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THE ATOMIC ENERGY ACT,

(CAP. 188)

REGULATIONS

(Made under section 69 and 70)

THE ATOMIC ENERGY (FEES AND CHARGES) REGULATIONS, 2022

ARRANGEMENTS OF REGULATIONS

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3. Interpretation.
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5. Fees for pre authorisation and follow up inspections.
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SCHEDULE

THE ATOMIC ENERGY ACT,

(CAP. 188)

REGULATIONS

(Made under sections 69 and 70)

THE ATOMIC ENERGY (FEES AND CHARGES) REGULATIONS, 2022

- | | |
|----------------|--|
| Citation | 1. These Regulations may be cited as the Atomic Energy (Fees and charges) Regulations, 2022. |
| Application | 2. These Regulations shall apply to all activities, practices and services offered by the Commission. |
| Interpretation | 3. In these Regulations, unless the context otherwise requires- |
| Cap. 188 | “Act” means the Atomic Energy Act;
“category 1” means all extremely dangerous radioactive material which if not safely handled, managed or securely protected would cause serious injury to persons handling or in contact with it within few minutes;
“category 2” means dangerous radioactive material which if not safely handled, managed or securely protected could possibly be serious injury to persons handling or in contact with it within a period of several hours or a day;
“category 3” means dangerous radioactive material which if not safely handled, managed or securely protected could possibly cause serious injury to persons handling or in contact with it within a period of several days;
“category 4” means sources which are unlikely to be dangerous and it is very unlikely that anyone would be permanently injured by these sources;
“category 5” means sources which are most unlikely to be |

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dangerous and no one could be permanently injured by these sources and if dispersed, could not permanently injure people;

“Commission” means the Tanzania Atomic Energy Commission established under section 5 of the Act;

“Minister” means the Minister responsible for atomic energy matters;

“pre-authorisation” means inspection taking action before authorisation for new practise;

“prospecting” means all processes or activities including exploration undertaken for the purpose of determining or discovering whether or not there is deposits of radioactive ore in a given site or area;

“shipment” means an amount of a particular kind of cargo that is transported to another country or within the country on a ship, train, aeroplane, or other vehicle at one time.

License and
registration
fee for
various
practices

4. The Commission shall charge fees in the manner and modalities prescribed in the First Schedule in respect of every license granted under the Act and any Regulations made there under.

Fees for pre
authorisation
and follow up
inspections

5.-(1) The Commission shall charge pre-authorisation and follow up inspection fees in the manner and modalities prescribed in the Second Schedule in respect of every inspection activity described under the Act and any regulations made thereunder.

(2) The Commission shall charge fees for manufacturers and distributors of food chain materials within the country in the manner and modalities prescribed in the Fourth Schedule.

Fees and
charges for
activities
relating to
minerals

6. A person who intends to undertake any authorised activity relating to prospecting, exploration, mining and processing of radioactive minerals or uranium shall, before undertaking such an activity, pay fees to the Commission in the manner prescribed in the Third Schedule.

Fees for
radioactivity

7. The Commission shall charge fees for any analysis of radioactivity on food chain and related

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analysis of
food chain commodities in the manner prescribed in the Fourth
Schedule.

Fees for
various
services **8.** The Commission may, through an agreement,
provide services related to its authorised functions and
such services may be chargeable in the manner provided
for in the Fifth Schedule.

Revocation
GN. No.
366 of 2011 **9.** The Atomic Energy (Fees and Charges)
Regulations, 2011 are hereby revoked.

FIRST SCHEDULE

(Made under regulation 4)

FEES FOR LICENSING/REGISTRATION OF VARIOUS PRACTICES

**1. Applications for Authorization of Medical and Non-Medical Radiation
Generating Devices and Radiation Sources, research clearance, scrap metals**

S/No.	Type of service	Charges (Tshs)
1	For authorization to use, possess, operate, hire, import, export or transfer of medical diagnostic equipments	200,000/= per unit.
2	For authorization to use and possess, operate, hire, Import or export CT scanner, therapeutic (teletherapy and brachytherapy), angio-suite, MRI, Nuclear Medicine, PET CT and biological irradiation facilities	300,000/= per unit
3	For authorization to use, possess, operate, hire, import, export or transfer non-medical radiation emitting equipment, device, communication base stations, premises for storage of radiation sources, and research clearance	300,000/= per unit, base station or research
4	For authorization to use, possess, operate, import, export, hire, au transfer class 4 laser product, cyclotron, Non-Medical Linear Accelerator, Fixed X-ray or Radioactive Devices for Non Destructive Testing, Cargo or Container Inspection scanner, or other devices of considerable significant high risk, soil sample containing radioactive materials, Natural Occurring Radioactive Materials (NORMs); and screening of consignment of	500,000/= per unit/consignment

