



ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential decree 1586)

ECC-4B-045-MA-3699-2007

THIS IS TO CERTIFY THAT PROPONENT **Archean Mining Corporation**, is granted this Environmental Compliance Certificate (ECC), for the proposed **Iron-Ore Crushing Plant Project**, located at **So. Taluntunan, Brgy. Bocboc, Mogpog, Marinduque** by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau, Region IV-B (MIMAROPA).

SUBJECT ONLY to the conditions and restrictions set-out in this certificate.

This certification is issued for the **Iron-Ore Crushing Plant Project**, with the following details:

PROJECT DESCRIPTION

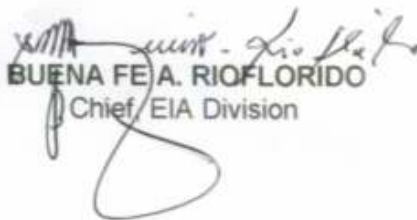
The proposed **Iron-Ore Crushing Plant Project** with an annual production capacity of **Forty Nine Thousand Five Hundred (49,500) metric tons of crushed iron-ore**, having a total land area of **Thirteen Thousand Seven Hundred Four (13,704.0) square meters**, covered by Tax Declaration No. 04926, located at **So. Taluntunan, Brgy. Bocboc, Mogpog, Marinduque**.

This certification is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found after issuance of this certificate.

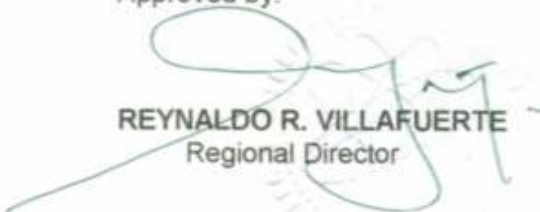
MAY 08 2007

Issued at Manila City, Philippines this _____ day of _____, 2007.

Recommending Approval:


BUENA FE A. RIOFLORIDO
Chief, EIA Division

Approved by:


REYNALDO R. VILLAFUERTE
Regional Director

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

The proponent shall strictly implement the following mitigating, enhancement, and rehabilitating measures:

1. That appropriate measures shall be undertaken for the avoidance of noise and dust pollution during construction/operation activities;
2. That the entire project site shall be provided with adequate drainage facilities to prevent excessive surface run-off;
3. That tree planting shall be conducted with appropriate tree species in an open space within the project site;
4. That the submitted **Environmental Management Plan (EMP)** shall be strictly implemented;

GENERAL CONDITIONS

Further administrative conditions for the grant of this certificate shall be strictly complied:

1. That the proponent shall comply with the following:
 - PD 1586 *Philippine Environmental Impact Statement System*, DAO 2003-30
 - RA 6969 *Toxic and Hazardous Waste Act of 1990*, DAO 29
 - RA 8749 *Clean Air Act of 1999*, DAO 2000-81
 - RA 9003 *Ecological Solid Waste Management Act of 2000*, DAO 2001-34
 - RA 9275 *Clean Water Act of 2004*, DAO 2005-10
2. That the proponent shall set up the following:
 - 2.1. That a **Memorandum of Agreement (MOA)** shall be entered into by the proponent with the **ECC Holders Association** to become part of their MMT and in setting up the corresponding **Environmental Monitoring Fund (EMF)** prior to project implementation;
 - 2.2. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation of the MMT such as conduct meetings, training, sampling and analysis, hiring of technical experts, meals, accommodations, supplies and materials, communication, and transportation.

The amount and mechanics of the EMF, and the establishment of the MMT shall be determined by the EMB-MIMAROPA Region and the proponent in consultation with stakeholder-communities and other concerned agencies. This MOA shall be submitted to EMB-MIMAROPA within sixty (60) days upon receipt of this Certificate.

