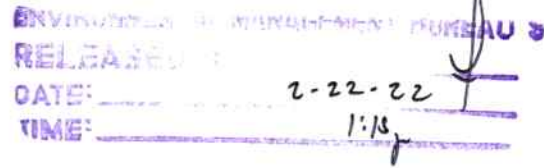




Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. VIII
DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City
Telefax: (053) 832-1088
Email: r8support@emb.gov.ph emb8@yahoo.com
Website: r8.emb.gov.ph



February 21, 2022



SR. JOHN MARY P. FORNILLOS, RSM
Managing Head
Mother of Mercy Hospital
Brgy. 50-B, Youngfield, Tacloban City

Subject: Approval of Source Emission Test (SET) Plan

Dear Ma'am:

This refers to your letter requesting for the approval of SET plan for your **one (1) unit 500KVA (400 KW) CATERPILLAR Diesel Engine Generator Set** for CO and NO_x to be tested by **GREENARA ENVIRONMENTAL TESTING AND ALLIED SERVICES**. Please be informed that same is approved with a directive to comply with the facilities requirements and sampling methodology as stated in the test plan and strictly observe the fuel used as indicated in its "Permit to Operate" APSI's. Change of fuel during testing is not allowed; results will be invalid.

Further, your Pollution Control Officer shall observe/check the conduct of the test and ensure that the DENR Accredited Third-Party Sampler strictly follows the following sampling requirements throughout the test:

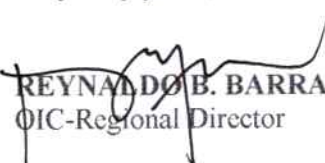
- Equipment/apparatus available e.g., pumps, flasks, stop-cocks and impingers are clean, operational, functional and properly maintained;
- Chemicals used are not expired;
- Time of sampling must be strictly observed;
- No laptop or similar gadgets should be used during the sampling period; and
- The accredited QA/QC and the Team Leader, as the authorized personnel, should be at the facility during the conduct of actual sampling.

This Office will send technical personnel to witness the conduct of the test and observe the conditions of the facilities to be tested scheduled on **24 March 2022**.

Please be reminded that the SET Report shall be submitted within thirty (30) days from date of testing to include the operating condition of the source at the time of sampling (e.g. fuel consumed, temp. and mode of operation).

Be guided accordingly.

Very truly yours,


REYNALDO B. BARRA, PME
OIC-Regional Director



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I. FACILITY INFORMATION

Name of Industry: **MOTHER OF MERCY HOSPITAL**
Industry Category: **Hospital**
Plant Address: **Brgy. 50-B, Young field, Tacloban City, Leyte**
Contact Person: **Mr. Ariel Tabontabon**
Position: **Pollution Control Officer**
Contact Number: **09352459589**
Email Address: **mmh.pco@gmail.com**
Permit to Operate Reference No: **POA-2019-K-0837-0337**
Issued On: **16 December 2019** Valid Until: **02 September 2024**

II. PRODUCTION INFORMATION and REQUIREMENT

The One (1) Unit 500KVA (400KW) Caterpillar Diesel Engine Generator Set should operate at a minimum required load/operating capacity of 30% and or greater of permitted capacity during the time of testing.

III. AIR POLLUTION SOURCE INFORMATION

A. APSI: **One (1) unit Caterpillar Generator Set**
Rated Capacity: **500KVA (400 kW)**
Type of Fuel Used: **Diesel**
Fuel Consumption:
No. of Stack: **1**
Stack Diameter:
Stack Height:
Ave. Annual Operating Hours:
Year Installed:

IV. TEST METHODOLOGY

Particulars	Test Date	Parameters	Test Method	Test Duration	Notes
One (1) Unit 500KVA (400 KW) CATERPILLAR Diesel Engine Generator Set	March 24, 2022	Carbon Dioxide (CO₂)	USEPA Method 3 by Fyrite	Three (3) runs per exhaust	Integrated Tedlar Bag sample during M5 Test
		Oxygen (O₂)	USEPA Method 3 by Fyrite	Three (3) runs per exhaust	Integrated Tedlar Bag sample
		Nitrogen Oxides (NO_x)	USEPA Method 7	Three (3) runs per exhaust	Three grab samples in flasks collected per run
		Carbon Monoxide (CO)	USEPA Method 10 by NDIR	Three (3) runs per exhaust	Integrated Tedlar bag sample during M5 Test

V. THIRD PARTY INFORMATION

Name of Accredited Third Party: **GREENARA ENVIRONMENTAL TESTING AND ALLIED SERVICES**
Address: **Room A, Sitio Cemento, Brgy. Pusok, Lapu-Lapu City, Cebu**
Name of QA/QC: **Jomar Q. Martel**
Name of Team Leader: **Wilmer B. Godinez**
SAT Accreditation No.: **2019-108** Valid until: **August 05, 2022**




EVALUATION OF SOURCE SPECIFIC TEST PLAN

Name of Members:

VI. REMARKS/RECOMMENDATIONS

1. Recommended for the approval of test plan with condition of operating the one (1) Unit Caterpillar Diesel Engine Generator Set at a minimum required load/operating capacity of 30% and or greater of permitted capacity during the time of testing.
2. Emission test report shall be submitted to this office within thirty (30) days after the conduct of the test

Prepared by:


JANET T. POLEA
Engineer IV

Recommending Approval:


ENGR. CARLOS A. CAYANONG
Chief, WAQMS

Approved by:


FOR: MANUEL J. SACEDA JR.
OIC-Chief, EMED

Noted by:


REYNALDO B. BARRA, PME
OIC-Regional Director