



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Region VIII
DENR Compound, Jones Street, Barangay 2, Tacloban City
Tel No: (053) 832-10-88

Permit No: PTO-OL-R08-2021-06585-R
Application Type: Renewal

Date Issued: 23 Aug 2021
Date Expiration: 23 Aug 2026

PERMIT TO OPERATE
Air Pollution Source and Control Installations

Pursuant to Part IV, Rule XIX of the Rules and Regulations of R.A. 8749, authority is hereby granted to:

Strong Built Mining Development Corporation -
MacArthur Iron Projects Corporation (Magnetite Sand
Processing/ Washing Plant) **Zone 5, Maya, Macarthur, Leyte**

subject to the following terms and conditions:

TERMS AND CONDITIONS

1. This Permit is issued for the permittee to operate **two (2) units "BAIFA" Diesel Generator Set each rated at 1000 KW and one (1) unit "CUMMINS" Diesel Engine (Tailings Pump) rated at 985 KW** for the purpose of **Continuous/Routine Power** at the permittee's establishment identified on this Permit. (Refer to attached Annex at page 3)
2. Any application for renewal of this Permit shall be filed not less than **thirty (30) days** before the expiry date indicated on the previous page of the Permit.
3. The previous page of this Permit shall be posted in a conspicuous location of the premises, and shall be adequately framed or otherwise protected against damage.
4. Without limiting the generality of the previous condition, the permittee shall ensure that the emissions from the permitted installations or processes comply with:
 - the National Emission Standards for Source Specific Air Pollutants as specified in Rule XXV of the IRRs of RA 8749;
 - the National Ambient Air Quality Standards for Source Specific Air Pollutants from Industrial Sources/Operations as specified in Rule XXVI of the IRRs of 8749; and
 - the emission limits specified in Permit conditions No.9.
5. The permittee shall submit **Self-Monitoring Reports (SMR)** to the Bureau in accordance with DENR Administrative Order No. 27 (Series of 2003) and any written instructions by the Bureau at three-monthly intervals, commencing with submission of the first Report on or before **October 15, 2021**. (Online submission at <https://client.emb.gov.ph/smr>)
6. The permittee shall at all times have an appointed or designated **Pollution Control Officer (PCO)** pursuant to DAO 2014-02.
7. The permittee shall at all times allow authorized or accredited officers of the Department or the Bureau entry to the establishment and access to any part of the establishment to conduct inspections, gather information, test emissions or take samples.
8. The permittee shall not make or allow any alterations or modifications to operations, activities, installations, processes, plant or equipment at the establishment that might substantially change the nature or quantity of the associated emissions without obtaining the approval of the Bureau, including the obtaining of any necessary Permit to Operate.
9. The permittee shall ensure that the concentrations of the emissions from the stack/exhaust serving the **two (2) units 1000 KW "BAIFA" Diesel Generator Set and one (1) unit 985 KW "CUMMINS" Diesel Engine (Tailings Pump)** shall not exceed the following limits:
 - **Carbon Monoxide (CO): 500 milligrams per normal cubic meter;**
 - **Nitrogen Oxides (NOx): 2000 milligrams per normal cubic meter;**
 - **Sulfur Oxides (SOx): 700 milligrams per normal cubic meter; and**
 - **Particulate Matter (PM): 150 milligrams per normal cubic meter.**
10. The permittee shall burn only **Diesel Fuel Oil** in the **two (2) units 1000 KW "BAIFA" Generator Set and one (1) unit 985 KW "CUMMINS" Engine (Tailings Pump)** for the whole duration of the permit validity.
11. The testing required by the previous condition shall be repeated and Emission Test Reports shall be submitted to the Bureau at **once per year** interval. The results of this testing shall be reported in the Self-Monitoring Reports submitted in accordance with Permit Condition No.5.
12. The permittee shall sample and analyze emissions of **Carbon Monoxide (CO), Nitrogen Oxides (NOx), Sulfur Oxides (SOx), and Particulate Matter (PM)** from the stack/exhaust serving the **two (2) units 1000 KW "BAIFA" Diesel Generator Set and one (1) unit 985 KW "CUMMINS" Diesel Engine (Tailings Pump)** in accordance with the methods specified in the IRRs of RA 8749 and including the submission of the proposed test plan to the Bureau at least **two (2) weeks** prior to the date of conduct of the emission test and shall submit an Emission Test Report on the results of this emission testing to the Bureau within **thirty (30) days** after the conduct of emission test. During the

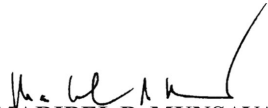
Filing Fee	: Php 600.00	O.R. No. : 4736323, 4737093	Date : Aug. 13, 2021
Permit Fee	: Php 7500.00	O.R. No. : 4736323, 4737093	Date : Aug. 13, 2021
PD1856	: Php 10.00	O.R. No. : 4736323, 4737093	Date : Aug. 13, 2021
Documentary Stamp Tax	: Php 30.00	O.R. No. : 4736323, 4737093	Date : Aug. 13, 2021



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sampling of the emissions, the **generator set and the tailings pump shall be operated at an** output of 30% or greater than the permitted capacity. The following data on operating conditions shall be collected during the sampling period, and included in the Emission Test Report: **(a) the actual output of the Generator Set and the Tailings Pump; (b) stack or exhaust dimensions (height and inside diameter); (c) average annual operating hours; and (d) the rate of fuel consumption.**

Recommended by:


MARIBEL B. MUNSAYAC
Chief, Clearance and Permitting Division

Approved by:


ENGR. REYNALDO B. BARRA
PIC-Regional Director

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Annex

Fuel Burning					
ID	APSI	Capacity	Brand name	Type of Fuel	APCD
62364	Generator Set	1000.0 kW	Baifa	Diesel	---
62365	Tailings Pump	985.0 kW	Cummins	Diesel	---
62366	Generator Set	1000.0 kW	Baifa	Diesel	---

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