



## COMPLIANCE INSPECTION FOR AIR QUALITY MANAGEMENT



Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: \_\_\_\_\_  
 Date of Inspection: January 12, 2022  
 Mission Order No.: TABLE MONITORING

## 1. GENERAL INFORMATION

Name of Establishment: BIRI DIESEL POWER PLANT		Geo Coordinates: 12.666944, 124.363333
Address: BRGY. POBLACION, BIRI, NORTHERN SAMAR		
Nature of Business: Power Generation		
PSIC Code: 35100	Product: Electric Power	Year Established: 1994
Operating hours/day: 8	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:	PIO J. BINAVIDEZ	
Name of PCO:	JOSE P. SUMALINOG	
PCO Accreditation No.:	COA No. 2021-RVIII-0170	Date of Effectivity: 9/21/2021 – 9/21/2024
Phone/Fax:	09081819361	Email: joesum2018@yahoo.com

## 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"/>	<input type="checkbox"/>
<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 checked="" 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

<input type="checkbox"/> Investigate community complaints
<input type="checkbox"/> Check status of voluntary commitment
<input type="checkbox"/> Industrial Ecowatch
<input type="checkbox"/> Philippine Environmental Partnership Program (PEPP)
<input type="checkbox"/> Pollution Adjudication Board (PAB)
<input type="checkbox"/> Others _____
<input type="checkbox"/> Others _____

Name of Contact Person	JOSE P. SUMALINOG
Position / Designation	PCO

### 3. COMPLIANCE STATUS

#### 3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-RO8-1610-0041	1/5/2016	N/A
	ECC2	N/A		
	ECC3	N/A		
RA 6969	DENR Registry ID	OL-GR-R8-48-012032	1/21/2021	N/A
	PCL Compliance Certificate	N/A		
	CCO Registry	CCO-PCB-R8-NPC-77	7/21/2021	N/A
	Permit to Transport	N/A		
RA 8749	POA No.	PTO-OL-RO8-2020-01192	9/28/2020	9/25/2025
RA 9003	ECC for Sanitary Landfill	N/A		
RA 9275	DP No.	DP-R08-20-03765	9/15/2021	9/15/2022

#### MODULE AQM01: PRE-INSPECTION INFORMATION SHEETFOR EMISSION SOURCES

Emission Source Data Information	
Emission Source No.	1
Type (Brand/Model)	Internal Combustion Engine
Rated Capacity	
Fuel Type & Quantity	DIESEL
Operating Capacity	
Control Facility	Muffler
Notes: 5 units Internal Combustion Engine	

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

Legal Provision	Regulatory Requirements	Compliant			Notes
		Y	N	N/A	
<b>DAO 2004-26</b>					
Rule 19 Section 1	All emission sources have a valid Permit to Operate	/			
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 <sub>1</sub> x      Q <sub>2</sub> x Q <sub>3</sub> x      Q <sub>4</sub> x
<b>DAO 2000-81</b>				
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 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			/	

**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?		/		
<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:**

1. The plant has valid Permit to Operate (PTO-OL-RO8-2020-01192) covering the 5 units Internal Combustion Engine (diesel) with muffler;
2. SMR submission is updated.

**Remarks and Recommendation:**

1. For continuous monitoring of the establishment's compliance to PTO conditions and clean air regulations.

**List of Documents Reviewed:**

SMR 4<sup>th</sup> Quarter of 2021

Prepared by:

  
**FOR. ROWENA B. PABIA**  
SR.EMS/QIC PEMO

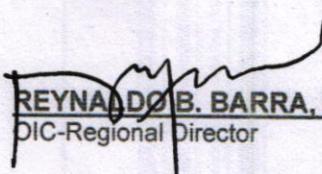
Concurred by:

  
**ENGR. CARLOS A. CAYANONG**  
ENGINEER IV/CHIEF, WAQMS

Approved by

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

Noted by:

  
**REYNALDO B. BARRA, PME**  
DIC-Regional Director





## **DISPOSITION FORM**

**Doc. Date** : January 25, 2022  
**IIS No.** : R8-2022-004887

**Company Name : NPC BIRI DDIESEL POWER PLANT 1997**



**Subject / Title:** AIR (TABLE MONITORING - NPC BIRI

**TO: All Officials/Personnel Concerned:**

Please accomplish and route this properly with the corresponding attached communication/documents. The Official or employee in-charge to whom this document is routed shall act promptly and expeditiously without discrimination as prescribed in the SECSIME or within fifteen (15) working days from receipt thereof, failure to do so is punishable by LAW under RA 6713 and negligence to Memorandum Circular No. 44 issued by the Office of the President of the Philippines "Directing all Government Agencies and Instrumentalities, including government-owned or controlled corporations to respond to all public requests and concerns within 15 days (15 from the receipt thereof).

For strict compliance.

**Use code for comment/instruction and desired action:**

A - For information / guidance / reference  
E - Pls. appropriate action  
I - For initial/signature

B - For comments / recommendations  
F - Pls. immediate investigation  
J - For study/evaluation

C - Pls. take up with me  
G - Pls. Attach supporting  
K - Pls. release/file

D - Pls. draft answer memo  
H - Pls. for approval  
L - Update stat of case

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