



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-72		
Name of Establishment:	NPC – ILIJAN DIESEL POWER PLANT		
Location of Establishment:	Brgy. Iligan, Sto. Niño, Samar		
Name of PCO:	Engr. Rommel B. Gumalo		
PCO Accreditation No.:	COA No. 2021-RVIII-0161		
Phone / Fax: 0908-181-9378	Email: rbgumalo@napocor.gov.ph		
Date Monitored:	September 14, 2021	(Table Monitoring)	

SUMMARY OF COMPLIANCE

The table below summarizes the compliance of NPC – Ilijan DPP located Brgy. Ilijan, Sto. Niño, Samar to the contents of the PCB Management Plan submitted on June 10, 2020.

Component of the PCB Management Plan	Details	Complied? Yes No Partial	Remarks
Updated Inventory	PCB Equipment	Yes	NPC Ilijan Diesel Power Plant has one (1) standby power transformer and four (4) in-use distribution transformers considered as PCB equipments.
	PCB Waste	No	The facility has one (1) distribution transformer subject for disposal but is not declared in their submitted SMR.
Decommissioning/Retirement, Retrofilling, Treatment and Decontamination, and Disposal Plan		No	Decommission of PCB waste equipments are not included in their PCB Management Plan.
Sampling and Analysis Plan (SAP)		No	The proposed schedule for sampling and analysis is on the year 2020, but as to date the equipments are still not analyzed due to lack of funding.
Health and Safety Plan	Handling PCBs	Partial	The HASP submitted by NPC – Ilijan DPP contains Health and Safety Organizational Structure headed by the PCO with 4 safety officers, and detailed PCB-Related Hazards Identification, Risk Assessment and Controls.
	PPE Program		As per PCO, appropriate PPEs such as safety shoes, hard hat, etc. are provided for those personnel handling PCB as part of their Health and Safety program.
	Training Program for Personnel handling PCBs		No formal training yet was conducted at Ilijan DPP for their personnel handling PCBs.
Emergency Preparedness and Response Plan	Emergency Communication and Reporting Protocols	Partial	The EPR submitted contains detailed information 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 Ilijan Mini-Grid Plant is just having their own personnel training, headed by the PCO, during their monthly meeting.
	Emergency Preparedness and Response Program/s		The submitted EPR Plan states the detailed procedure for responding to PCB spill and fire, as well as training requirements for their EPR Team which shall be implemented yearly.
Storage Facility Closure Plan (for Storage Facilities)		No	No storage facility closure plan was included in the submitted PCB Mgt. Plan. Busted transformer is stored in HW storage area.

SUMMARY OF FINDINGS AND OBSERVATIONS

1. The plant is operating with one (1) accredited PCO, DENR ID and CCO Registration, valid PTO and DP as per office records.
2. The plant has one (1) unit 100 kVA standby power transformer, three (3) units 25 kVA and one (1) 10 kVA in-use distribution transformers.
3. The components of the PCB Management Plan are not fully implemented.
4. Compliance as per submission of 2nd Quarter 2021 SMR online on July 6, 2021.
5. The transformers present in the plant including the busted transformer were not yet analyzed, thus, still suspected as PCB equipment.
6. One (1) unit busted transformer is present in the hazardous waste storage area together with the generated used oil, however, it is not declared in their submitted 2nd Quarter SMR.
7. No record of off-site transport of PCB and hazardous wastes. Generated PCB and hazardous wastes are stored in the hazardous waste storage area.

RECOMMENDATIONS

1. To update DENR ID to online version.
2. To strictly and regularly update PCB Management Plan online and fully implement its components.
3. PCB equipments including the busted transformer must be analyzed by an EMB-registered laboratory for possible PCB contamination prior to final disposal.
4. To include the one (1) unit busted distribution transformer in the inventory of hazardous wastes in the quarterly submission of SMR.
5. To facilitate immediate transport and treatment of stored hazardous wastes to any EMB-accredited transporter and treatment facility.
6. 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

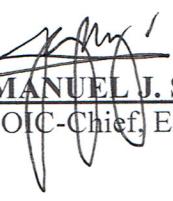
Submitted by:


HANNAH JOY B. MONTALLANA
Technical Staff

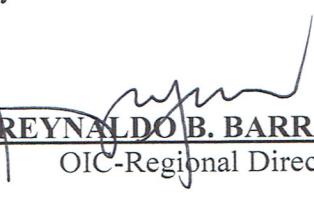
Recommending Approval:


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

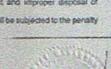
DOCUMENTARY EVIDENCE OF COMPLIANCE

NATIONAL POWER CORPORATION – ILIJAN DIESEL POWER PLANT
PCB Management Monitoring and Validation Inspection Report

