



Republic of Rwanda

**RWANDA ENVIRONMENT
MANAGEMENT AUTHORITY
(REMA)**



CERTIFICATE OF APPROVAL OF ENVIRONMENTAL AUDIT

Application Reference: **LS/15/12/2018/REMA/MGT**
Certificate N°: **.....3...../REMA/DER&PC/18**

In accordance with article No. 32 of the Environmental Law N° 48/2018 of 13/08/2018 determining the modalities of protection, conservation and promotion of environment in Rwanda;

This is to certify that the Environmental Audit Report received from **LuNa Smelter Ltd** of Tel: 0788303959, email; info@lunasmelter.com, was submitted in accordance with the Regulations relating to the Requirements and Procedures for Environmental Audit.

The proposed Tin Smelting in Karuruma, Jabana, Gasabo District, has been reviewed and was found to have significant environmental impacts and appropriate mitigation measures were identified and made a condition precedent for approval and implementation (See annex).

Done at Kigali, on..... **31 DEC 2018**

Signed by

For

Eng. Coletha U. RUHAMYA
Director General



APPROVAL CONDITIONS



Conditions of approval for the proposed Tin Smelting activities in Gatsibo District:

In addition to the implementation of mitigation measures outlined in the Environmental Audit Report, this Certificate of Approval is granted under conditions that LuNa Smelter Ltd shall comply with the conditions of approval given herein:

1. CERTIFICATE CONDITIONS OF APPROVAL

- a. This certificate of approval is valid from the day of its signature. Implementation of the Environmental Management Plan and conditions of approval commence immediately after signature of the certificate, failure of which the developer shall notify the Authority. After analysis of the notification, the Certificate may be renewed, varied, cancelled or otherwise dealt with.
- b. REMA should be notified, of any transfer of ownership, variation/alteration of the project design or components, or surrender of this Certificate of Approval.
- c. In accordance with the Environmental Law N° 48/2018 of 13/08/2018 determining the modalities of protection, conservation and promotion of environment in Rwanda, ensure that any other undesirable environmental impacts may arise from implementing this project but not contemplated by the time of undertaking the Environmental Audit are mitigated.
- d. Obtain all other necessary approvals from the local administration as well as other relevant institutions. This certificate does not replace other required approvals/permits.
- e. Ensure that the certificate is clearly displayed at the project site and is available at all times.
- f. Fulfill any other environmental conditions and requirements as may be prescribed from time to time by the Environmental Authority or any other lead agency.
- g. Ensure that the Environmental Management Plan is implemented as prescribed in the Environmental Audit Report and ensure that records are kept for future monitoring or environmental audits.
- h. Carry out regular environmental self-monitoring and submit Audit Reports to REMA.


2. SPECIFIC CONDITIONS OF APPROVAL

- To ensure personnel safety by providing Personal Protective Equipments (PPE) to the workers (gumboots, dust masks, helmet, hand covers/gloves, salopettes, safety glasses...). *All personnel on the site to put on PPE whenever operating in sensitive corners of the plant. Time frame: Immediate & continuous.*
- Train the workers and make sure they always use the PPE. *Time Frame: continuous*


- To provide medical insurance and general insurance for all workers on site. First Aid toolkits to be availed on site and the personnel trained on their use. **Timeframe:** *immediate & continuous.*
- All employed personnel and each newly recruited worker should receive a comprehensible instruction on how to prevent accident and to use first aid kit. The personnel must be sensitized on Gender balance and HIV/ AIDS. **Timeframe:** *Continuous.*
- Use of machines with minimum noise and make sure that noise levels respect Rwanda standards. Make sure that activities likely to cause adverse noise impacts are timed to have least impact on surrounding infrastructure such as nearest school and hotel. **Timeframe:** *Immediate & Continuous.*
- Ensure all machinery are properly operated and maintained to the manufactures specifications, where possible select only new machines and vehicles if economically justified. Make sure all machinery and vehicles are fitted with appropriate mufflers, and that all mufflers and acoustic treatments are in good working order. **Timeframe:** *Immediate & Continuous.*
- Solid wastes shall be managed by segregating the waste at their production point according to their type and each type of waste shall have its appropriate treatment. **Timeframe:** *Continuous.*
- Slag produced will be sent to the approved land fill area and an agreement with a private company for solid waste and slag collection and disposing of, shall always be in place. **Timeframe:** *Continuous.*
- To put in place adequate sanitation facilities and bathrooms. **Timeframe:** *immediate*
- Put in place management measures for machinery oils to prevent oil spills or seepage in soil. **Timeframe:** *Immediate & continuous.*

Failure to abide by these conditions and comply with other environmental regulations will result in the withdrawal of the present certificate and immediate suspension of activities.

Signed:


 Eng. Coletha U. RUHAMYA
 Director General
 REMA




 Fabrice KAYIHURA
 Managing Director
 LuNa Smelter Ltd



Cc:

- Hon. Minister of Environment
- Hon. CEO/RDB and Member of Cabinet
- Hon. CEO/RMB and Member of Cabinet
- Mayor of Gasabo District