



REPUBLIC OF MAURITIUS

Application for Licence **GUIDE FOR APPLICANT**

Radiation Safety and Nuclear Security Authority

January 2021

INTRODUCTION

Section 16 of the Radiation Safety and Nuclear Security Act 2018 requires every person to hold a licence from the Radiation Safety and Nuclear Security Authority (RSNSA) prior to the conduct of any radiation practice, other than an exempted practice. The Radiation Protection (Licensing and Registration) Regulations 2017 [GN No. 153 of 2017], which came into force on 31 July 2017, has established the licensing system and has prescribed the applicable licence fees.

Any person who requires a licence for the conduct of a radiation practice is required to submit a written application for a licence using the application form approved by the RSNSA. The application form for a licence is available at our office and is also downloadable from our website (<http://rsnsa.govmu.org>).

The main purpose of this guidance document is to provide relevant information for the completion and submission of an application form for a licence.

General Information

- All sections of the application form should be duly filled in a legible manner. Any section or subsection which is not relevant to the application should be denoted by “N/A” which stands for not applicable.
- The following supporting documents should be submitted together with the duly completed application form –
 1. A **Safety Assessment Report** as required under Section 16(3) of the Radiation Safety and Nuclear Security Act 2018. Please refer to section 19 of the Radiation Safety and Nuclear Security Act 2018 for more details on the Safety Assessment Report. The Safety Assessment Report is a comprehensive document which shall -
 - (i) identify any risk of adverse effects on people and the environment that may be caused by the conduct of the practice;
 - (ii) identify mechanisms to eliminate or mitigate any identified risks which may arise from the practice; and
 - (iii) establish protection and safety measures and the radiation protection programme that shall reduce the likelihood of an incident which may result from the conduct of the practice.
 2. (a) A copy of the Business Registration Card (BRC) of the applicant issued by the Government of Mauritius (*applicable if the applicant is a registered company in Mauritius*); or
 - (b) a copy of the National Identity Card of the applicant issued by the Government of Mauritius (*applicable if the applicant is a citizen of Mauritius*); or
 - (c) copies of the first two pages of the passport (*applicable if the applicant is a non-citizen of Mauritius*).

Note: Public organisations are exempted from this requirement.

- The duly filled-in application form, together with all supporting information and documents, should be submitted to:

**The Director,
Radiation Safety and Nuclear Security Authority,
Royal Road, Helvetia
MOKA**

- There is no application fee for the submission of an application for a licence. No payment should therefore be effected at the time of submission of an application for a licence. The applicant will be requested, in writing, to effect payment of the applicable licence fee for the issue of the licence only after the application has been approved by the RSNSA.
- Please contact our office for any additional information or further guidance for the completion and submission of an application for a licence.

Radiation Safety and Nuclear Security Authority

Royal Road, Helvetia, Moka

Tel: (+230) 434-3000 | Fax: (+230) 434-2868

Email: rsnsa@govmu.org | Website: <http://rsnsa.govmu.org>



THE APPLICATION FORM

Section 1 - APPLICANT

- The applicant is the legal person (an individual or an organisation) that will have statutory and administrative control over the radiation source(s) and practice(s) for which the application for a licence is being made.
- The full name of the applicant should be provided in this section using block letters.

Applicant	Name of Applicant to be provided in application form
If the applicant is a registered company in Mauritius	The full name of the company as provided in the Business Registration Card issued on the name of the applicant.
If the applicant is a citizen of Mauritius	The full name as provided in the National Identity Card of the applicant
If the applicant is a non-citizen of Mauritius	The full name as provided in the Passport of the applicant

Section 2 - CONTACT PERSON

- The Contact Person is the person designated by the applicant with whom the RSN SA may liaise for all matters regarding the application.
- In this section, the name, designation and contact details of the Contact Person should be provided.

Section 3 – DETAILS OF FACILITY

- Basically, a facility is a place where a radiation source is being used or stored.
- In this section, the name and address of the facility should be provided.

1. If the application is made for the licence of a “Fixed or Mobile Source”	The applicant should provide the name and address of the place (institution, department, laboratory etc.) where the source will be used and stored.
2. If the application is made for the licence of a “Portable Source”	The applicant should provide the name and address of the place (institution, department, laboratory etc.) where the source will be stored when not in use.

Note: See explanatory notes provided below, for Sections 4.A.4 and 5.A.4, for the definition of fixed, mobile and portable sources.

Section 4 – DETAILS OF RADIATION GENERATOR



- This section of the application form should only be filled-in if the application is being made for the licensing of one or more radiation generators. If the application is being made for the licensing of more than one radiation generator, additional sheet(s) of page 2 of the application form should be filled-in, one for each radiation generator, and attached all together to be part of the duly completed application form.
- All the required information pertaining to the radiation generator should be provided in this section under the relevant subsections. Please see notes in the table below for the completion of all the relevant subsections.

