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|  | ENVIRONMENTAL MANAGEMENT BUREAU REGION 8 |  |
| | COMPLIANCE INSPECTION FOR AIR QUALITY MANAGEMENT | |

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: _____
Date of Inspection: **February 17, 2022**
Mission Order No.: **Table monitoring**

| | | |
|---|-----------------------------------|--|
| 1. GENERAL INFORMATION | | |
| Name of Establishment: Gasoline Filling Station (Borongan Star Fuel Station)- Renerio B. Ador | | |
| Address: Brgy.Taboc, Borongan City, Eastern Samar | | Geo Coordinates: 11.33833333, 125.5869444 |
| Nature of Business: Fuel Refilling Station | | |
| PSIC Code: 4661 | Product: PETROLEUM PRODUCT | Year Established: 2009 |
| Operating hours/day: 12 | Operating days/week: 7 | Operating days/year: 365 |

| | | |
|------------------------|--|------------------------------------|
| 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: | Lydia Anacta | |
| Name of PCO: | Joanne B. Gracias (Designated) | |
| PCO Accreditation No.: | Not yet accredited | Date of Effectivity: |
| Phone/Fax: | 09176219153 | Email: lydzanacta@gmail.com |

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| 2. PURPOSE OF INSPECTION | | |
| <input type="checkbox"/> Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification | | |
| <div style="display: flex; justify-content: space-between;"> <div> <div style="margin-bottom: 5px;">_____ New Renewal</div> <div style="margin-bottom: 5px;">_____ PMPIN Application</div> <div style="margin-bottom: 5px;">_____ Hazardous Waste ID Registration</div> <div style="margin-bottom: 5px;">_____ Hazardous Waste Transporter Registration</div> <div style="margin-bottom: 5px;">_____ Hazardous waste TSD Registration</div> <div style="margin-bottom: 5px;">_____ Permit to Operate Air Pollution Control Installation</div> <div style="margin-bottom: 5px;">_____ Discharge Permit</div> <div style="margin-bottom: 5px;">_____ Others _____</div> </div> <div> <div style="margin-bottom: 5px; text-align: center;">New</div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> </div> <div> <div style="margin-bottom: 5px; text-align: center;">Renewal</div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> <div style="margin-bottom: 5px; text-align: center;"><input type="checkbox"/></div> </div> </div> | | |

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| <input type="checkbox"/> Determine compliance status with the environmental regulations, permit conditions, and other requirements <input type="checkbox"/> Investigate community complaints <input type="checkbox"/> Check status of voluntary commitment <div style="margin-bottom: 5px;">_____ Industrial Ecowatch</div> <div style="margin-bottom: 5px;">_____ Philippine Environmental Partnership Program (PEPP)</div> <div style="margin-bottom: 5px;">_____ Pollution Adjudication Board (PAB)</div> <div style="margin-bottom: 5px;">_____ Others _____</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Others Table monitoring</div> | |
| Name of Contact Person | LYDIA L. ANACTA / Joanne B. Gracias |
| Position / Designation | Owner/ Designated PCO |

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

| Environmental Law | Permits | | Date of Issue | Expiry Date |
|-------------------|----------------------------|-----------------------|---------------|-------------|
| PD 1586 | ECC1 | ECC-R08-0804-057-6281 | 6/3/2008 | |
| | ECC2 | | | |
| | ECC3 | | | |
| RA 6969 | DENR Registry ID | NONE | | |
| | PCL Compliance Certificate | N/A | | |
| | CCO Registry | N/A | | |
| | Permit to Transport | N/A | | |
| RA 8749 | POA No. | 17-POA-C-0826-0079 | 03/6/2017 | 03/6/2022 |
| RA 9003 | ECC for Sanitary Landfill | | | |
| RA 9275 | DP No. | DP-R08-20-00800 | 02/12/2020 | 5/12/2020 |
| | | DP-R08-20-03417 | 8/17/2020 | 2/17/2021 |
| | | DP-R08-21-03030 | 2021-05-25 | 2025-05-25 |

MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

| Emission Source Data Information | |
|----------------------------------|---------------------|
| Emission Source No. | 1 |
| Type (Brand/Model) | " AIRMAN" Generator |
| Rated Capacity | 20 KW |
| Fuel Type & Quantity | Diesel |
| Operating Capacity | |
| Control Facility | |
| Notes | |

| Emission Source Data Information | |
|----------------------------------|--------------------------|
| Emission Source No. | 2 |
| Type (Brand/Model) | Underground Tank –Diesel |
| Rated Capacity | 20 KL |
| Fuel Type & Quantity | |
| Operating Capacity | |
| Control Facility | |
| Notes | |

| Emission Source Data Information | |
|----------------------------------|-------------------------------------|
| Emission Source No. | 3 |
| Type (Brand/Model) | Underground Tank – Premium Gasoline |
| Rated Capacity | 20 KL |
| Fuel Type & Quantity | |
| Operating Capacity | |
| Control Facility | |
| Notes | |

| Emission Source Data Information | |
|----------------------------------|-------------------------------------|
| Emission Source No. | 4 |
| Type (Brand/Model) | Underground Tank – Premium Gasoline |
| Rated Capacity | 20 KL |
| 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 | | / | | 3 (units) Underground Tanks for Diesel and Gasoline are not covered by the existing POA |
| 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 | / | | | |
| 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 ₁ 05/ 20/2021 Q ₂ 01/04/2022 Q ₃ Q ₄ |
| 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 | | | / | |

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| | 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

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|-----------------|---|--|--|---|--|
| 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) | | | / | |

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| | 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) | | | / | |

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| | 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 | | | / | |

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| | 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:

- The establishment was operational as per table monitoring
- Permit to Operate Air Pollution Source Installation for the one-unit 20KW Airman generator set with reference no. 17-POA -C-0826-0079 issued on March 6, 2017, valid until March 6, 2022.
- Has Three (3) units' underground tanks for gasoline and diesel fuels but not covered in the existing PTO.
- Self-monitoring Report for the 2nd quarter of C.Y 2021 was submitted on January 4, 2022.


Remarks and Recommendation:

- To apply for the renewal of PTO and include the three (3) units Underground Tanks for Diesel and Gasoline in the application.
- To submit reports on time
- For issuance of Notice to Comply.

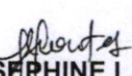
List of Documents Reviewed:

- Submitted SMR for the 2nd quarter of C.Y.2021, PTO, DP, ECC

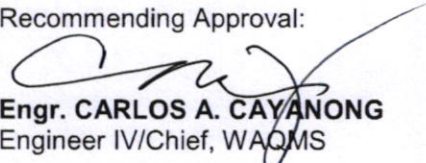
Submitted by:


GINNAELYN A. ESPOSA
 EMS I


Concurred by:


JOSEPHINE L. FUENTES
 SEMS/ OIC- PEMU ES

Recommending Approval:

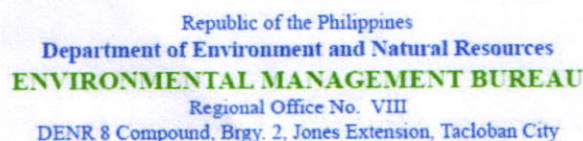

Engr. CARLOS A. CAYANONG
 Engineer IV/Chief, WAQMS

Approved:


FOR. MANUEL J. SACEDA, JR.
 OIC- Chief, EMB

Noted:


ENGR. REYNALDO B. BARRA
 OIC-Regional Director



Company Name : BORONGAN STAR FUEL STATION , NATIONAL ROAD. TABOC, BORONGAN CITY, EASTERN SAMAR.