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	scrap metals.	
5	For authorisation to use, possess, operate, hire, transfer, export or import industrial irradiation source/facility, nuclear research reactor, radioactive minerals,	5,000,000/= per unit
6	For authorisation of siting, construction, operation or decommissioning of Nuclear Power Plant	Tanzania Shillings 10,000,000/=
7	Additional fee for authorization to import all Ionizing and Non-Ionizing Radiation emitting equipment or devices of age above 8 years since manufactured.	Tanzania Shilling 1,000,000/= per unit

2. Registration of Qualified personnel, Technical Service Providers and a License to Transport Radioactive Sources

S/No.	Type of Service	Charges (Tshs)
1	For the registration of qualified personnel to administer ionizing radiation to persons.	Free of charge
2	For the registration of qualified personnel to operate, install, repair and maintenance of radiation devices or apparatus or plant.	50,000/= for every five (5) years
3	For Authorization to transport Category 1 to 5 radioactive material, Minerals containing radioactive materials and Natural Occurring Radioactive Materials (NORMs) within and or on transit through Tanzania (excluding reimbursable)	1,000,000/= per service excluding reimbursable.
4	For Authorization to provision of technical services such as Personnel dosimetry, workplace monitoring, standards calibration, environmental monitoring, radio analytical measurements, repair and maintenance of nuclear equipment, supplier of radiation devices, transporters of radioactive materials, storage of radiation devices, radiation protection training services providers, quality assurance and quality control services providers	1,000,000/= per service excluding reimbursable.

SECOND SCHEDULE

(Made under regulation 5)

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PRE-AUTHORISATION AND FOLLOW UP INSPECTION FEES

Applications for Non-routine inspection fee for radiation facility or activity for Medical and Non-Medical shall be charged as follows:-

S/NO	TYPE OF PRACTICE	FEES (TSHS)
1.	For assessment and inspection of Radiology X – ray unit	100,000/= per unit excluding reimbursable.
2.	For assessment and inspection of Radiation emitting equipment, device and communication base stations, and radioactive material storage facility and other low and moderate risk practices	200,000/= per unit or center excluding reimbursable.
3.	For assessment and inspection of class 4 laser product, Linear Accelerator, Fixed X-ray or Radioactive Devices for Non Destructive Testing, Cargo or Container Inspection scanner, Cyclotron or CT scan, Magnetic Resonance Imaging (MRI), scrap metals warehouse and other devices of considerable significant high risk excluding reimbursable	500,000/= per unit excluding reimbursable.
4.	For each assessment or inspection during siting, construction, commissioning, operation and decommissioning of mines containing naturally occurring radioactive minerals or conventional mines, assessment of radon gas concentration in underground mines, irradiator facility	5,000,000/= per service excluding reimbursable.
5.	For each assessment and inspection during siting, construction, commissioning, operation and decommissioning of Nuclear Power, Nuclear Research Reactor, Radioactive minerals mine, processing, disposal and tailings facility	10,000,000/= per service excluding reimbursable

THIRD SCHEDULE

(Made under regulation 6)

FEES AND CHARGES FOR ACTIVITIES RELATING TO PROSPECTING, EXPLORATION, MINING AND PROCESSING OF RADIOACTIVE MINERALS

S/NO	TYPE OF PRACTICE	CHARGES (TSHS)
1.	Permit for prospecting of radioactive minerals	20,000,000/= per mining

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S/NO	TYPE OF PRACTICE	CHARGES (TSHS)
2.	Permit for Siting and construction of a Mine and or Processing Facility	15,000,000/= per mining
3.	Permit for Mining or Processing of radioactive minerals	20,000,000/= per Mining License
4.	Permit for transport and on-transit concentrated radioactive ores	7,000,000/= per shipment
5.	Permit for Decommission and close mine or ore processing facility	20,000,000/= per mine/facility
6.	Verification in respect of decommissioning processing of radioactive minerals mine and its processing facilities	20,000,000/= per annum per mine or processing facility

FOURTH SCHEDULE

(Made under regulations 5(2) and 7)

FEES FOR RADIOACTIVITY ANALYSIS OF FOOD CHAIN AND RELATED COMMODITIES

Category A: For all Imports of Food Chain Materials, Tobacco and Tobacco Products shall be charged as follows:

1. Free of Charge for fertilizers.
2. Free of charge for consignment whole Freight on board value does not exceed one million Tanzanian shillings.
3. 0.4 percent of the Freight on Board value for all import consignments above Tanzanian Shilling 1,000,000 up to an equivalent of one billion Tanzanian shillings.
4. Tanzanian shillings four million for the consignment whole Freight on Board value is above to an equivalent of Tanzanian shillings one billion.