PCB EQUIPMENT INFO

Type of Equipment (Serial #) / Equipment Code	Actions
Transformer - Oil-based (18010768) / CCO-PCB-R8-NPC-72-187647	
Transformer - Oil-based (51001212) / CCO-PCB-R8-NPC-72-187649	
Transformer - Oil-based (0508A0915) / CCO-PCB-R8-NPC-72-187648	
Transformer - Oil-based (0510C1221) / CCO-PCB-R8-NPC-72-187650	
Transformer - Oil-based () / CCO-PCB-R8-NPC-72-187652	
Transformer - Oil-based (0510C1219) / CCO-PCB-R8-NPC-72-187651	

NPC – ILIJAN DPP TRANSFORMER INVENTORY ONLINE

 <p>DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES IMPLEMENTING RULES AND REGULATIONS DENR Circular No. 2, Volume 2 CMM Circular, Annex 2, Table 2 D-407</p>	 <p>PCB REGISTRATION CERTIFICATE</p> <p>Registration Certificate Number CDO/PCB/ADM/PCB-72</p> <p>CCO (PCB) REGISTRATION CERTIFICATE</p> <p>Pursuant to Republic Act 9696 (Toxic Chemical and Hazardous and Nuclear Waste Control Act) and implemented by DENR Administrative Order 1999-02 (Implementing Rules and Regulation of RA 9696) and DENR Circular Letter Circular 2004-01 (PCB As Permitted Substances), this CCO Registration Certificate is issued to:</p> <p>NPC - SPUG Visayas - Bijan Diesel Power Plant Brgy. Iligan, Sto. Niño, Samar</p> <p>For having complied with the Chemical Control Officer requirements as Owner/User of PCB Containing Equipment</p> <p>Subject to the following:</p> <p>TERMS AND CONDITIONS</p> <ol style="list-style-type: none"> The company must submit Polychlorinated Biphenyls (PCBs) inventory and PCB Management Plan as prescribed by Memorandum Circular 2015-004 (Clarification to the CDO Circular 2004-01). Must comply with the proper storage, handling, labeling, and disposal requirements in accordance with the DAO 2004-01, DAO 2015-77 (Revised Procedures and Guidelines for the Management of PCBs and Other Hazardous Waste (Reviewing DAO 2014-03), MC 2015-004 and other provisions of RA 9696. Must submit Self Monitoring Report (SMR) on the status of use and disposal inventories of PCBs and other hazardous wastes. Shall be held liable in cases of injury or damage to public health and the environment and shall properly compensate the affected parties after restore damaged areas resulting from misuse, mishandling, transport accident and improper disposal of PCBs. Any violation of the Terms and Conditions stipulated shall be subjected to the penalty provision of RA 9696. <p>Issued on May 12, 2020.</p> <p style="text-align: right;"> LETICIA R. MACEDA Regional Director</p> <p>Printed for PCB REGISTRATION CERTIFICATE, Project No. _____ CE 86-4737322, Amount Pba 2,000.00 Date May 7, 2020 Pba 20.00 Date May 7, 2020</p> <p>Printed for PCB REGISTRATION CERTIFICATE, Project No. _____ CE 86-4738300, Amount Pba 2,000.00 Date May 7, 2020 Pba 20.00 Date May 7, 2020</p>												
 <p>Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU DENR-CARAGA Davao City Telephone Nos. (02) 532-10-43 Email: emba@ema.gov.ph Web Site at http://www.emba.gov.ph</p> <p>HW GENERATOR REGISTRATION CERTIFICATE</p> <p>Pursuant to Chapter 3 of DENR Administrative Order (DAO) No. 2013-22, the Implementing Rules Act (RA) 9696, this Certificate is issued to:</p> <p>NAME OF HW Generator : PCO-ILIJAN DIESEL POWER PLANT Facility Address : Brgy. Iligan, Sto. Niño, Samar</p> <p>You are hereby assigned with the new on-line reporting no:</p> <p style="text-align: right;">GR-RR-60-99062</p> <p>This certifies that the above-named Hazardous Wastes Generator generates the following types of wastes:</p> <table border="1"> <thead> <tr> <th style="text-align: center;">Waste Class</th> <th style="text-align: center;">Waste Number</th> </tr> </thead> <tbody> <tr> <td>Lead compounds</td> <td>D406</td> </tr> <tr> <td>Mercury and mercury compounds</td> <td>D407</td> </tr> <tr> <td>Used industrial oil including sludge</td> <td>I101</td> </tr> <tr> <td>Oil-contaminated Materials</td> <td>I104</td> </tr> <tr> <td>Polychlorinated Biphenyl (PCB) Wastes</td> <td>L404</td> </tr> </tbody> </table> <p>1. The above-named HW Generator shall comply with all the requirements of R.A.9696, its implementing Rules and Regulation and the Procedural Manual for Hazardous Wastes Management.</p> <p>2. Submission of the duly narrated self monitoring report shall be made within fifteen (15) days after the end of every reporting period using prescribed format.</p> <p>3. Please refer to this number whenever you make transactions with EMB on matters pertaining to RA 9696.</p> <p style="text-align: right;"> LETICIA R. MACEDA DESIGNATION : REGIONAL DIRECTOR DATE : August 12, 2018</p>		Waste Class	Waste Number	Lead compounds	D406	Mercury and mercury compounds	D407	Used industrial oil including sludge	I101	Oil-contaminated Materials	I104	Polychlorinated Biphenyl (PCB) Wastes	L404
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Permit No.	Permit Date	Expiry Date	Issuing Authority
PCO-OL-0508-2021-02542	27 April 2021	27 April 2026	Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU Region VIII DPSI Company, Inc., 10th Floor, Tektite City Tel. No. (051) 830-10-68

