



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
REGION VIII
DENR Compound, Brgy. 02, Jones St, Tacloban City, Leyte
Telefax: (053) 832-1088

PCBMV-06: PCB MANAGEMENT MONITORING AND VALIDATION INSPECTION REPORT

GENERAL INFORMATION

CCO Registration Number:	CCO-PCB-R8-NPC-63	
Name of Establishment:	NATIONAL POWER CORPORATION- CAPUL DIESEL POWER PLANT (NPC-CAPUL DPP)	
Location of Establishment:	Brgy. 3, Capul, Northern Samar 12.4815131,124.1390502	
Name of PCO:	GLENFEL C. CACHERO	
PCO Accreditation No.:	DESIGNATED PCO	
Phone/Fax: 09983766597	Email: capuldpp@napocor.gov.ph	
Date Monitored & Validated: January 26, 2022	Monitored & Validated by: (DESK MONITORING) LIZA A. TAN	

SUMMARY OF COMPLIANCE

The table below summarizes the compliance of **NPC CAPUL, DPP** to the contents of the PCB Management Plan submitted on December 20, 2017.

Component of the PCB Management Plan	Details	Complied?	Remarks
Updated Inventory	PCB Equipment	Yes	NPC- Capul DPP has a total inventory of three (3) units 225KV operational transformer and one (1) unit 700KVA non-operational transformer. Transformer Equipment is properly labeled as required by EMB MC 2015-007.
	PCB Waste	Yes	NPC- Capul DPP has no transformer waste in the facility.
Storage, Treatment/Decontamination, and Disposal Plan		Yes	No disposal plan is included in the submitted PCB Management Plan of NPC- Capul DPP since Transformers in the facility are PCB Free.
Sampling and Analysis Plan (SAP)		Yes	NPC-Capul DPP is not required since Transformers in the facility are PCB Free
Health and Safety Plan		Yes	The Health and Safety Plan contains the necessary components which are appropriately implemented, including Personnel Training Requirements for Health and Safety Committee: Orientation for health and safety measures for PCB.
Emergency Preparedness and Response Plan		Yes	The Emergency Preparedness and Response Plan contains the necessary components which are not appropriately implemented, as evidenced by the following observations: <ul style="list-style-type: none"> • Names of the Emergency Response and Preparedness Team was not identified, its chart posted onsite, and responsibilities • Protocols in case of possible emergencies are implemented and posted • Personnel training schedule conducted as per schedule.
Storage Facility Closure Plan (for Storage Facilities)			Utilizes a hazardous waste storage area for its PCB wastes, but will continue using it for other hazardous wastes after disposal.

SUMMARY OF FINDINGS AND OBSERVATIONS

1. The three (3) units 225 KVA Transformers are operational with an appropriate label as required in EMB MC 2015-007.
2. One (1) unit 700 KVA Transformer is for decommissioning.
3. The PCB Management Plan was submitted on December 28, 2017, with the attachment of SAP, HASP & EPRP.
4. All Permits/Clearances are valid.
5. The classified PCB-Free transformers are included in the 2022 annual report to EMB CO for the PCB Equipment Phase-out.
6. Submitted the 1st, 2nd 3rd & 4th quarter SMRs for the year 2021.
7. Annual Physical Exam for regular & contractual employees conducted from January to August 2021.

RECOMMENDATION

1. To update the PCB Management Plan and submit it for validation.
2. For continuous and strict compliance to RA 6969 and other environmental laws.

