



COMPLIANCE INSPECTION FOR AIR QUALITY MANAGEMENT

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION
(TABLE MONITORING)

Report Control Number: _____
Date of Inspection: January 19, 2022
Mission Order No.: _____

1. GENERAL INFORMATION

| | | |
|------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|
| Name of Establishment: EP FUELS GASOLINE STATION PROJECT (EMMELIE PFLEIDER SILAO) | | |
| Address: Brgy. 71, Naga-naga, Tacloban City | | Geo Coordinates: 11.24577°N, 124.98304°E |
| Nature of Business: Fuel Refilling Station | | |
| PSIC Code: 47300, 4661 | Product: | Year Established: 2016 |
| Operating hours/day: 24 hours | Operating days/week: 7 days | Operating days/year: 365 days |

| Product Lines | Production Rate as Declared in the ECC (unit/day) | Actual Production Rate (unit/day) |
|------------------------|------------------------------------------------------|-------------------------------------|
| | | |
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| | | |
| Name of Managing Head: | MS. EMMELIE PFLEIDER SILAO | |
| Name of PCO: | JOEL P. SILAO | |
| PCO Accreditation No.: | 2021-RVIII-0023 | Date of Effectivity: March 10, 2021 |
| Phone/Fax: | (0917) 707 5482 | 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

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Hazardous Waste Transporter Registration

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Hazardous waste TSD Registration

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Permit to Operate Air Pollution Control Installation

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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 | MS. ANALYN S. AGUNOS |
| 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-RO8-2016-0014 | 02-22-2016 | |
| | ECC2 | | | |
| | ECC3 | | | |
| RA 6969 | DENR Registry ID | | | |
| | PCL Compliance Certificate | | | |
| | CCO Registry | | | |
| | Permit to Transport | | | |
| RA 8749 | POA No. | 18-POA-C-0837-0052 | 03-20-2018 | 03-20-2023 |
| RA 9003 | ECC for Sanitary Landfill | | | |
| RA 9275 | DP No. | RO8-22-01022 | 02-09-2022 | 02-09-2023 |

MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

| Emission Source Data Information | |
|----------------------------------|---------------------------|
| Emission Source No. | 1 |
| Type (Brand/Model) | "Shinsetsu" Generator Set |
| Rated Capacity | 12.5 KVA (10 KW) |
| Fuel Type & Quantity | Diesel |
| Operating Capacity | |
| Control Facility | Muffler |
| Notes: | Standby |

| Emission Source Data Information | |
|----------------------------------|------------------|
| Emission Source No. | 2 |
| Type (Brand/Model) | UGTs (3 units) |
| Rated Capacity | 25KL, 16KL, 16KL |
| 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 | ✓ | | | PTO valid until March 20, 2023 |
| 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 | ✓ | | | |

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|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|---|---------------------------------------------------------------------------|
| 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 01-10-2022 |
| 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 | | | ✓ | 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 | ✓ | | | |

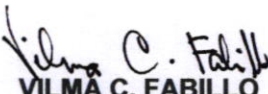
| EMB Memorandum Circulars | | | | | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---|--|
| 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. | | | ✓ | |

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|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---|--|
| 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 | | | ✓ | |

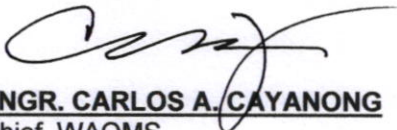
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| Other Observations: <ol style="list-style-type: none"> 1. The gasoline station is operational, per information from the Station Supervisor, Ms. Annalyn S. Agunos. 2. It is operating with a valid Permit to Operate No. 18-POA-C-0837-0052 issued on March 20, 2018 and valid until March 20, 2023 for the three (3) units underground tanks with a capacity of 25 KL for diesel, 16 KL for premium gasoline and 16 KL for unleaded gasoline and one (1) 12.5 KVA (10 KW) "Shinsetsu" brand standby generator set. 3. Mr. Joel P. Silao is the Accredited Pollution Control Officer with Accreditation No. 2021-RVIII-0023 issued on March 10, 2021. 4. Self Monitoring Report for the 4th quarter of CY 2021 was submitted on January 10, 2022. |
| Remarks and Recommendations: <p>Continue your compliance with all the conditions stipulated in the Permit to Operate and Rules and Regulations of RA 8749 (Philippine Clean Air Act of 1999).</p> |
| List of Documents Reviewed: <p>Permit to Operate and SMR.</p> |

Submitted by:



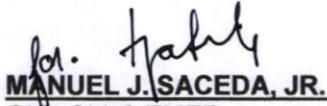
VILMA C. FABILLO
Senior EMS

Recommending Approval:



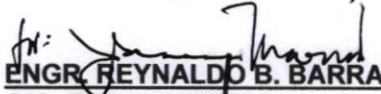
ENGR. CARLOS A. CAYANONG
Chief, WAQMS

Approved by:



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

Noted by:



ENGR. REYNALDO B. BARRA
OIC, Regional Director

