



REPUBLIC OF MAURITIUS

RADIATION SAFETY AND NUCLEAR SECURITY AUTHORITY

**Import and Export of Radiation Sources
and Other Controlled Items**

GUIDELINES ON THE APPLICATION FOR A PERMIT

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1. Background

The Radiation Safety and Nuclear Security Authority (RSNSA) is established under Section 4 of the Radiation Safety and Nuclear Security Act 2018 as an effectively independent regulatory body, with the main objective to regulate and control all radiation sources and practices for the adequate protection of people and the environment, both now and in the future, against the harmful effects of ionising radiation.

One of the functions of the RSNSA, stipulated under Section 6 of the RSNS Act 2018, is to establish and implement, in collaboration with Mauritius Revenue Authority (MRA), a system of control for the import and export of radiation sources and other controlled items.

As per Section 33 of the RSNS Act 2018, no person shall import in, or export from, Mauritius any radiation source, including nuclear material and other radioactive material or radioactive waste, or any other controlled item, unless he holds a Permit from the RSNSA which specifically authorises its importation or exportation.

The *Radiation Safety and Nuclear Security (Control of Import and Export of Radiation Sources and Other Controlled Items) Regulations 2019 [GN 192 of 2019]* complements the provisions made in Section 33 the RSNS Act 2018 on the import and export of radiation sources and other controlled items. These regulations, *inter alia*, provide for the RSNSA to issue guidelines to facilitate the process for the application for a Permit, and accordingly this guidance document has been developed by the Authority.

2. Introduction

The main aim of these guidelines is to provide clear information on the requirements and procedures for the application of a Permit to import or export a radiation source or any other controlled item, in conformity with Section 33 the *Radiation Safety and Nuclear Security Act 2018* and the *Radiation Safety and Nuclear Security (Control of Import and Export of Radiation Sources and Other Controlled Items) Regulations 2019*. More specifically, this guidance document -

- (i) sets out the requirements and the procedures for the application of a Permit;
- (ii) lists down the prescribed fees for the issue of a Permit; and
- (iii) provides the list of radiation sources and other controlled items which are subject to a Permit.

3. Definitions

“Mauritius Network Services (MNS)” means the organisation hosting the TradeNet;

“TradeNet” means the electronic platform that allows Customs brokers, shipping agents, freight forwarders, importers, and exporters to submit trade documents such as manifests and declarations to the Customs authorities and other stakeholders.

4. Application Procedures and Requirements for a Permit

All applications for a Permit shall be submitted to the RSNSA through the TradeNet Portal (<https://tradenetmns.mu/>), unless otherwise instructed by the Authority. It is to be highlighted that an applicant should be registered to the Mauritius Network Service (MNS) prior to the submission of an application for a Permit to the RSNSA through the TradeNet. The procedures for the registration to MNS are at ***Annex I***.

Documents to be submitted with an application for a Permit

Scanned copies of the following documents should be attached to the application form prior to the submission of an application for a Permit through the TradeNet.

A. For an Import Permit

A.1 General Requirement

A.1.1 The Business Registration Card (BRC) of the applicant issued by the Government of Mauritius (if applicant is a registered company in Mauritius), or the National Identity Card of the applicant issued by the Government of Mauritius (if the applicant is a citizen of Mauritius), or the first two pages of the passport (if the applicant is a non-citizen of Mauritius).

A.2 Specific Requirements for the importation of a Sealed Radioactive Source

A.2.1 The Source Certificate issued by the manufacturer of the radioactive source providing all relevant details of the source.

A.2.2 The technical specifications of the associated equipment wherever applicable.

A.2.3 The Certificate of Conformity, issued by a competent body, confirming that the radiation source being imported meets the international standards (e.g. CE/IEC Certified or FDA approved).

A.2.4 The Leak Test Certificate issued by a competent body for a leak test carried on the source not earlier than 3 months from the date of the submission of the application for the Permit.

A.2.5 The Contractual Agreement made with the supplier/manufacturer for the return of the source when it will no longer be used for its intended purpose. (This requirement is only applicable for Category¹ 1 to 4 sealed radioactive sources).

A.3 *Specific Requirements for the importation of a Radiation Generator*

A.3.1 The technical specifications of the equipment providing details of the make, model and the maximum machine ratings.

A.3.2 The Certificate of Conformity, issued by a competent body, confirming that the radiation source being imported meets the international standards (e.g. CE/IEC Certified or FDA Approved).

B. *For an Export Permit*

B.1 *General Requirement*

B.1.1 The Business Registration Card (BRC) of the applicant issued by the Government of Mauritius (if applicant is a registered company in Mauritius), or the National Identity Card of the applicant issued by the Government of Mauritius (if the applicant is a citizen of Mauritius), or the first two pages of the passport (if the applicant is a non-citizen of Mauritius).

B.2 *Specific Requirements for the exportation of a Sealed Radioactive Source*

B.2.1 The Leak Test Certificate issued by a competent body for a leak test carried on the source not earlier than 3 months from the date of the submission of the application for the Permit.

B.2.2 The Import Authorisation issued by the regulatory body of the Importing State authorising the importation of the source. (only applicable for Category¹ 1 and 2 sealed radioactive sources).

