



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. VIII
DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



PCBMV-06: PCB MANAGEMENT MONITORING AND VALIDATION INSPECTION REPORT

GENERAL INFORMATION

CCO Registration Number:	CCO-PCB-R8-NPC-71	
Name of Establishment:	NPC – CABUNGAAN DIESEL POWER PLANT	
Location of Establishment:	Brgy. Cabungaan, Sto. Niño, Samar	
Name of PCO:	Engr. Rommel B. Gumalo	
PCO Accreditation No.:	COA No. 2021-RVIII-0161	
Phone / Fax: 0908-181-9370	Email: rbgumalo@napocor.gov.ph	
Date Monitored:	August 17, 2021	(Table Monitoring)

SUMMARY OF COMPLIANCE

The table below summarizes the compliance of **NPC – Cabungaan DPP** located at Brgy. Cabungaan, Sto. Niño, Samar to the contents of the PCB Management Plan submitted on May 16, 2021.

Component of the PCB Management Plan	Details	Complied? Yes No Partial	Remarks
Updated Inventory	PCB Equipment	Partial	NPC Cabungaan Diesel Power Plant now has a total of PCB Equipment with three (3) transformers in use and one (1) standby transformer.
	PCB Waste	Yes	As declared in their submitted SMR, NPC – Cabungaan DPP has no stored PCB nor PCB equipment waste as to date.
Decommissioning/Retirement, Retrofilling, Treatment and Decontamination, and Disposal Plan		No	The facility has one (1) unit 150kVA standby transformer. Disposal plan is not included in their PCB Mgt. Plan submitted.
Sampling and Analysis Plan (SAP)		No	As per PCO, the transformers of the mini-grid plant were not yet analyzed due to lack of funding and capability.
Health and Safety Plan	Handling PCBs	Partial	The HASP submitted by NPC – Cabungaan DPP contains clear and detailed information which meets the minimum requirements stated in MC 2015-007.
	PPE Program		Appropriate PPEs such as hard hat, safety shoes, safety vest, cover all, hand gloves, etc. are readily available and provided for use by their personnel and inspectors as part of their Health and Safety Program.
	Training Program for Personnel handling PCBs		No proper training regarding PCB handling was conducted at NPC – Cabungaan DPP for their personnel due to Covid-19 limitations.
Emergency Preparedness and Response Plan	Emergency Communication and Reporting Protocols	Partial	The EPR submitted contains clear data on the minimum requirements of MC 2015-007. Emergency Response Equipment such as Fire extinguishers, fire blanket, eye washer, etc. are provided for emergency use in the plant.
	EPR Training Program for Personnel		The submitted EPR of NPC – Cabungaan DPP states the training requirements and emergency preparedness program for their EPR Team which shall be implemented on an annual basis.
	Emergency Preparedness and Response Program/s		However, due to Covid-19 pandemic, they are just having their own training, facilitated by the PCO, which is included during their monthly meeting.
Storage Facility Closure Plan (<i>for Storage Facilities</i>)		No	Closure plan for the storage facility is not stated in their PCB Management Plan.

SUMMARY OF FINDINGS AND OBSERVATIONS

1. The Cabungaan DPP is a mini-grid plant operating with an accredited PCO, valid PTO, Discharge Permit, manual DENR ID and CCO Registration;
2. PCB Management Plan was updated as per latest submission on May 16, 2021.
3. Compliant as per 2nd Quarter 2021 SMR online submission on July 6, 2021.
4. Similar to the main plant, the PCB equipments in the mini-grid plant are still not analyzed due to lack of funding, thus still suspected as PCB equipment. However, the PCO is inquiring for assistance from the office for the sampling and analysis of their PCB-suspected equipments.
5. There is no PCB equipment or PCB waste generated in the facility as declared in the submitted 2nd Quarter SMR and as confirmed by the PCO.
6. No record of off-site hazardous wastes transport. Generated HW wastes are stored in drums in a temporary storage area.

