Form E	Revision 02

ATOMIC ENERGY AUTHORITY ACT NO. 19 OF 1969

APPLICATION FOR LICENCING OF *INDUSTRIAL RADIOGRAPHY* FACILITIES

(This application should be used only for licencing of Industrial Radiography Facilities)

Frequency of Licence : till 31st December of the respective year

TYPE OF LICENCE

New Application ☐

Renewal of existing Licence ☐

If renewal,
Existing license No …….
Date of expiry……

PURPOSE OF APPLICATION Possession / Use / Storage

(Please read the instructions and definitions given in page 08 and page 09 before filling the application form)

Part I - GENERAL INFORMATION

I-1. Name of the Applicant [1]:……..……

I-2 (a) Name of the organization:……..

(b) Address :

Mailing address	Address of the place where sources are used/kept (if different from mailing address)
…… …… …..…… Tel:……. Fax……..……	……..…… …… …… Tel:…… Fax……

(For1,2 please ref. Definitions On page 10)

For Office Use Only	RAN

(b) Will the work be carried out any places (open sites) other than the above address?
……
……
……

If yes, list all other known addresses below.

1	**2**
…… …… …… …… …… …… …… ……....	…… …… …… …… …… …… …… ……

3	**4**
…… …… …… …… …… …… …… ……....	…… …… …… …… …… …… …… ……

I-3 Name of responsible representative of the applicant[2]:

Name: …….. …….

Designation: ……

Tel No: ……. Fax No: ……..

1-4. Information of other responsible persons and authorized users. *(Name of the all persons who are involved in use of radiation sources should be mentioned.)*

No	Name	Designation	Qualifications & Experience	Details of Radiation Protection training received (title of training, organizer, year, training code etc.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Use additional papers if necessary.

Part 2 – SOURCES

2-1 (a) Details of sealed sources and radiographic devices involved in the work:

Name, Make & Model of the device	Serial No	Radio nuclide	Activity with date	Source Serial No	Status of source & device
Ex: TECH-OPS 660	24367	Ir-192	50 Ci on 10.12.2000	23456	working

Use additional papers if necessary

Attach the copies of certificates issued by the manufacturer for each of the device and source including leak test certificates of the sources.

(b) X-ray Generators

Name, Make & Model	Serial No	Max. kV	Max. mA	Status of the device
Ex: Regaku U – 250	XA 05396	250 kV	5 mA	Working

Use additional papers if necessary

Attach the copies of certificates issued by the manufacturer for the devices.

(c) Details of the sources stored (Sources used for Industrial Radiography and related work)

Radio nuclide	Activity with date	Source S/No.	Status of the source Active in storage / decayed
Ex. Ir – 192	100 mCi 10.01.2000	65267	Decayed

Part 3 - FACILITIES AND EQUIPMENT

3-1 Facility specifications:

a) Attach the site map indicating access route to the facilities mentioned under I-2 (a) and (b).
b) Attach the detailed plan of the facility indicating,

i **Source storage**, including adjacent rooms, security precautions etc.
ii **Fully enclosed radiography facilities** including adjacent rooms, building materials, wall thickness, interlock systems and warning devices, penetrations or openings in the shielding material etc.
iii. **Open radiography sites** including immediate surroundings

3-2. Equipment specifications:

a) Description of radiation monitoring equipment available. (Survey meters, area monitors, etc.)

Type of Equipment	Manufacturer	Model No.	Serial No.	Date of last calibration	Status of the equipment

Use additional papers if necessary.

b) Description of personnel protective equipment/emergency equipment available (lead bricks, lead pots, remote handling tools, cordoning off ropes, radiation warning labels, transport containers etc)

Equipment / Tool	Type / Model	No. of units available	Purpose of use

Use additional papers if necessary.

Part 4 - RADIATION PROTECTION AND SAFETY PROGRAMME

4-1. Radiation Protection Officer- Level 2

Name : ……
Qualifications: …….
……
Experience:……..
……
Tel : ……Fax:……E-mail…….

4-2. Monitoring Programme

a) Workplace monitoring

Describe your program for monitoring the workplace (area monitoring.) including the frequency of measurements are to be made, measurement methods and procedures, reference levels and the actions to be taken if they are exceeded.