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PERMIT TO OPERATE
Air Pollution Sources and Control Installations

Pursuant to Part IV, Rule XXII of the Rules and Regulations of R.A. 9245, authority is hereby granted to:

National Power Corporation (Bataan Diesel Power Plant), Willyo, Santo Niño, Samar, Philippines 5900

subject to the following terms and conditions:

TERMS AND CONDITIONS

- This Permit is issued to the permittee to operate one (1) unit Oil Storage Tank with a capacity of 90 KL, one (1) unit Day Tank with a capacity of 100 KL for the purpose of storing Oil Storage Tanks, respectively at the permittee's designated location in the City of Tekte (refer to Site Plan Annex A page 2).
- All applications for renewal of this Permit shall be filed not less than thirty (30) days before the expiry date indicated on this Permit.
- This Permit shall not be transferred to a consequence location of the premises, and shall be adequately maintained or stored.
- Without limiting the generality of the previous condition, the permittee shall ensure that the emissions from the permitted activities do not exceed the applicable limits set forth in the following:

 - The National Emissions Standards for Source Specific Air Pollutants as specified in Rule XIX of the RRs of RA 9245;
 - The National Ambient Air Quality Standards for Source Specific Air Pollutants from Industrial Sources/Operations as specified in Rule XIX of the RRs of RA 9245;
 - The permittee shall submit Self-Monitoring Reports to the Bureau in accordance with DAO Administrative Order No. 2014-02, dated January 15, 2014, and shall submit the first report within 30 days from the date of issuance of this submittal of the first Report or on before July 15, 2021, (Online Submission of Self Monitoring Reports via https://pmis.dae.gov.ph).
 - The permittee shall at all times have an approved or designated Pollution Control Officer (PCO) pursuant to DAO 2014-02.
 - The permittee shall at all times make available to the enforcement to conduct inspections, gather information, test emissions or take samples for analysis.
 - The permittee shall not make or allow any alterations or modifications to operations, activities, installations, processes, plant or equipment at the establishment that might significantly change the nature of the activity of plant or equipment without obtaining the approval of the Bureau, including the submission of any necessary application to the Bureau.

Recommended by:

R.D. Tolosa and Peñafiel Inc.

Approved by:

Rommel B. Gumalo
Manager, Operations

STO.NINO DIESEL POWER PLANT & STO.NINO MINI GRID (CABUNGAAN DPP,ILIJAN DPP,TAKUT DPP,LIBUCAN DACC DPP,CAMANDAG DPP)
(Power Generation / Category B)

located at Brgy. Basud, Cabuncagan, Samar, 5900 Samar, Philippines, the permittee shall be responsible to the Bureau 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 required for cause. The accreditation shall be renewed not later than one (1) month prior to its expiration.

ENGR. RENALDO B. BARRA
ONC, Accredited Director

PCO CERTIFICATE OF ACCREDITATION

CERTIFICATE OF ACCREDITATION

COA No. 2021-RVIII-0161

Pursuant to Section 03 of Administrative Order No. 02 dated February 3, 2014 of the Department of Environment and Natural Resources and having substantially met all the requirements prescribed thereon,

Rommel B. Gumalo
is hereby duly accredited as

POLLUTION CONTROL OFFICER

STO.NINO DIESEL POWER PLANT & STO.NINO MINI GRID (CABUNGAAN DPP,ILIJAN DPP,TAKUT DPP,LIBUCAN DACC DPP,CAMANDAG DPP)
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EMB ISSUED PERMITS TO NPC - ILIJAN DPP