RECOMMENDATIONS

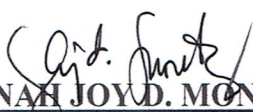
1. To register for online version of DENR ID as hazardous waste generator.
2. Must facilitate sampling and analysis of PCB equipment to an EMB-registered laboratory prior to its disposal.
3. To regularly update and submit PCB Management Plan.
4. Must construct permanent HW Storage Area conferring to the standards stated in DAO 2013-22 for proper handling and management of the generated hazardous wastes.
5. Strict and continuous compliance to RA 6969 and other existing environmental laws.

ATTACHMENTS

In support to this report, the following are attached herewith:

- Documentary Evidence of Compliance

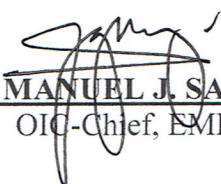
Submitted by:


HANNAH JOY D. MONTALLANA
Technical Staff

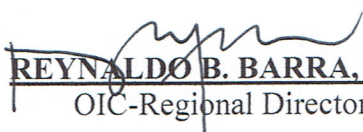
Recommending Approval:


LIZA A. TAN
Engr. III/ OIC-Chief, CHWMS

Approved by:


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

Noted by:


REYNALDO B. BARRA, PME
OIC-Regional Director

DOCUMENTARY EVIDENCE OF COMPLIANCE

PCB EQUIPMENT INFO

NPC - CABUNGAAN DIESEL POWER PLANT

ATTACH A SITE MAP

Show 10 entries Search:

Type of Equipment (Serial #) / Equipment Code	Actions
Transformer - Oil-based (0510C1216) / CCO-PCB-R8-NPC-71-187646	✓
Transformer - Oil-based (Sample serial) / CCO-PCB-R8-NPC-71-189295	✓
Transformer - Oil-based (0510C1213) / CCO-PCB-R8-NPC-71-187644	✓
Transformer - Oil-based (18010759) / CCO-PCB-R8-NPC-71-187643	✓
Transformer - Oil-based (0510C1210) / CCO-PCB-R8-NPC-71-187645	✓

NPC – CABUNGAAN DPP TRANSFORMER ONLINE INVENTORY

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU REGION 8
8000 Camarines Sur, Tuguegarao City

PCB REGISTRATION CERTIFICATE

Registration Certificate Number
CCO-PCB-R8-NPC-71

CCO (PCB) REGISTRATION CERTIFICATE

Pursuant to Republic Act 6969 (Toxic Chemical and Hazardous and Nuclear Waste Control Act) and implemented by DENR Administrative Order 1992-29 (Implementing Rules and Regulations of RA 6969) and DENR Administrative Order 2004-01 (CCO for Polychlorinated Biphenyls), this CCO Registration Certificate is issued to:

NPC – SPUO Visayas – Cabungaan Diesel Power Plant
Brgy. Cabungaan, Sto. Niño, Samar

for having complied with the Chemical Control Order requirements as

Owner/User of PCB Containing Equipment

subject to the following:

TERMS AND CONDITIONS

- The company must submit Polychlorinated Biphenyls (PCBs) inventory and PCB Management Plan as prescribed by Memorandum Circular 2015-004 (Clarifications to the CCO of PCBs).
- Must comply with the proper storage, handling, labeling, and disposal requirements in accordance with the DAO 2004-01, DAO 2015-02 (Revised Procedures and Standards for the Management of Hazardous Waste (Revising DAO 2014-36)), MC 2015-004 and other provisions of RA 6969.
- Must submit Self Monitoring Report (SMR) on the status of use and disposal (environmentally sound management) of the PCB equipment.
- Shall be held liable in cases of injury or damage to public health and the environment and shall properly compensate the affected parties and/or restore damaged areas resulting from misuse, mismanagement, transport accident and improper disposal of PCBs.
- Any violation of the Terms and Conditions stipulated shall be subjected to the penalty provision of RA 6969.

Issued on May 12, 2020.

