

TANZANIA ATOMIC ENERGY COMMISSION

(Official Government body responsible for Atomic Energy Matters)

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ARUSHA

TANZANIA

TAEC 11(d)

ATOMIC ENERGY ACT, No. 7 OF 2003

APPLICATION FOR AUTHORIZATION TO OPERATE A NEW RADIOACTIVE MINERAL AND PROCESSING FACILITY

NB: To avoid delays in evaluation, respond to all questions

1. PARTICULARS OF APPLICATION TYPE;			
Legal name of Applicant (e.g. Institute)			
Registration Number/ NIDA for Individual			
Name of legal Person/head of organization			
Title of the legal Person (e.g. Director, etc.)			
Permanent Postal Address			
Telephone No.:	Mobile:	office	Individual
Fax No.		E-mail Address:	
If there is more than one applicant all information on all applicants must be attached as addendum to this application. If the applicant is a joint venture; information on the operator must be attached as addendum to this application.			

2. APPLICANTS CAPABILITY TO CARRY OUT THE PROPOSED ACTIVITY	
Financial Resources (Provide evidence of applicant's financial capability to carry out the proposed exploration program)	
Technical Competence and Experience (Provide evidence of applicant's technical capability to carry out the proposed exploration program and satisfy technical reporting and environmental requirements; Include the names, qualification and prior experience of implementing similar program.)	
Workforce Requirement and Recruitment (Provide the numbers of workers expected to perform the exploration program and the nature of their involvement)	

3. LOCATION OF THE PROPOSED MINE			
Region		District	Ward
Geographical Boundaries (Attach a plan and/ or description, defining the area in latitudes and longitudes with coordinates in whole minute of latitude and longitude, conforming to a north-south, east-west grid)			

4. FACILITY AND EQUIPMENT: Please send to the Commission the following documents, the content which shall include;			
a) a surface plan indicating the boundaries of the mine or ore processing facility and the area where the activity to be licensed is proposed to be undertaken,			
b) a plan showing the existing and planned structures, excavations and underground development,			
c) a description of the mine or ore processing facility, including the installations, their purpose and capacity, and any excavations and underground development,			
d) a description of any activity that may have an impact on the development of the mine or ore processing facility, including any mining-related activity that was carried on at the site before the date of submission of the application to the Commission,			
e) a description of the design of and the maintenance program for every eating area,			
f) the proposed plan for the decommissioning and closure of the mine or uranium ore processing facility, and			
g) a description of the proposed emergency response plan;			
h) a description of the structures, systems and equipment that will be installed at the facility including their design and operation conditions;			
i) the results of the commission work that was made;			

5. In relation to the activity to be authorized;			
a) a description of and the schedule for the planned activity;			
b) a description of the proposed methods for undertaking the activity;			
c) the anticipated duration of the activity; and			
d) the proposed quality assurance program for the activity.			

6. In relation to environment and waste management;
a) Provide the program to inform persons living in the vicinity of the mine or ore processing facility of the general nature and characteristics of the anticipated effects of the activity to be licensed on the environment and the health and safety of persons,
b) Provide the program to determine the environmental baseline characteristics of the site and the surrounding area;
c) Describe the impact on the environment that may result from the activity to be licensed, and the measures that will be taken to prevent or mitigate those effects;
d) Describe the proposed positions for and qualifications and responsibilities of environmental protection workers,
e) Describe proposed environmental protection policies and programs,
f) Describe proposed effluent and environmental monitoring programs;
g) Provide the proposed location, the proposed maximum quantities and concentrations, and the anticipated volume and flow rate of releases of radioactive materials and hazardous substances into the environment, including their physical, chemical and radiological characteristics,
h) a description of the anticipated liquid and solid waste streams within the mine or ore processing facility, including the ingress of fresh water and any diversion or control of the flow of uncontaminated surface and ground water;
i) the proposed measures to prevent or mitigate the effects of accidental releases of radioactive material and hazardous substances on the environment, the health and safety of persons and the maintenance of security;
j) the anticipated quantities, composition and characteristics of backfill, and
k) a description of the waste management system;