ECC-4B-045-MA-3699-2007
Iron-Ore Crushing Plant Project
RD4B-ECC-007-07

6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita Manila
RD's Office 536-9786; Admin/Finance Division Telefax No. 400-5960
PC Division 521-8904, EIA Division Telefax No. 400-5960
E-mail Address: emb_r4b@denr.gov.ph and emb_mimaropa@yahoo.com

3. That a Pollution Control Officer (PCO) shall be appointed by the proponent who shall continue to competently handle the environment-related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Monitoring Plan, the PCO shall also:
 - 3.1 Monitor actual project impact vis-à-vis the predicted impacts and management measures in the IEE;
 - 3.2 Accordingly recommend revisions to the Environmental Management Plan (EMP) as necessary;
 - 3.3 Ensure that the appropriate post-assessment permits are in place;
 - 3.4 Ensure that monitoring and reporting are carried out as required; and
 - 3.5 Assure compliance with the conditions of the approved ECC.
4. That the proponent shall submit to this Office a summary of implementation of the project and proposed mitigating measures in the construction and operational phase. An accomplishment report on the implemented mitigating measures and the corresponding cost of the EMP activities shall also be submitted on a quarterly basis for monitoring;
5. That permits/clearances from other concerned agencies shall be secured prior to project implementation to be submitted to this Office;
6. That a **Self - Monitoring Report** shall be submitted to this Office quarterly;
7. That any authorized DENR-EMB Region IV-B personnel can initiate an on-the-spot inspection and monitoring even without prior notice;
8. That should the implementation of the project cause adverse environmental impacts and pose nuisance to the public health and safety, as determined by the DENR-EMB and other concerned agencies, the operation shall be temporarily suspended after prior notice and due process until such time appropriate remedial measures are effected and any damage resulting from the same are properly compensated;
9. That any false ground for information misrepresentation or omission of material facts in the submitted documents shall be sufficient, the cancellation or suspension of this ECC;
10. That in case of abandonment, the Proponent shall notify the EMB Regional Office concerned within three (3) months prior to the abandonment and the Proponent shall submit its abandonment mitigation plan;
11. That a 2' x 4' billboard containing this message : **" Notice to the Public, This project (title of the project) of (Name of the proponent) has been issued an Environmental Compliance Certificate (ECC Number) by the Environmental Management Bureau of the Department of Environment and Natural Resources, Region IV-B, on (date)."** This message must be installed at all entry and exit points and at all perimeters of the project facing the road to inform the general public within thirty (30) days from receipt of the certificate. A copy of the certificate shall also be posted by the Proponent at the barangay bulletin board of the affected barangays within thirty (30) days from receipt of the certificate. An accomplishment report which shall include picture verification of compliance to the posting of notices and the billboards shall be submitted to this Office within ninety (90) days from receipt of the ECC.

II. RESTRICTIONS

The proponent is strictly subject to the following restrictions:

1. That no other activities should be undertaken other than what was stipulated in the Environmental Management Plan (EMP) submitted. Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the EMP document; or any change in the activity, shall be made subject to a new Environmental Impact Assessment.
2. That the plant capacity shall be limited to the project description.
3. That in case of transfer of ownership of this project, the same conditions and restrictions shall apply and the transferee shall be required to notify the EMB Regional Office concerned within fifteen (15) days as regards to the transfer of ownership.

Non-compliance with any of the provisions of this certificate shall be a sufficient cause for the cancellation or suspension of this certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (50,000.00) for every violation thereof.

III. SUGGESTION TO THE PROJECT DESIGN, CONTRACTOR AND CONSTRUCTIONS

1. That compliance to occupational health and safety of the workers shall be ensured by the proponent by provision and use of Personal Protective Equipment (PPE) such as protective masks and other devices during operation phase;
2. That contingency measures shall be implemented in case of accidents, power failure, equipment malfunction and other emergencies; and
3. That the project shall conform with the provisions of the Building and Sanitation Code of the Philippines and its implementing rules and regulations.