



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 C.  
Telefax: (053) 832-1088  
Email: [r8support@emb.gov.ph](mailto:r8support@emb.gov.ph) [emb8@yahoo.com](mailto:emb8@yahoo.com)  
Website: [r8.emb.gov.ph](http://r8.emb.gov.ph)



28 January 2022

**SALVADOR B. EVARDONE, MD, MHA, MPH, CESE**  
Medical Center Chief II  
Eastern Visayas Medical Center  
Bagacay, Tacloban City

**ENVIRONMENTAL MANAGEMENT BUREAU**  
**RELEASED BY:** *[Signature]*  
**DATE:** 02/02/2022  
**TIME:** 9:05am

**Subject: Approval of Source Emission Test (SET) Plan**

Dear Sir:

This refers to your letter received by this Office on 27 January 2022 requesting the approval of the SET plan for your **one (1) unit 1000KVA (800KW) Cummins Brand Standby Diesel Engine Generator Set** to be tested by **SANDOVAL ENVIRONMENTAL ENGINEERING SERVICES (SEES)**. 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 **07 February 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,

*[Signature]*  
**REYNALDO B. BARRA, PME.**  
OIC-Regional Director



## EVALUATION OF SOURCE SPECIFIC TEST PLAN

Date Received: January 27, 2022

Date Evaluated: January 28, 2022

### I. FACILITY INFORMATION

Name of Industry: **EASTERN VISAYAS MEDICAL CENTER**

Industry Category: **86**

Plant Address: **Brgy. Bagacay, Tacloban City**

Contact Person: **Mr. Yvan Dominique C. Nicolas**

Position: **Pollution Control Officer**

Contact Number: **09163449178**

Email Address: **evrmcmccoffice@gmail.com**

Permit to Operate Reference No:

Issued On:

Valid Until:

### II. PRODUCTION INFORMATION and REQUIREMENT

- The one (1) unit 1,000 KVA (800KW) Cummins Brand Diesel Engine Generator Set should operate at a minimum required load/operating capacity of 30% or greater of permitted capacity during the time of testing.

### III. AIR POLLUTION SOURCE INFORMATION

1. **APSI: One (1) unit Cummins Brand Diesel Engine Generator Set**

2. Rated Capacity: **1000 KVA (800KW)**

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	Parameter	Test Method	Test Duration	Notes
<b>One (1) unit 1000 KVA (800KW) Cummins Brand Diesel Engine Generator Set</b>	<b>February 07, 2022</b>	<b>Carbon Dioxide (CO<sub>2</sub>)</b>	<b>USEPA Method 3 by Fyrite</b>	<b>Three (3) runs per exhaust</b>	
		<b>Oxygen (O<sub>2</sub>)</b>	<b>USEPA Method 3 by Fyrite</b>	<b>Three (3) runs per exhaust</b>	
		<b>Nitrogen Oxides (NO<sub>x</sub>)</b>	<b>USEPA Method 7</b>	<b>Three (3) runs per exhaust</b>	<b>Three grab sample flasks collected per run</b>
		<b>Carbon Monoxide (CO)</b>	<b>USEPA Method 10</b>	<b>Three (3) runs per exhaust</b>	<b>Integrated Tedlar Bag Sample</b>

## V. THIRD PARTY INFORMATION

Name of Accredited Third Party: **SANDOVAL ENVIRONMENTAL ENGINEERING SERVICES (SEES)**

Address: **20 g De Jesus Street, Bagong Barrio, Caloocan City**

Name of QA/QC: **MARIANO R. CACCAM, JR.**

Name of Team Leader: **MARIANNE JOSY G. DENTE**

SAT Accreditation No.: **2021-123**

Issued On: **03 August 2021**

Valid Until: **03 August 2024**

Name of Members: **Kervin C. Astorga Elmer M. Samaupan  
Antonio S. Luna III**

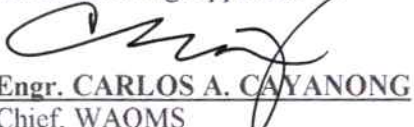
## VI. REMARKS/RECOMMENDATIONS

1. Recommended for the approval of test plan with a condition of operating the one (1) unit 1000KVA (800KW) Cummins Brand Diesel Engine Generator Set at a minimum required load/operating capacity of 30% 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.


Submitted by:

  
JANET T. POLEA  
Engr. IV

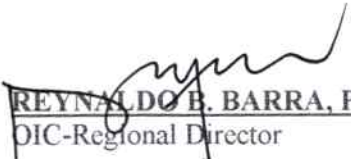
Recommending Approval:

  
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