imported equipment and radioactive materials locally and role of the transporter as well as the certification of the driver with respect to radiation protection.
- ii. Transportation and Security arrangement for imported equipment and radioactive material movement from the port to storage facility.
- iii. Provision of adequate transport arrangement for equipment and radiation materials locally

**f) Radiation Protection Programme**

- i. Adequate programs for radiation protection, safety and security in the handling and transportation ionizing radiation generating equipment and radioactive materials
- ii. Evidence of engagement with an RPAZ accredited Dosimetry Service Provider or RPAZ who shall be responsible for monitoring staff that will be involved in installations and acceptance testing and handling of radioactive materials
- iii. Emergency Plan including emergency contact numbers as well as that of RPAZ
- iv. Description of policies for assigning monitoring badges to workers, review of individual doses including reference levels and actions to be taken when values are exceeded
- v. Establishment of local rules and procedures in written form for work processes and operations in compliance with the requirements of the Radiation Protection Act and related regulations.