

## LICENSING AT AEC

1. Fill and return completed notification form for any intended practice
2. Council receives the notification form and gives the client relevant application forms according to the notified practice.
3. Filled and completed application forms are returned to Council
4. Council within 30 days after receipt of application, verifies, assesses and reviews the application forms and the applicant is contacted in case of any missing or additional information.
5. Quotation (Invoice) is sent to the applicant
6. Upon honoring the invoice Council issues the applicant with the license/permit.

**Note: The licensing/procedure according to the Atomic Energy Act, 2008 35 (3) takes a maximum of 90 days, but for a complete application, the process could take less time depending on the nature of the practice.**

## AUTHORIZATION FEES AND CHARGES

1	Personal Dosimetry	0.5 currency points
2	Cost of card	7.5 currency points
3	Radionuclide Contamination Testing	5 currency points
4	Notification	1 currency point
5	Safety assessment and authorization to possess and use –Categories 3& 4	25 currency points per source
6	Safety assessment and authorization to possess and use –Categories 1& 2	40 currency points per source
7	Authorization to import/ export sources- Categories 3&4	25 currency points per source
8	Authorization to import/ export sources- Categories 1&2	40 currency points per source
9	Training and specialized services	variable
10	Authorization to transport and store	10 currency points
11	Decommissioning, sell, transfer, loan or lease of sources- Categories 3&4	25 currency points per source
12	Decommissioning, sell, transfer, loan or lease of sources- Categories 1&2	40 currency points per source
13	Modification of facility or premises- Categories 3&4	25 currency points per source
14	Modification of facility or premises- Categories 1&2	40 currency points per source
15	Authorisation to use radiation premises-Categories 1&2	40 currency points per source
16	Authorisation to use radiation premises-Categories 3&4	25 currency points per source

Note: 1 currency point= 20,000/=

## DURATION OF AUTHORIZATION RENEWAL

Category	Renewal of License
1 & 2	Every after 1 year
3 & 4	every after 2 years
5	notification

## CATEGORIZATION OF SOURCES

### Category 1

- Teletherapy
- Irradiators
- Use of unsealed sources
- Manufacturing of sources
- Storage of radioactive material or waste and disposal
- Crawler control sources
- Radioisotope thermoelectric generators (RTGs)
- And others

### Category 2

- Brachytherapy, (High Dose Rate and Medium Dose Rate)
- Drill-to-stop
- Logging-while-drilling
- Tracer/Tracer studies
- Collar markers
- Radioactive collar markers
- Neutron accelerator tubes
- Depleted uranium sinker bars
- Gamma radiography projectors
- Oil well logging bull plugs (neutron and gamma)
- Gamma radiography crawlers
- Industrial radiography
- CT scanners and Angiography machines
- Fluoroscopy machines
- And others

### Category 3

- Low-activity sealed sources
- X-ray fluorescence
- Distribution of consumer products
- Fixed industrial low-activity gauges
- Well logging

- Density gauges, level gauges, backscatter gauges, moisture or density gauges, In-stream analysis gauges, Fixed gauges used at temporary jobsites.
- Plane X-ray machines
- Panoramic x-ray
- Directional
- And Others

#### **Category 4**

- Low dose rate brachytherapy sources (except eye plaques and permanent implants)
- Industrial gauges that do not incorporate high activity
- Bone densitometers
- Static eliminators
- Fixed industrial low-activity gauges
- Dental X-ray diagnostics
- And Others

#### **Category 5**

- Low dose rate brachytherapy eye plaques and permanent implant sources
- X ray fluorescence (XRF) devices
- Electron capture devices
- Mossbauer spectrometry sources
- Positron emission tomography (PET) check sources