Subsection(s)	Notes								
4.A.1	The type of radiation generator that best describe the equipment should be specified, (e.g. Dental X-Ray Machine, Medical X-Ray Machine, CT Scanner, Baggage/Parcel Scanner)								
4.A.2	The maximum anode voltage, in kiloVolt (kV), of the radiation generator should be specified.								
4.A.3	The maximum tube current, in milliAmpere (mA), of the radiation generator should be specified.								
4.A.4	The utilisation mode of the radiation generator, which best fit the equipment, should be specified by ticking one of the utilisation modes described below.								
	<table border="1"> <thead> <tr> <th>Utilisation mode</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Fixed</td> <td>Equipment which is designed to be used in a fixed location.</td> </tr> <tr> <td>Mobile</td> <td>Equipment which is designed to be moved from one place to another for use, but which cannot be easily carried by hand.</td> </tr> <tr> <td>Portable</td> <td>Equipment which is designed to be moved from one place to another for use, and which can be easily carried by hand.</td> </tr> </tbody> </table>	Utilisation mode	Description	Fixed	Equipment which is designed to be used in a fixed location.	Mobile	Equipment which is designed to be moved from one place to another for use, but which cannot be easily carried by hand.	Portable	Equipment which is designed to be moved from one place to another for use, and which can be easily carried by hand.
	Utilisation mode	Description							
	Fixed	Equipment which is designed to be used in a fixed location.							
Mobile	Equipment which is designed to be moved from one place to another for use, but which cannot be easily carried by hand.								
Portable	Equipment which is designed to be moved from one place to another for use, and which can be easily carried by hand.								
4.B	In this subsection, brief details of the radiation practice(s) to be carried out using the radiation generator, which should clearly provide justification for the possession and/or use of the equipment.								

Section 5 - DETAILS OF SEALED SOURCE



- This section of the application form should only be filled-in if the application is being made for the licensing of one or more sealed sources. If the application is being made for the licensing of more than one sealed source, additional sheet(s) of page 2 of the application form should be filled-in, one for each sealed source, and all together to be part of the duly completed application form.

- All the required information pertaining to the sealed source should be provided in this section under the relevant subsections. Please see notes in the table below for the completion of all the relevant subsections.

Subsection(s)	Notes	
Subsection 5.A.1 should <u>only</u> be filled if the sealed source is an integral part or associated part of an equipment. The equipment is referred as the 'Associated Equipment'.		
5.A.1	The type of the associated equipment that best describes the device should be specified, (e.g. Portable Nuclear Gauge, Gamma Radiography Projector, Cobalt Teletherapy Machine)	
5.A.2	The name of the radionuclide (or its symbol) and its mass number should be specified in this subsection. For example, Caesium-137 (or Cs-137) and Cobalt-60 (or Co-60).	
5.A.3	In this subsection, the maximum activity, in Curie (Ci) or Becquerel (Bq), of the radionuclide contained in the sealed source should be specified.	
5.A.4	The utilisation mode of the associated equipment, which best fit the device, should be specified by ticking one of the modes described below.	
	Utilisation mode	Description
	Fixed	Equipment which is designed to be used in a fixed location.
	Mobile	Equipment which is designed to be moved from one place to another for use, but which cannot be easily carried by hand.
	Portable	Equipment which is designed to be moved from one place to another for use, and which can be easily carried by hand.
5.B	In this subsection, brief details of the radiation practice(s) to be carried out using the sealed source (or the associated equipment), which should clearly provide justification for the possession and/or use of the source or equipment.	

Section 6 - DETAILS OF UNSEALED SOURCE



- An unsealed source is basically a radioactive substance in an unsealed form. This section of the application form should only be filled if the application is being made for the licensing of one or more unsealed source. If the application is being made for the licensing of more than one unsealed source, additional sheet(s) of page 3 of the application form should be filled-in, one for each unsealed source, and all together to be part of the duly completed application form.
- All the required information pertaining to the unsealed source should be provided in this section under the relevant subsections. Please see notes in the table below for the completion of all the relevant subsections.

Subsection(s)	Notes
6.A.1	The name of the radionuclide (or its symbol) and its mass number should be specified in this subsection. For example, Iodine-131 (or I-131) and Phosphorus-33 (or P-33).
6.A.2	The annual maximum activity, in Curie (Ci) or Becquerel (Bq), of the radionuclide being used should be specified.
6.A.3	The physical form of the radioactive substance should be specified, by ticking the appropriate box.
6.B	In this subsection, brief details of the radiation practice(s) being carried out using the unsealed source, which should clearly provide justification for the possession and/or use of the radioactive substance.

Section 7 - DECLARATION

- This section should be duly signed by the applicant or his representative to declare that all information contained in the application, including any supplements attached hereto, are true and accurate.

1.	For an application made by an individual	The application form should be signed by the person making the application.
2.	For an application made by a company	The application form should be signed by the head of the organisation or his representative.



‘Protecting people and the environment from the harmful effects of ionising radiation’

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