



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Region IV-B
PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro,
Satellite Office, 6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd.,
Ermita, Manila
Tel No: (02) 536-97-86

Permit No: PTO-OL-R4B-2022-03612-R
Application Type: Amendment

Date Issued: 06 Jul 2022
Date Expiration: 06 May 2027

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:

<u>MADONNA MANAGEMENT CORPORATION</u> <u>(MADONNA ICEPLANT)</u>	<u>66 National Road, Payompon, Mamburao (Capital),</u> <u>Occidental Mindoro</u>
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subject to the following terms and conditions:

TERMS AND CONDITIONS

1. This permit is issued for the permittee to operate its one (1) unit 302kW Perkins Diesel Generator Set at the permittee's establishment.
2. Unless suspended or sooner revoked by this office, this Permit shall be valid for a period of five (5) years from the date of its issuance, as indicated by the issue and expiry dates of the Permit.
3. During this period of validity, the Bureau may modify the Permit by amending any existing condition or imposing any new or additional condition, subject to the provisions of Rule XIX of the Implementing Rules and Regulations (IRRs) of Republic Act 8749 (RA 8749).
4. This Permit shall be posted in a conspicuous location at the premises, and shall be adequately framed or otherwise protected against damage.
5. The operation of any installation, process or activity at this establishment that produces, generates, captures, treats, reduces, controls, emits, releases or disperses air pollutants without a valid Permit to Operate, or in violation of any of the conditions of this Permit, shall be subject to penalties of not less than Ten Thousand Pesos (PhP 10,000.00) and not more than One Hundred Thousand Pesos (PhP 100,000.00), pursuant to Rule LVI of the Implementing Rules and Regulations of RA 8749.
6. The one (1) unit 302kW Perkins Diesel Generator Set shall be maintained and operated by the permittee so that emissions of air pollutants are kept at a practicable minimum. The permittee shall be responsible for ensuring that any emissions of air pollutants therefrom, including fugitive or uncontrolled emissions or releases of air pollutants from abnormal or unexpected events, do not cause air pollution in the surrounding air environment or have adverse effects on persons in that environment.
7. Without limiting the generality of the previous condition, the permittee shall ensure that the emissions from the permitted installations and processes comply with:
 - a. The National Emission Standards for Source Specific Air Pollutants as specified in Rule XXV of the IRRs of RA 8749;
 - b. The National Ambient Air Quality Standards for Source Specific Air Pollutants from Industrial Sources/Operations as specified in Rule XXVI of the IRRs of RA 8749; and
 - c. The emission limits specified in Permit condition No. 13.

Otherwise, any exceedance of the above-mentioned standards shall be subject to the imposition by the Pollution Adjudication Board (PAB) of fine of not more than One Hundred Thousand Pesos (PhP 100,000.00) for every day of violation until such time that the standards have been complied with.

8. Must submit notarized Quarterly Self-Monitoring Report (SMR) based on DAO-27, Series of 2003 on or before the filing dates:

1st Quarter SMR (January to March)	- 15th Day of April
2nd Quarter SMR (April to June)	- 15th Day of July

Filing Fee	: Php 600.00	O.R. No. : 0714003K, 7655669F, 7660682F	Date : 27 June 2022
PD1856	: Php 10.00	O.R. No. : 0714003K, 7655669F, 7660682F	Date : 27 June 2022
Documentary Stamp Tax	: Php 30.00	O.R. No. : 0714003K, 7655669F, 7660682F	Date : 27 June 2022



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3rd Quarter SMR (July to September)

4th Quarter SMR (October to December)

- 15th Day of October

- 15th Day of January

9. The permittee shall at all times have an appointed or designated Pollution Control Officer (PCO) who shall be the day-to-day point of contact between the Bureau and the establishment. The permittee shall ensure that the PCO is familiar with the operations and activities undertaken at the establishment, and the relevant emission sources and air pollution control devices and equipment. The permittee shall give the PCO the necessary authority to take or to direct corrective action in the event that results in excessive emissions or emissions that do not comply with relevant Permit conditions, emission standards or ambient air quality standards.
10. The permittee shall report in writing to the Bureau any malfunction, accident, breakdown, leak, spill or other abnormal or unexpected event which results in emissions to atmosphere that do not comply with relevant Permit conditions, emission standards or ambient air quality standards, or in any other abnormal or unexpected releases of air pollutants. The report shall indicate the nature of the accident or event, its impact to emissions, the time period involved, and any actions or measures taken to control the emissions or releases, remedy any air pollution problems that may have occurred, and minimize the probability of a reoccurrence of the event or the release.
11. The permittee shall at all times allow authorized or accredited officers of the Department or the Bureau entry to the establishment to conduct inspections, gather information, test emissions or take samples. The permittee and its personnel shall not obstruct such officer in the performance of these functions, and shall furnish any information or materials requested by them that is reasonable for them to have. The permittee shall obey any lawful instruction or direction given by an authorized or accredited officer of the Department or the Bureau at all times.
12. 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 this office, including the obtaining of any necessary Permit to Operate.
13. The permittee shall ensure that the concentrations of the emissions from the stacks serving the generator sets and the boiler described in this permit shall not exceed the following limits:

Parameter	Standard
Nitrogen Oxides	2000 milligrams per cubic meter, corrected to 25 degrees Celsius, one atmospheric pressure and a dry gas basis expressed as NO ₂
Carbon Monoxide	500 milligrams per cubic meter, corrected to 25 degrees Celsius, one atmospheric pressure and a dry gas basis expressed as CO
Sulfur Oxides	700 milligrams per cubic meter, corrected to 25 degrees Celsius, one atmospheric pressure and a dry gas basis expressed as SO ₂
Particulates	150 milligrams per cubic meter, corrected to 25 degrees Celsius, one atmospheric pressure and a dry gas basis
14. The permittee shall provide and maintain emission sampling ports, sampling platforms and safe access to those sampling ports and platforms for all stacks of the air pollution source equipment involved for testing.
15. The permittee shall include in its submission of its quarterly Self-Monitoring Reports to the Bureau:

a. detailed fuel purchase or delivery records of each type of fuel used (Bunker and Diesel) for that quarter; and

b. fuel certificates or the results of the fuel analysis of each fuel used (Bunker and Diesel) for that quarter.
16. Without the prejudice to the regular monitoring by this office, the permittee **shall sample and analyze the emissions of the one (1) unit 302kW Perkins Diesel Generator Set** and should be conducted at a **two-year interval**. The Emission Test Reports should be submitted to this office for evaluation of compliance with the emission standards within thirty (30) days after the completion of the activity. All source testing should be conducted in accordance with the Bureau-approved methods of sampling for each parameter measured as stipulated in the Implementing Rules and Regulations of the Philippine Clean Air Act of 1999.
17. The permittee shall ensure that the operation of the facility must not exceed the following limits of the National Ambient Air Quality Standards for Source Specific Air Pollutants from Industrial Sources/Operations:

Sulfur Dioxide	340 micrograms per cubic meter for an average sampling time of sixty (60) minutes
Particulates	200 micrograms per cubic meter for an average sampling time of sixty (60) minutes
Nitrogen Dioxide	260 micrograms per cubic meter for an average sampling time of sixty (60) minutes
18. Without prejudice to the monitoring undertaken by EMB, the permittee shall sample during actual process operations and analyze the parameters stated in the previous condition in the ambient air quality of the area within the calendar year of the issuance of this permit in accordance with the methods specified in the IRR of RA 8749. The stations established for the monitoring should comply with siting criteria for point source ambient air quality monitoring. The report of the said monitoring should be submitted to this office for evaluation of compliance with the emission

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standards within thirty (30) days after the completion of the activity. The results shall form part and shall be included in module in air quality of the quarterly SMRs to be submitted as required in Condition No. 8 of this permit. This requirement shall be repeated at annual interval (once a year).

- 19. The permittee should ensure that any stack tests by an accredited third party tester and should be witnessed by at least one (1) representative from this office in order to observe and audit the test, ensure it is conducted appropriately and confirm that the source or process is operating at a representative or agreed rate or load during the actual test and/or audit. The test and/or audit plan should be submitted to this office one (1) month prior to the scheduled date of the test for review, evaluation, and approval by this office.
- 20. Subject to revocation if found violating the said permit conditions and other provisions of the Philippine Clean Air Act of 1999 (RA 8749) and its Implementing Rules and Regulations.

This operating Permit shall be posted in a conspicuous location near the equipment and shall be adequately framed or otherwise protected against damage. Application for the renewal of Permit to Operate must be filed thirty (30) days before the expiration date.

Recommended by:

Approved by:


EnP. NICOLE YURI V. DORADO
OIC, Clearance and Permitting Division


JOEAMIL M. SALINO
Regional Director

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Annex

Fuel Burning					
ID	APSI	Capacity	Brand name	Type of Fuel	APCD
243841	GENERATOR	302.4 KW	PERKINS	DIESOLINE	---

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