¹ See IAEA Safety Guide No. RS-G-1.9 on Categorization of Radioactive Sources

5. Applicable Fees for a Permit

All Permits issued shall be subject to the payment of the appropriate fee as prescribed in the *Radiation Safety and Nuclear Security (Control of Import and Export of Radiation Sources and Other Controlled Items) Regulations 2019*. The applicable fees are specified in the table below.

Applicable Fee	Amount (Rupees)
Fee for the issue of an Import Permit for the importation of radiation source or other controlled item <ul style="list-style-type: none">• in a single shipment• in multiple shipments over a period not exceeding 12 months	1,000 5,000
Fee for the issue of an Export Permit for the exportation of radiation source or other controlled item	1,000

6. Radiation Sources and Other Controlled Items Subject to a Permit

The list of radiation sources and other controlled items which are subject to a Permit for their importation in, or exportation from, Mauritius is at ***Annex II***.

Annex I

Procedures for Registration to the Mauritius Network Services (MNS)

1. The applicant should complete and submit the documents listed below, together with a copy of his TAX Registration and Business Registration Card/ National Identity Card, to the MNS Customer Service on customer.service@mns.mu.
 - Subscriber Account Registration Form; and
 - Network Service Agreement

The Subscriber Account Registration Form and the Network Service Agreement are downloadable from MNS Services website (<http://servicesmns.mu>). These documents may also be collected at the office of MNS at Silicon Avenue, Cybercity, Ebene, or at the Head Office of the RSNSA at 37, Saint Georges Street, Port Louis.

2. After submission of the application for registration to MNS, the Customer Service will contact the applicant for the opening of the pre-paid deposit account. This account will be solely used for the payment of fee to be levied by MNS for the submission of an application through TradeNet. The applicant may refer to the MNS website for more information on the terms of payment. (<http://servicesmns.mu/tradelink.html>)
3. Upon successful registration of the applicant, MNS will send login credentials to all the users as designated by the applicant in the registration form for access to the TradeNet.
4. The designated users will be able to login the TradeNet Portal and electronically submit an application for a Permit to the RSNSA. The applicant will be charged by MNS for every application submitted through the TradeNet. The applicant should therefore have sufficient funds in his prepaid deposit account to be able to submit an application for a Permit.
5. The Applicant may contact the MNS Customer Service for any further information or assistance for registration. The contact details are as follows -
[Phone: (+230) 401 6805; Fax: (+230) 401 6802; Email: customer.service@mns.mu]

Annex II

List of Radiation Sources and Other Controlled Items Subject to a Permit

HEADING	H.S. CODES	DESCRIPTION OF GOODS
RADIOACTIVE CHEMICAL ELEMENTS AND RADIOACTIVE ISOTOPES		
2844		Radioactive chemical elements and radioactive isotopes (including the fissile or fertile chemical elements and isotopes) and their compounds; mixtures and residues containing these products
	2844.10.00	- Natural uranium and its compounds; alloys, dispersions (including cermetes), ceramic products and mixtures containing natural uranium or natural uranium compounds
	2844.20.00	- Uranium enriched in U235 and its compounds; plutonium and its compounds; alloys, dispersions (including cermetes), ceramic products and mixtures containing uranium enriched in U235, plutonium or compounds of these products
	2844.30.00	- Uranium depleted in U235 and its compounds; thorium and its compounds; alloys, dispersions (including cermetes), ceramic products and mixtures containing uranium depleted in U235, thorium or compounds of these products
	2844.40.00	- Radioactive elements and isotopes and compounds other than those of 2844.10.00, 2844.20.00 or 2844.30.00; alloys, dispersions (including cermetes), ceramic products and mixtures containing these elements, isotopes or compounds; radioactive residues
	2844.50.00	- Spent (irradiated) fuel elements (cartridges) of nuclear reactors
2845		Isotopes other than those of 2844; compounds, inorganic or organic, of such isotopes, whether or not chemically defined
	2845.10.00	- Heavy water (deuterium oxide)
	2845.90.00	- Other

HEADING	H.S. CODES	DESCRIPTION OF GOODS
NUCLEAR REACTORS; FUEL ELEMENTS (CARTRIDGES), NON-IRRADIATED FOR NUCLEAR REACTORS, MACHINERY AND APPARATUS FOR ISOTOPIC SEPARATION		
8401		Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation
	8401.10.00	- Nuclear reactors
	8401.20.00	- Machinery and apparatus for isotopic separation, and parts thereof
	8401.30.00	- Fuel elements (cartridges), non-irradiated
	8401.40.00	- Parts of nuclear reactors

APPARATUS BASED ON THE USE OF X-RAYS OR OF ALPHA, BETA OR GAMMA RADIATIONS

9022		Apparatus based on the use of X-rays or of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like.
9022.1		Apparatus based on the use of x-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus
	9022.12.00	- Computed tomography apparatus
	9022.13.00	- Other, for dental uses
	9022.14.00	- Other, for medical, surgical or veterinary uses
	9022.19.00	- For other uses
9022.2		Apparatus based on the use of x-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus
	9022.21.00	- For medical, surgical, dental or veterinary uses
	9022.29.00	- For other uses
	9022.30.00	- X-ray tubes