Category B: For all exports of Food Chain Materials including fertilizers, tobacco and tobacco products and imported relief foods

1. Free of Charges for consignment whose Freight on board value does not exceed two thousand US dollars or its equivalent to Tanzanian Shillings.
2. 0.1 percent of the Freight on Board value for all consignments with Freight on Board value above two thousand US dollars (or its equivalent to Tanzanian Shillings) up to one billion Tanzanian shillings.
3. Tanzanian shillings two million for the consignment whose Freight on Board value is above Tanzanian shillings one billion.

Category C: Extra Copy of Radioactivity Analysis Certificate

Each extra certified copy of the Radioactivity Analysis Certificate issued under category A and B of this Schedule for the same consignment shall be charged Tanzanian shillings ten thousand.

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Category D: For all manufacturers, distributors, processors and milling of food chain materials, tobacco and tobacco products and licensees of underground and water reservoir activities

- i. Radioactivity analysis fees for food chain materials, tobacco and tobacco products for all manufacturers, distributors, processors and milling shall be charged per annum as follows:

1. Free for Micro Enterprises and Small Enterprises (SMEs).
2. Tanzania shillings two hundred and fifty thousand for Medium Enterprises (MSEs).
3. Tanzania shillings three hundred thousand (300,000/=) for Large Enterprises (LE)

NOTE:

According to the Small and Medium Enterprise Development Policy (2003), Tanzania defines categories of enterprises as follows:

- a) Micro Enterprises as up to 4 employees or up to 5 Million investments in Machinery
 - b) Small enterprises are mostly formalized undertakings engaging between 5 and 49 employees or with capital investment from Tshs. 5 million to Tshs.200 million.
 - c) Medium enterprises employ between 50 and 99 people or use capital investment from Tshs. 200 million to TZS 800 million.
 - d) Large enterprises employ at least 100 people or have machinery investment above TZS 800 million.
- ii. For radioactivity analysis license to possess and use underground and water reservoir
- a) Tanzania shillings 50,000/= for radioactivity analysis license to use and possess underground and reservoir waters in every three years.

FIFTH SCHEDULE

(Made under regulations 8)

FEES AND CHARGES FOR OTHER RELATED ACTIVITIES OR SERVICES

S/N O.	TYPE OF PRACTICE	CHARGES
1.	To Provide Structural Design and layout of diagnostic X-ray facilities, Review of radiation shielding radiological facilities, perform quality	Tanzania Shillings 200,000/= per unit excluding reimbursable

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S/N O.	TYPE OF PRACTICE	CHARGES
	control tests of diagnostic radiation equipment and testing of integrity of package of radioactive sources for transport and maintenance of survey meters.	
2.	Measurement of a sample by either gamma spectrometry, Energy Dispersive X-Ray Fluorescence (EDXRF) or Total Reflection X-Ray Fluorescence (TXRF)	Tanzania Shillings 100,000/ and 25% discount for a student
3.	Personal dosimetry services for personal dosimetry services per Thermoluminescence Dosimeters (TLDs).	Tanzania Shillings 100,000 per TLD
	For lost Thermoluminescence Dosimeters (TLDs)	Charged as per market price of the Thermoluminescence Dosimeters
4.	Calibration of radiation Survey meter, Electronic personnel dosimeter, individual and environmental monitoring detector	Tanzania Shillings 150,000/= for resident excluding reimbursable USD 150 per unit for non-resident excluding reimbursable
5.	Consultation services on the proper use of X-ray machines.	Tanzania Shillings 500,000 /= excluding reimbursable
6.	Calibration, repair and maintenance of Moisture and density gauges and other radiation emitting equipment	Tanzania Shillings 1,900,000/ per unit excluding reimbursable
7.	Installation, repair and maintenance of X -ray machine	Tanzania Shillings 2,500,000/= per each machine excluding reimbursable
8.	For Transport, Storage and conditioning of a radioactive waste at Central Radioactive Waste Management Facility (CRWMF)	Tanzania shillings 4,000,000/= per source excluding reimbursable

Dodoma,
1st July, 2022

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Minister for Education, Science, and Technology