



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) 832-1088 / (053) 832-2319
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Permit No: PTO-OL-R08-2022-00086-TR
Application Type: Renewal

Date Issued: 05 Jan 2022
Date Expiration: 05 Apr 2022

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:

LEYTE 70MW MODULAR DIESEL POWER PLANT
(LEYTE 70MW MODULAR DIESEL POWER PLANT)

Lot 2-A-1-B & Lot 2-A-1-D, Leyte Industrial
Development Estate (Lide), , Libertad, Isabel, Leyte

subject to the following terms and conditions:

TERMS AND CONDITIONS

1. This Permit is issued for the permittee to operate **seventy (70) units "CUMMINS" Diesel Generator Sets**, rated at **1.079 MW**, for the purpose of **Routine Power**; **ten (10) units "CUMMINS" Diesel Generator Sets** rated at **1.079 MW**, for the purpose of **Standby Power**; **four units (4) Above Ground Storage Day Tanks** with the capacity of **20 KL** and **four (4) units Above Ground Storage Tanks** with the capacity of **100 KL**, for the purpose of **Fuel Storage** 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. 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 condition No.9.
5. The permittee shall submit Self-Monitoring Reports 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, 2020**. 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 **seventy (70) units 1.079 MW "CUMMINS" Generator Sets** shall not exceed the following limits:
 - **Particulate Matter (PM): 150 milligrams per normal cubic meter;**
 - **Sulfur Dioxide (SO2): 700 milligrams per normal cubic meter;**
 - **Carbon Monoxide (CO): 500 milligrams per normal cubic meter;** and
 - **Nitrogen Oxide (NOx): 2000 milligrams per normal cubic meter.**

Filing Fee	: Php 600.00	O.R. No. : 1944426,4736430,4736305	Date : Dec. 20, 2021
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PD1856	: Php 10.00	O.R. No. : 1944426,4736430,4736305	Date : Dec. 20, 2021
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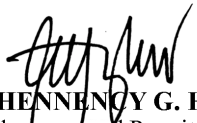


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10. The permittee shall ensure that the concentrations of the emissions from the stack/exhaust serving the **ten (10) units 1.079 MW "CUMMINS" Standby Generator Sets** shall not exceed the following limits:
- **Carbon Monoxide (CO): 500 milligrams per normal cubic meter**, and
 - **Nitrogen Oxide (NOx): 2000 milligrams per normal cubic meter**.
11. The permittee shall burn **only Diesel Fuel Oil** in the **ten (10) unit 1.079 MW "CUMMINS" Standby Generator Sets** for not more than **500 annual operating hours** for the whole duration of the permit validity.
12. The permittee shall burn **only Diesel Fuel Oil** in the **seventy (70) units 1.079 MW "CUMMINS" Diesel Generator Sets** for the whole duration of the permit validity.
13. The testing required by the previous condition shall be repeated and Emission Test Reports shall be submitted to the Bureau at **once per year intervals**. The results of this testing shall be reported in the Self-Monitoring Reports submitted in accordance with Permit Condition No.5.
14. The permittee shall sample and analyze emissions of **Particulate Matter (PM), Sulfur Dioxide (SOx), Carbon Monoxide (CO) and Nitrogen Oxide (NOx)** from the stack/s serving the **seventy (70) units 1.079 "CUMMINS" Generator Sets**; and **Carbon Monoxide (CO) and Nitrogen Oxide (NOx)** from the stack/s serving the **ten (10) units 1.079MW "CUMMINS" Standby Generator Sets** 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 after **thirty (30) days** after the conduct of emission test. During the sampling of the emissions, the generator set 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)**; (b) **stack or exhaust dimensions (height and inside diameter)**; (c) **average annual operating hours**; and (d) **the rate of fuel consumption**.
15. The permit fee in the amount of Php. 44,000.00 was paid on July 29, 2021 (OR No. 4736305) that is valid until July 29, 2022.

