



Sri Lanka Atomic Energy Act No. 40 of 2014
SRI LANKA ATOMIC ENERGY REGULATORY COUNCIL



Application for the Renewal of a licence for Sterilization and Food Preservation, Blood Irradiation Using Ionizing Radiation

Sources covered by this application: Gamma Irradiation Chambers/Electron Beam Accelerators/ X-ray machines

Maximum Validity Period of Licence- Two Years

This application should be duly filled and submitted to the Sri Lanka Atomic Energy Regulatory Council, 03 months prior to the date of expiry of the licence to get it renewed as described in section 28 (1) of the Sri Lanka Atomic Energy Act No. 40 of 2014.

(1) General information: (Provision of all information requested below is compulsory)

Details of the applicant	
Name with initials of the Applicant* (Licencee)	
Designation of the Applicant (If applicant is a person)	
Name and Address of the institute	
Name & designation of the Head of the institution (If not the Licencee)	
Telephone No./ Fax No.	
E-mail address	
Existing licence No.	
Date of expiry of the licence	
Period for which the licence to be renewed; (ex:- 2020 & 2021 etc., depending on the recommended licence period)	
Name with initials of the radiation protection officer (RPO)	
Mobile No. of RPO	
Business registration No. (only for private entities). Please attach a copy of registration	
Address where the source/ equipment are used (if different from the above address)	
Telephone No./ Fax No.	
Purpose of use	
Important Requirement: Application for licence of food preservation shall accompany with a letter from Health Ministry giving approval for foods to be irradiated.	

*Head of the institute or his representative, applicant may be either institute or a person

(2) Information of personnel to be authorized:

2.1 Details of personnel to be authorized to operate the Gamma irradiation chambers/Electron beam accelerators/ X-ray machines:

(if space is not adequate, use additional papers with same format to provide all information)

Name with initials	Date of Birth	National ID number (Compulsory)	Designation	Qualifications & experience*	Details of radiation protection training received (title of training, organizer, year, training code etc.) *

** Attach certificates of new workers who are not authorized in the previous licence*

2.2 Details of personnel to be authorized to work in control areas: *(if space is not adequate, use additional papers with same format to provide all information)*

Name with initials	Date of Birth	National ID number (Compulsory)	Designation	Qualifications & experience	Details of radiation protection training received (title of training, organizer, year, training code etc.)

(3) Details of machines & sources:

3.1 Details of the electron beam accelerator/X-ray irradiators:

Type/Make of the Electron beam accelerator	Max energy MeV	Serial number	Beam Current mA	Purpose of use and status of the device	Import authorization letter number	Room plan approved letter No. and date
Eg: Toshiba	2.5	65267	65	Sterilization	AERC/IMP/A1/01	AERC/CS/A1/01

3.2 Details of the Gamma chambers:

Irradiator facility details		
	Irradiator 1	Irradiator 2
Model/Type, identification number of the irradiator		
Name and address of the manufacturer/s of the irradiator		
Approved room plan number and date		
Source details	Details of sources in irradiator 1	Details of sources in irradiator 2
Radionuclide		
No. of sources installed		
Model No. of the source		
Current activity with date (MBq/Ci)		
Import authorization number and date		

3.3 Details of the X-ray machines used for blood irradiation:

Model/Type and identification number of the irradiator	Serial number	Max kV/mA	Purpose of use	AERC Import authorization letter number	Room plan approved letter No./Authorization letter No. and date
Eg:MDS Nordian/Raycell CE	65267	160/20	Blood Irradiation	AERC/IMP/A1/02	AERC/CS/A1/02

3.4 Details of other sources used or stored in the premises (eg: calibration sources etc.)

Radio nuclide	Activity with date	Source serial No.	Purpose of use and status of the source	Import authorization letter number and date
Eg. Cs-137	185 MBq (5mCi)	65267	Test source / use	AERC/IMP/A1/03

(4) Radiation protection, emergency preparedness & training programme:

4.1 Radiation Monitoring Equipment :

Description of radiation monitoring equipment available (survey meters etc.)