……

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……

……

……

b) Individual monitoring

Describe the personal monitoring services provided for radiation workers

Type of dosimeter	No. of workers monitored
Thermoluminescent Dosimeters(TLD)	
Direct Reading Dosimeter (DRD)	
Other (specify) …….	

In an attachment to this application, please provide following information.

4-3 Local Rules and Supervision

a) Describe your local rules and procedures regarding investigation or authorized levels for individual monitoring, area monitoring, leak testing, area classification and employing female workers of pregnancy, classification of areas.

b) Describe your personnel training programme to ensure all appropriate personnel are adequately trained in radiation safety.

c) Describe your program of health surveillance (occupational health & initial and continuing fitness of workers for their intended tasks.)

4-4 Quality Assurance

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

4-5 Transportation of Radioactive Material

If you will be transporting or shipping new or used sources describe your arrangements for preparation and transport of packages containing radioactive sources

4-6 Emergency Procedures

Describe your emergency preparedness programme to address potential emergencies such as loss of radioactive sources, potential damage to the sources, loss of source shielding, stuck sources or substantial accidental exposure of an individual etc.

4-7 Transfer or Disposal of Radioactive Sources

Describe arrangements for storage & disposal of spent radioactive sources /radioactive material

4-8 Security of Radioactive sources

Describe arrangements made:

a) to prevent unauthorized access or damage to and for loss; theft or unauthorized transfer of radioactive sources.

b) to mitigate or minimize the radiological consequences of any malicious act involving a radioactive sources.

Part 5-DECLARATION:

I hereby declare that the information provided on this form and in support of this application is to the best of my knowledge complete and true.

…….. Date

…… Signature of the applicant or responsible representative of the applicant and official seal.

Instructions for filling the application

1. For all categories of applications (new, amendment and renewal), Part I to 4 should be filled.

2. If new sources are added or activities increased, during the validity period of the licence, an amendment to the existing licence is required. (Application form for amendment of use of Industrial Radiography equipment should be filled. This form can be obtained from the AEA on request.)

3. For renewal, application should be submitted 2 months prior to expiry of the existing license.

4. Licence Fee

4.1 Renewal Fee

Type of facility	Fee for One Unit (Including 125 Vat and 3% NBT)
Industrial Radiography Equipment both Gamma Camera and X-ray machine	6790.09
storage of Radiation sources (any quantity)	5532.67

4.2 Fee for New Facility

Type of facility	Licence starting from	Fee for One Unit (Including 125 Vat and 3% NBT)
Industrial Radiography Equipment both Gamma Camera and X-ray machine	1st Quarter to end of the Year	6790.09
	2nd Quarter to end of the Year	5092.59
	3rd Quarter to end of the Year	3395.06
	4th Quarter to end of the Year	1697.53
storage of Radiation sources (any quantity)	Less than one year	5532.67

5. Please note that the inspection charge will be levied in addition to the licence fee as per rates determined by the authority.

6. Duly filled application forms (new, renewal) should be submitted to the AEA **without the licence fee.**

7. All payments should be made by cheque /MO/PO or by cash drawn in favor of the Atomic Energy Authority **after an invoice is received**.

8. Please forward your application to

Head, Division of Radiation Protection
Atomic Energy Authority,
60/460, Baseline Road,
Orugodawatta,
Wellampitiya.

Tel : 0112 533427-8, 0112 534209
Fax : 0112 533448
E-mail: Official mail@aea.ac.lk
Web: http:/www.aea.ac.lk/

Definitions

1. **Applicant** : Any legal person who applies to the Atomic Energy Authority for authorization to undertake any of the actions described in the Atomic Energy Safety Regulations No 1 of 1999.

   Any organization, corporation, partnership, firm, association, trust, state, public or private institution, group, political or administrative entity or other persons designated in accordance with national legislation, who or which has responsibility and authority for any action taken under the Atomic Energy Safety Regulations No 1 of 1999.

2. **Responsible representative of the Applicant**:

   The applicant shall bear the responsibility for setting up and implementing the technical and organizational measures that are needed for ensuring protection and safety for the sources for which they are seeking authorization. The applicant may appoint a representative to carry out actions and tasks related to the application, but retain the responsibility for the actions and tasks themselves. In this case, the representative can make commitments on behalf of the legal person on all tasks and actions relating to the application.