



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



## Application for a Renewal of the Licence for Industrial Radiography Using Ionizing Radiation

**Sources covered by this application:** Gamma/ Neutron/ Beta Radiography sources and X-ray machines

### Maximum validity period of the licence - One year

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 formation requested below is compulsory)*

|   |  |
|---|--|
| Name with initials of the Applicant* (Licencee)   |  |
| Designation of the Applicant (If applicant is a person)   |  |
| Name & 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 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). <b>Please attach a copy of registration</b>        |  |
| Address where the sources/ equipment are permanently kept   |  |
| Telephone No./ Fax No.  |  |
| Addresses of all known open sites (use separate sheets if necessary)                                      |  |

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

**(2) Information of users to be authorized:**

**2.1. Details of personnel to be authorized to operate and use of industrial radiography sources and 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 | Qualification & experiences in the relevant field* | Details of radiation protection trainings 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 in the relevant field | Details of radiation protection trainings received (title of training, organizer, year, training code etc.) |
|--------------------|---------------|---------------------------------|-------------|---|---|
|                    |               |                                 |             |   |   |
|                    |               |                                 |             |   |   |
|                    |               |                                 |             |   |   |
|                    |               |                                 |             |   |   |

**(3) Sources:** (Use separate sheets if necessary for the following tables)

**3.1 Details of gamma sealed sources and radiographic devices to be used:**

| Manufacture & model of the device | Serial No. | Radio nuclide | Activity with date MBq/Ci | Source serial No. | Status of the device | Import authorization number |
|-----------------------------------|------------|---------------|---------------------------|-------------------|----------------------|-----------------------------|
|                                   |            |               |                           |                   |                      |                             |
|                                   |            |               |                           |                   |                      |                             |
|                                   |            |               |                           |                   |                      |                             |
|                                   |            |               |                           |                   |                      |                             |

**3.2 Neutron radiography/ Beta radiography:**

| Manufacturer model of the device | Serial No. | Radio nuclide | Neutron yield | Avg. neutron energy | Status of device | Import authorization number |
|----------------------------------|------------|---------------|---------------|---------------------|------------------|-----------------------------|
|                                  |            |               |               |                     |                  |                             |
|                                  |            |               |               |                     |                  |                             |
|                                  |            |               |               |                     |                  |                             |
|                                  |            |               |               |                     |                  |                             |

**3.3 X-ray equipment: details of X-ray generators involved in the work:**

| Name, make & model | Tube serial No. | Max. kV | Max. mA | Status of the device | Import authorization number |
|--------------------|-----------------|---------|---------|----------------------|-----------------------------|
|                    |                 |         |         |                      |                             |
|                    |                 |         |         |                      |                             |
|                    |                 |         |         |                      |                             |
|                    |                 |         |         |                      |                             |

### 3.4 Details of the sources stored:

| Radio nuclide | Activity with date (MBq/Ci) | Source/s No. | Status of the source active in storage/decayed | Import authorization number |
|---------------|-----------------------------|--------------|--|-----------------------------|
|               |                             |              |  |                             |
|               |                             |              |  |                             |
|               |                             |              |  |                             |

### (4) Radiation protection and security programme

#### 4.1. Radiation monitoring equipment: Description of radiation monitoring equipment available (survey meters, area monitors 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 Implementation of emergency preparedness plan:

***Details of emergency procedures developed by the institute to the following emergencies:***

(if not implemented, provide action plan for implementation)

- |                                       |   |
|---------------------------------------|---|
| a) Loss of a source                   | b) An accident during transport of a source |
| c) A Source damage and leakage source | d) An attempt of stealing of a source       |
| e) Fire involving a source            | f) Detaching a source from the guide tube   |
| g) Over exposure of a person          | h) Source stuck                             |

#### 4.3 List emergency equipment available:

(lead bricks, lead pots, remote handling tools, cordoning off ropes, radiation warning labels, transport containers etc.)

| Name of equipment / tool | Type / model | No. of units available | Purpose of use |
|--------------------------|--------------|------------------------|----------------|
|                          |              |                        |                |
|                          |              |                        |                |
|                          |              |                        |                |

**4.4 Implementation of administrative rules and QA programme:**

**4.4.1 Details of local rules implemented by the institute:**

(If not implemented provide an action plan for implementation)

**4.4.2 Details of educational and training programmes:**

(If not implemented provide an action plan for implementation)

**4.4.3 Measurement of exposure of workers and dose report:**

(If not implemented provide an action plan for implementation)

**4.4.4 Security arrangement provided for the sources to prevent the followings:**

Control of unauthorized access or damage to source, loss, theft, authorized transfer and loss or theft of sources during transport.

**4.4.5 Safety review:**

Describe your program of periodically review procedures, assessment of the quality of main safety equipment.

**(5) Management of radioactive waste:**

Describe procedure for management of radioactive sources when sources become unusable and arrangements made for repartition of decayed 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 thereunder.

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Signature of the applicant  
(if not the Head)

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Signature of Head of the institution and seal

Date:-----

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 30<sup>th</sup> September of each year along with the **application processing fee of Rs. 2400/=**. If application is not be submitted for renewal before 30<sup>th</sup> 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](http://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**