Type of equipment	Brand name	Measuring energy range	Model No.	Serial No.	Date of last calibration	Calibration report No.	Status of the equipment

4.2 Emergency preparedness plan:

4.2.1 Emergency procedures and persons to be contacted should be provided for Electron Beam Accelerators/Gamma Irradiation Chambers.

4.2.2 Emergency contact numbers:

Persons to be contacted and their contact numbers during an emergency should be provided

4.2.3 Emergency equipment and accessories available in the institute:

List personnel protective equipment/emergency equipment available

Name of equipment / Tool	Type / Model	No. of units available	Purpose of use

(if space is not adequate, use additional papers with same format to provide all information)

4.3 In an attachment to this application, provide details on the following:

- 4.3.1** Programme established for protection of workers, public and patient including local rules and medical surveillance of workers implemented by the institute (If not implemented provide an action plan for implementation)
- 4.3.2** Measurement of exposure of workers and dose reports (If not implemented provide an action plan for implementation)
- 4.3.3** Educational and training programmes which are conducted by the institute for new workers, refresher training for existing workers on radiation protection and QA. (If not implemented provide an action plan for implementation)
- 4.3.4** Security arrangements made for the source and programme for periodic security review.
In particular information on
- (i) Physical security instruments installed for Gamma Irradiation Chambers
 - (ii) Manual on security programmes or procedures developed.
 - (iii) Training & awareness provided to workers on security of sources & security arrangement made for the facility.
- 4.3.5** Attach site security plan & security contingency plan prepared for Gamma Irradiation Chamber.
- 4.3.6** A list of radiation protection equipment available at the facility

(5) Management of radioactive waste:

Describe procedure for management of radioactive sources when radioactive sources become unusable and arrangements made for repartition of decayed radioactive sources to the supplier/manufacture for disposal.

(6) Implementation of Council's recommendations:

Provide the status of implementation of recommendations given by the Council within last 03 years.

(7) Declaration:

I hereby declare that the all the information submitted is correct to the best of my knowledge and belief. In case, it is found, at any stage, that the information provided by me is false and/or not authentic, then I hereby accept that appropriate regulatory actions may be initiated against me and my institution, in accordance with the provisions of the Sri Lanka Atomic Energy Act No. 40 of 2014 and rules and regulations made there under.

Signature of the applicant
(if not the Head)

Date:-----

Signature of Head of the institution and seal

Date:-----

Instructions for applicants

1. The duly filled application form should be submitted to the Council along with the application processing fee of Rs 2400.00.
2. Processing fees should be made by cheque /MO/PO in favor of the Sri Lanka Atomic Energy Regulatory Council or by cash.
3. Application/s should be submitted to the Council before 30th September of each year along with the **application processing fee of Rs. 2400/=**. If application is not be submitted for renewal before 30th September, the applicant/institute **liable to pay Rs.100.00 as a surcharge for each day** until the date of submission of the renewal application, as per the Rule No. 1924/27 gazetted on 21-07-2015 on this behalf.
4. For any inquiries: Contact : Director, (Authorization) of the Council
General line : **011 2987857,59,60** E-mail : **officialmail@aerc.gov.lk**
Direct line : **011 2984098** E-mail : **prageeth@aerc.gov.lk**
Fax No : **011 2984099**
5. For details of information and to down load the licence application, visit: www.aerc.gov.lk
6. Please forward your applications to:
Director General,
Sri Lanka Atomic Energy Regulatory Council,
No. 977/18,
Kandy Road,
Bulugaha Junction,
Kelaniya.
Fax: 011 2984099
7. The licence renewal fee shall be paid upon receipt of an invoice/ proforma invoice.

Important: Incomplete applications and/or applications with insufficient information are liable to be returned to the applicant or rejected.