Recommended by:

Approved by:


ENGR. HENNENCY G. HAYAG
OIC-Chief, Clearance and Permitting Division


ENGR. REYNALDO B. BARRA
OIC-Regional Director

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Annex

Fuel Burning					
ID	APSI	Capacity	Brand name	Type of Fuel	APCD
180379	GENERATOR SET #01 (GO1)	1.079 MW	Cummins	Diesel	---
180380	GENERATOR SET #02 (GO2)	1.079 MW	Cummins	Diesel	---
180381	GENERATOR SET #03 (GO3)	1.079 MW	Cummins	Diesel	---
180382	GENERATOR SET #04 (GO4)	1.079 MW	Cummins	Diesel	---
180383	GENERATOR SET #05 (GO5)	1.079 MW	Cummins	Diesel	---
180384	GENERATOR SET #06 (GO6)	1.079 MW	Cummins	Diesel	---
180385	GENERATOR SET #07 (GO7)	1.079 MW	Cummins	Diesel	---
180386	GENERATOR SET #08 (GO8)	1.079 MW	Cummins	Diesel	---
180387	GENERATOR SET #09 (GO9)	1.079 MW	Cummins	Diesel	---
180388	GENERATOR SET #10 (G10)	1.079 MW	Cummins	Diesel	---
180389	GENERATOR SET #11 (G11)	1.079 MW	Cummins	Diesel	---
180390	GENERATOR SET #12 (G12)	1.079 MW	Cummins	Diesel	---
180391	GENERATOR SET #13 (G13)	1.079 MW	Cummins	Diesel	---
180392	GENERATOR SET #14 (G14)	1.079 MW	Cummins	Diesel	---
180393	GENERATOR SET #15 (G15)	1.079 MW	Cummins	Diesel	---
180394	GENERATOR SET #16 (G16)	1.079 MW	Cummins	Diesel	---
180395	GENERATOR SET #17 (G17)	1.079 MW	Cummins	Diesel	---
180396	GENERATOR SET #18 (G18)	1.079 MW	Cummins	Diesel	---
180397	GENERATOR SET #19 (G19)	1.079 MW	Cummins	Diesel	---
180398	GENERATOR SET #20 (G20)	1.079 MW	Cummins	Diesel	---
180399	GENERATOR SET #21 (G21)	1.079 MW	Cummins	Diesel	---
180400	GENERATOR SET #22 (G22)	1.079 MW	Cummins	Diesel	---


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180401	GENERATOR SET #23 (G23)	1.079 MW	Cummins	Diesel	---
180402	GENERATOR SET #24 (G24)	1.079 MW	Cummins	Diesel	---
180403	GENERATOR SET #25 (G25)	1.079 MW	Cummins	Diesel	---
180404	GENERATOR SET #26 (G26)	1.079 MW	Cummins	Diesel	---
180405	GENERATOR SET #27 (G27)	1.079 MW	Cummins	Diesel	---
180406	GENERATOR SET #28 (G28)	1.079 MW	Cummins	Diesel	---
180407	GENERATOR SET #29 (G29)	1.079 MW	Cummins	Diesel	---
180408	GENERATOR SET #30 (G30)	1.079 MW	Cummins	Diesel	---
180409	GENERATOR SET #31 (G31)	1.079 MW	Cummins	Diesel	---
180410	GENERATOR SET #32 (G32)	1.079 MW	Cummins	Diesel	---
180411	GENERATOR SET #33 (G33)	1.079 MW	Cummins	Diesel	---
180412	GENERATOR SET #34 (G34)	1.079 MW	Cummins	Diesel	---
180413	GENERATOR SET #35 (G35)	1.079 MW	Cummins	Diesel	---
180414	GENERATOR SET #36 (G36)	1.079 MW	Cummins	Diesel	---
180415	GENERATOR SET #37 (G37)	1.079 MW	Cummins	Diesel	---
180416	GENERATOR SET #38 (G38)	1.079 MW	Cummins	Diesel	---
180417	GENERATOR SET #39 (G39)	1.079 MW	Cummins	Diesel	---
180418	GENERATOR SET #40 (G40)	1.079 MW	Cummins	Diesel	---
180419	GENERATOR SET #41 (G41)	1.079 MW	Cummins	Diesel	---
180420	GENERATOR SET #42 (G42)	1.079 MW	Cummins	Diesel	---
180421	GENERATOR SET #43 (G43)	1.079 MW	Cummins	Diesel	---
180422	GENERATOR SET #44 (G44)	1.079 MW	Cummins	Diesel	---
180423	GENERATOR SET #45 (G45)	1.079 MW	Cummins	Diesel	---
180424	GENERATOR SET #46 (G46)	1.079 MW	Cummins	Diesel	---
180425	GENERATOR SET #47 (G47)	1.079 MW	Cummins	Diesel	---

