

**COMPLIANCE INSPECTION FOR AIR QUALITY MANAGEMENT****ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION**

Report Control Number: _____

Date of Inspection: March 4, 2022

Mission Order No.: EMBR8-2022-007138

1. GENERAL INFORMATIONName of Establishment: **CONSTRUCTION OF READY MIX CONCRETE BATCHING PLANT (RGR CONSTRUCTION AND SUPPLY)**

Address: Brgy. Baras, Palo, Leyte

Geo Coordinates:

Nature of Business: Concrete Batching Plant

11.16149°N, 125.00358°E

PSIC Code: 239

Product:

Year Established: 2019

Operating hours/day:
8 hoursOperating days/week:
6 daysOperating days/year:
288 days

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Name of Managing Head:	MR. RONALD ORTEGA	
Name of PCO:	MARIE BERNADETTE ORTEGA	
PCO Accreditation No.:		Date of Effectivity:
Phone/Fax:	(0917) 321 7531	Email:

2. PURPOSE OF INSPECTION

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

New Renewal

New

Renewal

PMPIN Application

☐☐

Hazardous Waste ID Registration

☐☐

Hazardous Waste Transporter Registration

☐☐

Hazardous waste TSD Registration

☐☐

Permit to Operate Air Pollution Control Installation

☐☐

Discharge Permit

☐☐

Others _____

☐☐☐☐

- ☒ 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 _____

Name of Contact Person	MR. JONATHAN B. PIRANTE
Position / Designation	Supervisor

3. COMPLIANCE STATUS
3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-OL-RO8-2019-0146	08-20-2019	
	ECC2			
	ECC3			
RA 6969	DENR Registry ID	GR-R8-37-00169	03-08-2005	
	PCL Compliance Certificate			
	CCO Registry			
	Permit to Transport			
RA 8749	POA No.	POA-2020-B-0837-0040	02-28-2020	02-07-2025
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.	RO8-22-00085	01-05-2022	11-05-2022

MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

Emission Source Data Information	
Emission Source No.	1
Type (Brand/Model)	Concrete Batching Plant
Rated Capacity	120 MT/hour
Fuel Type & Quantity	
Operating Capacity	
Control Facility	Dust Collector
Notes	

Emission Source Data Information	
Emission Source No.	2
Type (Brand/Model)	"ETONE" Generator Set
Rated Capacity	137 KVA (110 KW)
Fuel Type & Quantity	Diesel
Operating Capacity	
Control Facility	Muffler
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	✓			PTO valid until February 7, 2025
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			✓	
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	✓			

Rule 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 ₁ Q ₂ Q ₃ Q ₄ 01-14-2022
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			✓	State equipment then control facility/ies.
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)			✓	Example: It has tire bath Automated water sprinklers
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 Gen sets with capacity greater than or equal to 1,250 KW undergo annual emission testing (with 3 test runs). These gen sets 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			✓	
Appendix F (Quality Assurance Procedures)					
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?			✓	
For Facilities Engaged with Consent Agreement					
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:

1. The Concrete Batching Plant was not operational during the time of monitoring due to heavy rains. Normal operation starts at eight (8) hours a day and six (6) days in a week with a capacity of 100 m³ per day.
2. The Project was issued an Environmental Compliance Certificate with Reference No. OL-RO8-2019-0146 dated August 20, 2019 by this Office.
3. The Air Pollution Source Equipments observed inside the plant include: one(1) unit standby generator set, "ETONE Brand", with a capacity of 137 KVA (110 KW) provided with muffler and one (1) unit Concrete Batching Plant with 100-Ton Cement Silo equipped with dust collector with a capacity of 120 MT per hour.
4. Said equipments have valid Permit to Operate until February 7, 2025.
5. Self Monitoring Report for the 4th quarter of CY 2021 was submitted on January 14, 2022.

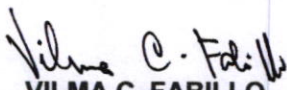
Remarks and Recommendations:

Continue your compliance with the rules and regulations of Republic Act No. 8749 (Philippine Clean Air Act of 1999) and all the conditions stipulated in the Permit to Operate issued to your establishment.

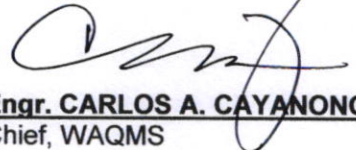
List of Documents Reviewed:

Copy of Permit to Operate and SMR.

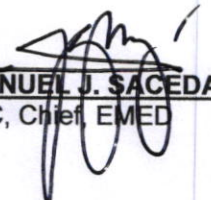
Submitted by:


VILMA C. FABILLO
Senior EMS

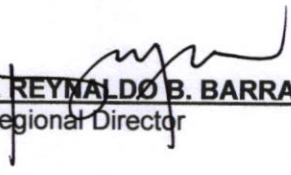
Recommending Approval:

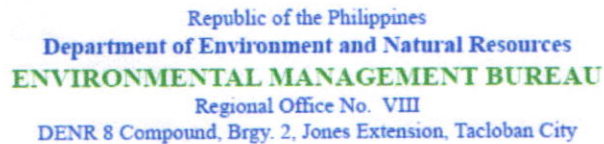

Engr. CARLOS A. CAYANONG
Chief, WAQMS

Approved by:


MANUEL J. SACEDA, JR.
OIC, Chief, EMED

Noted by:


ENGR. REYNALDO B. BARRA
OIC, Regional Director



Company Name : ENVIRONMENTAL MANAGEMENT BUREAU -
REGION VIII (EASTERN VISAYAS)

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