7. OCCUPATIONAL HEALTH AND SAFETY PROGRAM
a) Describe the program for selecting, using and maintaining personal protective equipment;
b) Describe the worker health and safety policies and programs,
c) Describe the positions for and qualifications and responsibilities of staff responsible for radiation protection including ventilation;
d) Describe measures to control the spread of any radioactive contamination;
e) Provide the training program for workers,
f) Describe the ventilation and dust control methods and equipment for controlling air quality, and

g) the maintenance and in-service inspection program for the ventilation and dust control systems;

8. ORE PROCESSING FACILITY; The application must also include proposed measures, policies, methods and procedures for:

a) operating and maintaining the ore processing facility;

b) handling, storing and loading concentrates and radioactive materials, both solid and liquid;

c) operating and maintaining the nuclear facility;

d) handling nuclear substances and hazardous materials;

e) controlling releases of nuclear substances and hazardous materials into the environment;

f) waste management system;

g) preventing and mitigating the effects on the environment and health and safety resulting from operation of the facility;

h) ground control measures for mines;

i) assisting off-site authorities in emergency preparedness activities, including assisting off-site authorities to deal with an accidental off site release; and

j) Nuclear Security

9. INDIVIDUAL MONITORING

Are radiation workers being Monitored (Yes/No)	If Yes give the name of Institute providing the Service
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Type of personal dosimeters provided to workers? (*tick the appropriate*)

Thermo luminescent dosimeter (TLD)	Direct reading dosimeters (DRD)	Optically stimulated luminescence (OSL)
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Other(specify):	Is exchange of TLDs done within the specified period of time?	Yes	No
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Number of personnel being Monitored	Any comments to improve the service
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10. EMERGENCY PROCEDURE

Provide your emergency procedures to address emergencies such as substantial accidental exposure of an individual, potential or any other emergencies envisaged.

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11. DETAILS OF A PERSON NOMINATED AS RADIATION SAFETY OFFICER (RSO)				
Full Name			Tel No.	
Email			Qualification (e.g Degree in Science)	
Training of Radiation Safety/Protection				
Year Attend		Institute		Country

*(Attach copies of Certificates if not yet submitted to the Commission)

12. SUPERVISION AND LOCAL RULES
Describe your training program to ensure all appropriate personnel are adequately trained in the correct operating procedures and how their may affect;
Describe how you would provide the information regarding health risks due to occupational exposure:
Describe your policy regarding female workers who become pregnant on notification, adoption of working conditions to protect foetus/embryo and the instructions you will provide to them:

13. DECLARATION
I hereby declare that I am fully aware of my responsibilities in terms of the Atomic Energy Act No.7of 2003 and Atomic Energy Radiation Safety in the Mining and Processing of Uranium Ore) Regulations, 2011 and that failure to comply fully may constitute an offence in terms of the said Act and its associated regulations.

SIGNATURE	
	Applicant
Signature: with legal Stamp	Witness
Date:	
Place:	

SUPPORTING DOCUMENTS CHECKLIST
I have attached the following documents and will be sent along with my application form

<input type="checkbox"/>	Minerals Rights (Ministry of Energy and Minerals)
<input type="checkbox"/>	NEMC decision on EIA report
<input type="checkbox"/>	Radiation Protection Program
<input type="checkbox"/>	Reclamation/Remediation Plan
<input type="checkbox"/>	Radiation Emergency Plan
<input type="checkbox"/>	Layout/ Aerial view of proposed site
<input type="checkbox"/>	Proof of payment of license fees

For Official Use Only

- (i) Date at which application form was received:.....
- (ii) Date at which the Application was evaluated:
- (iii) General Remarks and/or Comments:.....
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