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180426	GENERATOR SET #48 (G48)	1.079 MW	Cummins	Diesel	---
180427	GENERATOR SET #49 (G49)	1.079 MW	Cummins	Diesel	---
180428	GENERATOR SET #50 (G50)	1.079 MW	Cummins	Diesel	---
180429	GENERATOR SET #51 (G51)	1.079 MW	Cummins	Diesel	---
180430	GENERATOR SET #52 (G52)	1.079 MW	Cummins	Diesel	---
180431	GENERATOR SET #53 (G53)	1.079 MW	Cummins	Diesel	---
180432	GENERATOR SET #54 (G54)	1.079 MW	Cummins	Diesel	---
180433	GENERATOR SET #55 (G55)	1.079 MW	Cummins	Diesel	---
180434	GENERATOR SET #56 (G56)	1.079 MW	Cummins	Diesel	---
180435	GENERATOR SET #57 (G57)	1.079 MW	Cummins	Diesel	---
180436	GENERATOR SET #58 (G58)	1.079 MW	Cummins	Diesel	---
180437	GENERATOR SET #59 (G59)	1.079 MW	Cummins	Diesel	---
180438	GENERATOR SET #60 (G60)	1.079 MW	Cummins	Diesel	---
180439	GENERATOR SET #61 (G61)	1.079 MW	Cummins	Diesel	---
180440	GENERATOR SET #62 (G62)	1.079 MW	Cummins	Diesel	---
180441	GENERATOR SET #63 (G63)	1.079 MW	Cummins	Diesel	---
180442	GENERATOR SET #64 (G64)	1.079 MW	Cummins	Diesel	---
180443	GENERATOR SET #65 (G65)	1.079 MW	Cummins	Diesel	---
180444	GENERATOR SET #66 (G66)	1.079 MW	Cummins	Diesel	---
180445	GENERATOR SET #67 (G67)	1.079 MW	Cummins	Diesel	---
180446	GENERATOR SET #68 (G68)	1.079 MW	Cummins	Diesel	---
180447	GENERATOR SET #69 (G69)	1.079 MW	Cummins	Diesel	---
180448	GENERATOR SET #70 (G70)	1.079 MW	Cummins	Diesel	---
180449	GENERATOR SET #71 (G71)	1.079 MW	Cummins	Diesel	---
180450	GENERATOR SET #72 (G72)	1.079 MW	Cummins	Diesel	---

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180451	GENERATOR SET #73 (G73)	1.079 MW	Cummins	Diesel	---
180452	GENERATOR SET #74 (G74)	1.079 MW	Cummins	Diesel	---
180453	GENERATOR SET #75 (G75)	1.079 MW	Cummins	Diesel	---
180454	GENERATOR SET #76 (G76)	1.079 MW	Cummins	Diesel	---
180455	GENERATOR SET #77 (G77)	1.079 MW	Cummins	Diesel	---
180456	GENERATOR SET #78 (G78)	1.079 MW	Cummins	Diesel	---
180457	GENERATOR SET #79 (G79)	1.079 MW	Cummins	Diesel	---
180458	GENERATOR SET #80 (G80)	1.079 MW	Cummins	Diesel	---

Non Fuel Burning					
ID	APSI	Capacity	Brand name	Material	APCD
180459	Diesel Fuel Tank #01	20.0 KL	None		---
180460	Diesel Fuel Tank #02	20.0 KL	None		---
180461	Diesel Fuel Tank #03	20.0 KL	None		---
180462	Diesel Fuel Tank #04	20.0 KL	None		---
180463	AST #01	100.0 KL	None		---
180464	AST #02	100.0 KL	None		---
180465	AST #03	100.0 KL	None		---
180466	AST #04	100.0 KL	None		---

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