



March 25, 2022

ENVIRONMENTAL MANAGEMENT BUREAU
RELEASED BY: *[Signature]*
DATE: 3/29/2022
TIME: 11:39am

MR. KENNETH D. SI

Plant Manager

TACLOBAN OIL MILLS

Brgy. Opong Tolosa Leyte

Subject: Approval of Source Emission Test (SET) Plan

Dear Mr. Si,

This refers to your letter requesting for the approval of SET plan for **One (1) unit 300 HP Bioler** for **PM & CO** and **Two (2) unit 450 KW CUMMINS Diesel Engine Generator Sets** for **CO** and **NO_x** to be tested by **PUREJJEM ENVIRONMENTAL CORPORATION**. Please be informed that same is approved with the 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, the Pollution Control Officer shall observe/check the conduct of the test and ensure that the following sampling requirements are strictly followed by the DENR accredited third party sampler 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; and,
- No laptop or similar gadgets should be used during the sampling period
- 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 to conduct of test and observe the conditions of the facilities to be tested, which is scheduled on **March 29, 2022**.

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

I. FACILITY INFORMATION

Name of Industry: **TACLOBAN OIL MILLS**
Industry Category: **Crude Coconut Oil Manufacturing**
Plant Address: **Brgy. Opong Tolosa Leyte**
Contact Person: **Ms. Gloria Advincula**
Position: **Pollution Control Officer**
Contact Number: **0932-871-3557**
Email Address: **taclobanoil@gmail.com**
Permit to Operate Reference No: **17-POA-H-0837-0339**
Issued On: **August 09, 2017** Valid Until: **August 09, 2022**

II. PRODUCTION INFORMATION and REQUIREMENT

The Two (2) Units 450 KW Cummins Diesel Engine Generator Sets should operate at a minimum required load/operating capacity of 30% and or greater of permitted capacity. The One (1) Unit 300 HP Kewanee Diesel Fired Boiler at least 90% or at the normal operating capacity during the time of testing.

III. AIR POLLUTION SOURCE INFORMATION

A. APSI: One (1) Unit Kewanee Boiler

Rated Capacity: **300 HP**
Type of Fuel Used: **Coco Shell**
Fuel Consumption:
No. of Stack: **1**
Stack Diameter:
Stack Height:
Ave. Annual Operating Hours:
Year Installed:

B. APSI: Two (2) units Cummins Generator Set 1 & 2

Rated Capacity: **450 kW**
Type of Fuel Used: **Diesel**
Fuel Consumption:
No. of Stack: **1**
Stack Diameter:
Stack Height:
Ave. Annual Operating Hours:
Year Installed:



EVALUATION OF SOURCE SPECIFIC TEST PLAN

IV. TEST METHODOLOGY

Particulars	Test Date	Parameters	Test Method	Test Duration	Notes
One (1) Unit 300 HP Kewanee Diesel Fired Boiler	March 29, 2022	Volumetric Flow rate (VFR)	USEPA Method 1-4	Three (3) runs per exhaust	Performed concurrent with Method 5
		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
		Particulate Matter (PM)	USEPA Method 5	Three (3) runs per exhaust	Performed with Method 5 set-up
		Carbon Monoxide (CO)	USEPA Method 10 by NDIR	Three (3) runs per exhaust	Integrated Tedlar bag sample during M5 Test
Two (2) Units 450 KW CUMMINS Diesel Engine Generator Sets	March 29, 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: **PUREJJEM ENVIRONMENTAL CORPORATION**

Address: **10 Quezon Road, San Isidro San Simon Pampanga**

Name of QA/QC: **Mark Vincent D. Lau**

Name of Team Leader: **John Carlo L. Jacinto**

SAT Accreditation No.: **2020-090**

Valid until: **September 17, 2023**

Name of Members: **Mr. Ronnie A. Abuhan**

Senior Technical Aide

Mr. John Vel A. Lucar

Technical Aide

Mr. Giovanni M. Galenzoga

Technical Aide/Driver

VI. REMARKS/RECOMMENDATIONS

1. Recommended for the approval of test plan with condition of operating the One (1) Unit 300 HP Kewanee Diesel Fired Boiler at least 90% or at the normal operating capacity and Two (2) Unit Cummins Diesel Engine Generator Sets at a minimum



EVALUATION OF SOURCE SPECIFIC TEST PLAN

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:

JOSEPH R. AURE/Engr. JANET V. POLEA
Source Emission Monitoring Specialist/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