



## COMPLIANCE INSPECTION FOR AIR QUALITY MANAGEMENT



## ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: \_\_\_\_\_

Date of Inspection: **January 17, 2022**Mission Order No.: **N.A / Table monitoring****1. GENERAL INFORMATION**Name of Establishment: **Borongan Caltex Service Station Project**Address: **Brgy. Sabang South Borongan City, Eastern Samar**Geo Coordinates: **11.6187906 125.43595**Nature of Business: **Fuel Refilling Station**PSIC Code: **4661**Product: **Gasoline, Diesel**Year Established: **2002**Operating hours/day: **14**Operating days/week: **6.5**Operating days/year: **312**

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
N/A	N/A	N/A
Name of Managing Head: <b>Susiano Arnold Uy</b>		
Name of PCO: <b>Constantine June Lauros</b>		
PCO Accreditation No.:	<b>COA No. 2017-RVII-0049</b>	Date of Effectivity: <b>July 3, 2017 valid until July 3, 2020</b>
Phone/Fax:	<b>0917-1239418</b>	Email: <b>bro.soni@yahoo.com</b>

**2. PURPOSE OF INSPECTION**

- ☐ Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification

	New	Renewal
<input type="checkbox"/> New Renewal		
<input type="checkbox"/> PMPIN Application	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste ID Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste Transporter Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous waste TSD Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit to Operate Air Pollution Control Installation	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Discharge Permit	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Others _____	<input type="checkbox"/>	<input type="checkbox"/>

- ☒ Determine compliance status with the environmental regulations, permit conditions, and other requirements

- ☐ Investigate community complaints

- ☐ Check status of voluntary commitment

☐ Industrial Ecowatch  
☐ Philippine Environmental Partnership Program (PEPP)  
☐ Pollution Adjudication Board (PAB)  
☐ Others \_\_\_\_\_

- ☒ Others **Table Monitoring on Air Quality Management**

Name of Contact Person	<b>Constantine June Lauros / Susiano Arnold Uy</b>
Position / Designation	<b>PCO / Manager</b>



3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	08-021213-0138	Dec.20, 2002 amended on April 17, 2019	
	ECC2			
	ECC3			
RA 6969	DENR Registry ID	GR-R8-26-00042	02-27-2018	
	PCL Compliance Certificate	N/A		
	CCO Registry	N/A		
	Permit to Transport	N/A as of this moment		
RA 8749	POA No.	17- POA- F- 0826-0269	June 21, 2017	June 21, 2022
RA 9003	ECC for Sanitary Landfill	N/A		
RA 9275	DP No.	18-DP-F- 0826-0046 DP-R08-1901399 DP-R08-20-02860 DP-R08-21-04708	2018-06-11 2019-06-14 2020-06-16 2021-07-29	2019-06-11 2020-06-14 2021-06-16 2022-07-29

MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

Emission Source Data Information	
Emission Source No.	1
Type (Brand/Model)	" DENYO " Generator
Rated Capacity	1.5 KVA
Fuel Type & Quantity	Diesel
Operating Capacity	
Control Facility	Muffler
Notes	

Emission Source Data Information	
Emission Source No.	2
Type (Brand/Model)	Underground Tank for Gasoline
Rated Capacity	15000 Liters
Fuel Type & Quantity	
Operating Capacity	14
Control Facility	
Notes	

Emission Source Data Information	
Emission Source No.	3
Type (Brand/Model)	Underground Tank for Gasoline
Rated Capacity	15000 Liters
Fuel Type & Quantity	
Operating Capacity	14hrs
Control Facility	
Notes	

Emission Source Data Information	
Emission Source No.	4
Type (Brand/Model)	Underground Tank for Kerosene
Rated Capacity	15000 Liters
Fuel Type & Quantity	
Operating Capacity	14hrs
Control Facility	
Notes	



Emission Source Data Information	
Emission Source No.	5
Type (Brand/Model)	Underground Tank for Diesel
Rated Capacity	15000 Liters
Fuel Type & Quantity	
Operating Capacity	14hrs
Control Facility	
Notes	

Emission Source Data Information	
Emission Source No.	
Type (Brand/Model)	
Rated Capacity	
Fuel Type & Quantity	
Operating Capacity	
Control Facility	
Notes	

