



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



Application for a modification of a licence issued for the practices involving ionizing radiation

This application should be duly filled and submitted to the Sri Lanka Atomic Energy Regulatory Council to obtain a modification to the existing licence as described in section 27(1) of the Sri Lanka Atomic Energy Act No.40 of 2014, if any following modifications are required to be implemented.

1. Name of the applicant (Licencee) :
2. Designation of the applicant :
3. Address of the institute :
4. Name of the Head of the institute :
(If not the licencee)
5. Existing licence No :
6. Expiry date of the licence :
7. Type of modification required :
(Select the modification from the list given below)

	Type of modification required to be authorized	Required modification (✓)
7.1	Modification of physical structure of the radiation facility /Installation of existing source in a new location	
7.2	To employ new workers as radiation workers (doctors, medical physicists, technologists, users, radiation protection officers etc.)	
7.3	New sources sought to be used and added to the license (X-ray machines / equipment containing sources / radioactive materials / gamma camera with calibration sources /PET with calibration sources, Linear Accelerators etc.)	
7.4	Activity of radioactive material to be added above the authorized activity by the licence	

Fill the relevant section based on the type of modification selected in the section 7

7.1.1 Modification of physical structure / new location:

Attach a diagram/s clearly showing the physical modifications/changes to the existing facility & room. If an existing source to be installed in a new location, approved plan number of new facility/ room should be given along with a copy of the letter approved the plan.

7.2.1 To employ new workers as radiation workers*:

Name with initial	Date of Birthday	National ID number (Compulsory)	Designation	Qualification & working experience	Details of radiation protection training/s received (title of training, organizer, year, training code etc.)

7.3.1 Details of new sources* : (Fill Annex-1 if relevant)

Chemical name of radionuclide	Activity	Physical/ chemical form	Use/ application	SLAERC import authorization number

7.3.2 X-ray machines / Linear Accelerators* : (Fill Annex-1 if relevant)

Machine type	Brand name	X-ray tube model/accelerator model	X-ray tube serial No/machine serial No.	X-ray tube outputs. (Max kVp/ mA /mAs), X-ray energies and electron energies for accelerator	Identification of room/ location	Whether room plan is approved by the SLAERC (yes or no)	If yes, room plan number/authorized letter number and date	SLAERC Import authorized letter number for machine/ X-ray tube importation	Present status

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

7.3.3 Other machines which involve exposure of persons*: (Gamma camera, PET scanner, etc): (Fill Annex-1 if relevant)

Machine type	Brand name	Purpose of the use	If a source is installed in the machine, radionuclide & activity	Identification of room/ location	Whether room plan is approved by the SLAERC (yes/no)	If yes, room plan number/authorized letter number and date	SLAERC Import authorized letter number for machine	Present status

7.4.1 Activity of radioactive material to be added above the authorized activity *: (Fill Annex-1 if relevant)

Chemical name of radionuclide	Activity authorized by the licence(mCi/MBq)	Activity to be added to the licence (mCi/MBq)	Physical/ chemical form	Use/ application	SLAERC import authorization number

08. Declaration :

I hereby declare that all the information submitted is correct to the best of my knowledge and belief.

Signature of the applicant of licence and seal (if not the Head)

Date

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

Signature of the Head of the institute and seal

Date

Annex-1

1. Information of employees who will be involved in in connection with the use of new equipment/ sources

1.1. Medical Specialists & Physicists

Name with initial	Date of Birthday	National ID number (Compulsory)	Designation	Qualification & working experience	Details of radiation protection training/s received (title of training, organizer, year, training code etc.)

1.2. Radiological Technologists

Name with initial	Date of Birthday	National ID number (Compulsory)	Designation	Qualification & working experience	Details of radiation protection training/s received (title of training, organizer, year, training code etc.)

2. Implementation of administrative rules and QA programme in connection with the use of new machine/sources

In an attachment to the modification application, provide information for the followings;

- 2.1. Details of the QA programme conducted by the institute
- 2.2. Details of local rules implemented by the institute
- 2.3. Details of personal monitoring service implemented by the institute:
Provide details of personal monitoring of workers including details of maintenance of dose reports.
- 2.4. Educational and training programmes which are conducted by the institute for new workers, refresher training for workers presently work at the facility on radiation protection and QA. (If not implement provide an action plan for implementation)
- 2.5. Waste management programme with respect to the radioactive material to be used in connection with the new equipment:
Provide details of waste management procedure in particular,
 - a. Type of waste generated
 - b. Segregate of waste
 - c. Storage of waste
 - d. Decontamination procedure
 - e. Root of release of liquid waste if generated
 - f. Method of final disposal