Permit Fee: ₱6,473,732.00
Documentary Stamp: ₱6,473,732.00
Amount: ₱12,947,464.00
Date: May 7, 2020
May 7, 2020

ESTRELLA R. MACEDA
Regional Director

Protect the Environment... Protect Life...

FM-CPD-19 00 10-01-17

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Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Region VIII
8000 Camarines Sur, Tuguegarao City, No. Second District for its establishment

Date: Oct 08, 2020 Permit No.: DP-R8-30-04536

WASTEWATER DISCHARGE PERMIT

Pursuant to Section 14, Article 2, of the RA 9273 otherwise known as the "Philippines Clean Water Act of 2004", this permit is hereby granted to National Power Corporation with office address at Bar Road Cor. Quince Avenue, Pinyan, Quezon City, No. Second District for its establishment.

NPC-Cabungaan Diesel Power Plant Name: Cabungaan SAMTO NINO

TA No. 301-005-10-299

1. The discharge volume of the wastewater generated shall not exceed the **5.81 m³/day**

- The maximum wastewater generation of **5.81 m³/day** shall be from washing/laundry activities.
- The maximum wastewater generation of **5.81 m³/day** shall be from cooling process.
- The maximum wastewater generation of **5.81 m³/day** shall be from domestic wastes.
- The maximum wastewater generation of **5.81 m³/day** shall be from reproductive process.
- The maximum wastewater generation of **5.81 m³/day** shall be from other sources (i.e. leaks, generating etc.).

7. Submit Self-Monitoring (SMR) based on the following schedule:

Quarter	Coverage	Submission	Quarter	Coverage	Submission
First	January	1-15 Apr	Third	July-Aug	1-15 Oct
Second	April-May	1-15 Jul	Fourth	Oct-Dec	1-15 Jan

8. Submit Certificate of decontamination of the Septic Tank and treatment of the same by an accredited service provider.

9. Allow the entry of our duly authorized representative(s) to conduct inspection under your premises.

10. This permit, together with the corresponding Official Receipts of Payment, shall be adequately bonded and posted in a conspicuous place at the plant/establishment.

11. The application for renewal of this permit shall be filed no later than **thirty (30) days** prior to its expiration.

This permit is valid up to October 8, 2022, unless renewed or suspended by this Office in writing.

Non-compliance with the above conditions under any provision of this CCO's otherwise known as "Philippines Clean Water Act of 2004" is a corresponding penalty in the amount of ₱10,000.00 per violation shall be imposed.

Recommended by: [Signature] Approved by: [Signature]

Regional Director

ESTRELLA R. MACEDA
Regional Director

Protect the Environment... Protect Life...

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DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU REGION 8
8000 Camarines Sur, Tuguegarao City

PCO CERTIFICATE OF ACCREDITATION

COA No. 2021-RVIII-0161

Pursuant to Section 63 of Administrative Order No. 2014-02 dated February 3, 2014 of the Department of Environment and Natural Resources and having substantiated that all the requirements prescribed therein,

ROMMEL B. GUMALO
is hereby duly accredited as

POLLUTION CONTROL OFFICER

of

STO. NIÑO DIESEL POWER PLANT & STO. NIÑO MINI GRID (CABUNGAAN DPP, ILLJAN DPP, TAKUT DPP, LIBUCAN DACU DPP, CAMANDAG DPP)
(Power Generation / Category B)

located at Brgy. Banud, Camarines Sur, Cabungaan, Ilijan & Camandag, Sto. Niño, Samar, Libucan Island, Tuguegarao, Samar to perform the duties and responsibilities as such, as indicated in Section 10, DAO 2014-02.

Granted this 2nd day of September 2021.

This accreditation is valid until **September 2, 2024** unless sooner revoked for cause. The accreditation shall be renewed not later than one (1) month prior to its expiration.

ENGR. ESTRELLA R. MACEDA
Regional Director

FM-CPD-11 01 07-01-18

EMB ISSUED PERMITS TO NPC - CABUNGAAN DPP