Legal Provision	Regulatory Requirements	Compliant			Notes
		Y	N	N/A	
DAO 2004-26					
Rule 19 Section 1	All emission sources have a valid Permit to Operate		/		Underground tanks are not covered in the existing Permit
Rule 19 Section 3	As built design of the installation conforms with submitted engineering plans and specifications	/			
	Declared control facilities are installed and operational	/			
	Installation is located as proposed in the vicinity map (plant and machinery layout)	/			
	Facility design capacity is within the capacity declared in the application for permit to operate	/			
Rule 19 Section 5	Temporary Permit is still valid			/	
Rule 19 Section 6	Application for renewal has been filed for expiring Permit to Operate 30 days before permit expiration date			/	Permit is valid until June 21, 2022
Rule 19 Section 9	Permit to Operate displayed conspicuously upon the installation or in an accessible / visible place near the installation	/			
	Conditions of the Permit to Operate are complied with	/			
Rulle 19 Section 11	Plant operational problems notification submitted to EMB within 24 hours of occurrence			/	
Rule 19 Section 12	Quarterly submission of self-monitoring report	/			Q <sub>1</sub> 4-13-2021    Q <sub>2</sub> 7-6-2021 Q <sub>3</sub> 10-8-2021    Q <sub>4</sub> 01-10-2022
DAO 2000-81					
Part 7 Rule 25 Section 5 a# 1	Person in charge of the plant / equipment has sufficient measure to ensure that no dark smoke is discharging from any stack in the establishment. E.g.: window view of stack, mirror to reflect top of stack, smoke density indicator, CCTV, etc.			/	



Part 7 Rule 25 Section 5 a# 2	All oil-burning equipment have heaters capable of heating oil to a temperature appropriate for the oil and burner			/	
Part 7 Rule 25 Section 5 a# 3	Establishment is fossil fuel-fired power plant over 10MW rating installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is petroleum refinery / petrochemical industry installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is primary copper smelter installed with CEMS for particulates, sulfur oxide, and NOx			/	
	Establishment is steel plant installed with CEMS for particulates and sulfur oxide			/	
	Establishment is ferro-alloy production facility installed with CEMS for particulates			/	
	Establishment is cement plant installed with CEMS for particulates			/	
Part 7 Rule 25 Section 5 b	Miscellaneous equipment like reheating furnace, smoke oven, bake oven, coffee heaters, varnish kettles, etc. are installed with pollution control facilities			/	
Part 7 Rule 25 Section 13 a	Establishment has precautionary controls for dusts generated during vehicular movement, transportation of materials, construction, etc. (List controls identified)			/	
Part 7 Rule 25 Section 13 b	Establishment has precautionary controls for volatile organic compounds or organic solvent emissions generated during storing, pumping, handling, processing, etc. (List controls identified)			/	
Part 7 Rule 25 Section 13 d	No open burning activity in the establishment	/			

EMB Memorandum Circulars					
MC 2009-04	Standby Gensets with capacity greater than or equal to 1,250 KW undergo annual emission testing (with 3 test runs). These gesets should not have the potential to emit more than 100tons/year of regulated pollutant.			/	
MC 2007-003 (2)	Boiler rated at greater than or equal to 251HP undergo bi-annual emission testing (with 3 test runs)			/	

	Other sources that have potential to emit equal to or greater than 100tons/year of regulated pollutant undergo bi-annual emission testing (with 3 test runs)			/	
	Boiler rated between 100 to 250 HP undergo annual emission testing (with 3 test runs)			/	
	Diesel generator rated at 600 to 1,249KW undergo annual testing (with 3 test runs)			/	
	Other sources that have potential to emit greater than 30 but less than 100tons/year of regulated pollutant undergo annual emission testing (with 3 test runs)			/	
	Sources of emissions of hazardous air pollutants included in PCL (DAO 1998 -58) undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of petroleum refinery undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of petrochemical works undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of smelters undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of cement kilns undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of steel -making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of ferro-alloy-making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Emission sources of glass-making plants undergo bi-annual emission testing (with 3 test runs)			/	
	Boiler rated at 99HP or less undergo biennial emission testing (with 3 test runs)			/	



	Diesel generator rated at 599KW or less undergo biennial emission testing (with 3 test runs)			/	
	Other sources that have potential to emit at least 10tons/year but less than 30tons/year of regulated pollutant undergo biennial emission testing (with 3 test runs)			/	
	Source using Bunker Fuel Oil, blended fuels involving Bunker Fuel Oil, or sulfur content of 1% or more undergo bi-annual emission testing			/	
<b>Appendix F (Quality Assurance Procedures)</b>					
Section 6 (8)	Notification has been sent to EMB for any changes made in the CEMS installation			/	
	Notification has been sent to EMB for any changes made in the CEMS quality assurance and quality control plan			/	
Section 6 (5)	Each CEMS is audited and conducted in accordance to CFR 40 part 60 Appendix F.			/	
Section 6 (6)	Relative Accuracy Test Audit (RATA) is performed annually by industries in the presence of EMB personnel.			/	
	Establishment has sent thirty (30) day notice to EMB prior to the RATA testing schedule			/	
Section 6 (7)	Calibration gases are subject to audit or relative accuracy audit test every quarter				
	Other alternative quarterly audits employed by the establishment are approved by EMB.			/	
Section 6 (9)	EMB Director and Regional Director have been notified of CEMS malfunction that lasted longer than seven (7) consecutive days.			/	
Section 7 (1)	Records of occurrence and duration of any start-up, shut-down or malfunction in the operation of any source or control facility is available in the establishment.			/	



Section 7 (2)	Records of audits, performance testing, evaluations, calibration checks, adjustments and maintenance of any continuous emission monitors that have been installed pursuant to Rule IX Section 5 of DAO 2000-81 are available in the establishment.			/	
Section 8 (1)	SMR includes data on the time intervals, date and magnitude of excess emissions, nature and cause of excess, corrective actions taken, and preventive measures adopted.			/	
Section 8 (2)	SMR includes information on the averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard for the pollutant/source category in question.			/	
Section 8 (3)	SMR includes information on time and date for each period during which the continuous monitoring system was inoperative and the nature of system repairs and adjustments made in the CEMS/COMS			/	
Section 8 (4)	SMR data measurements are within 75% data capture?			/	
<b>For Facilities Engaged with Consent Agreement</b>					
EMS established within 18 months upon entering Consent Agreement with EMB	EMS established within 18 months upon entering Consent Agreement with EMB			/	
DAO 2000-81 Part 7 Rule 25 Section 9b	Environmental Management Plan derived from EMS process submitted within 6 months after entering Consent Agreement with EMB			/	

**Other Observations:**

- The establishment was operational as per SMR evaluation
- Has Permit to Operate Air Pollution Source Installation with 17- POA- F- 0826-0269 issued on June 21, 2017 valid until June 21, 2022 for one (1) unit 1.5 KVA (1.2 KW) " DENYO" Brand Diesel fuel Generator Set.
- Has accredited Pollution Control Officer (PCO) in the name of Mr. Constantine June Lauros with COA No. 2017-RVII-0049 dated July 3, 2017, valid until July 3, 2020.
- Has submitted Self-monitoring Report (SMR)
- One (1) unit Underground Tank for Diesel, two (2) Units UGT for Gasoline, and One (1) unit UGT for Kerosene with a rated capacity of 1500KL each are not covered with the existing Permit to operate with reference no. 17-POA-F- 0826-0269 issued on June 21, 2017, valid until June 21, 2022.


**Remarks and Recommendation:**

- To apply for PTO amendment to cover the four (4) units underground tank
- To apply for PCO renewal
- For issuance of Notice to Comply

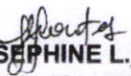
**List of Documents Reviewed:**

Environmental Compliance Certificate (ECC), Permit to Operate Air Pollution Source Installation (POA), and Discharge Permit.

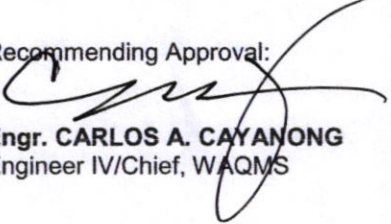
Submitted by:

  
**GINNALYN A. ESPOSA**  
EMS/I

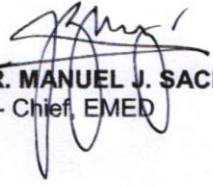
Concurred by:

  
**JOSEPHINE L. FUENTES**  
SEMS/ OIC- PEMU ES

Recommending Approval:

  
**Engr. CARLOS A. CAYANONG**  
Engineer IV/Chief, WAQMS

Approved:

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

Noted:

  
**ENGR. REYNALDO B. BARRA**  
OIC-Regional Director