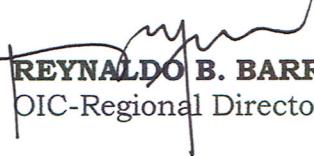
Prepared by:


LIZA A. TAN
EIII/OIC-CHWMS

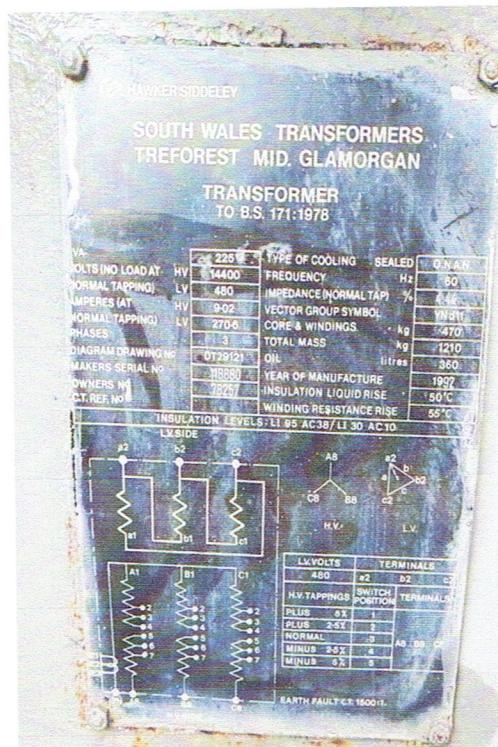
Approved by:


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

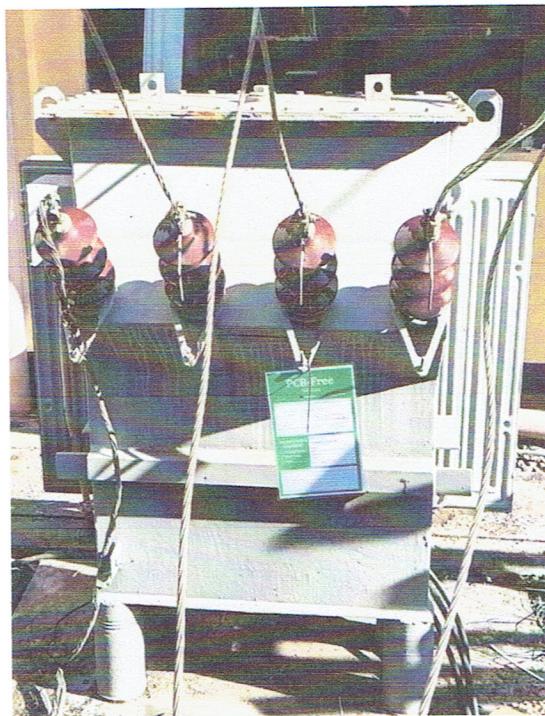
Noted by:


REYNALDO B. BARRA, PME
OIC-Regional Director

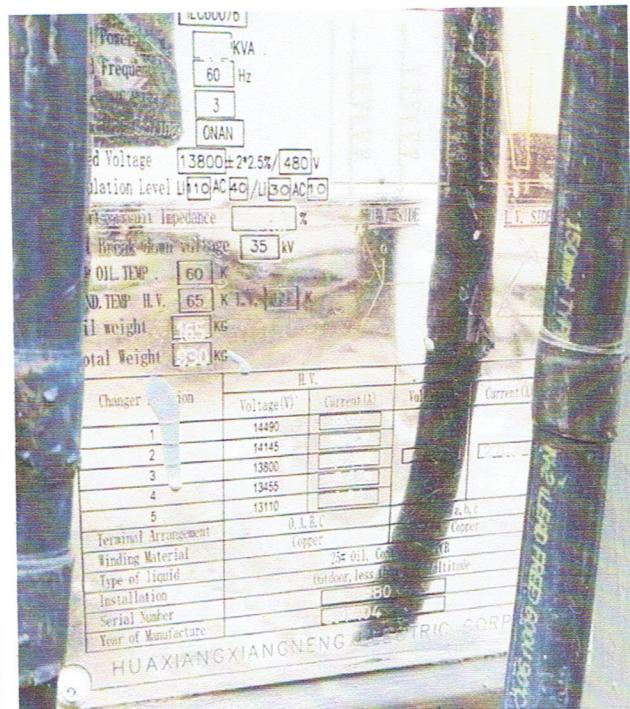
**PHOTOLOG
DOCUMENTATION of
M&V INSPECTION
CONDUCTED**



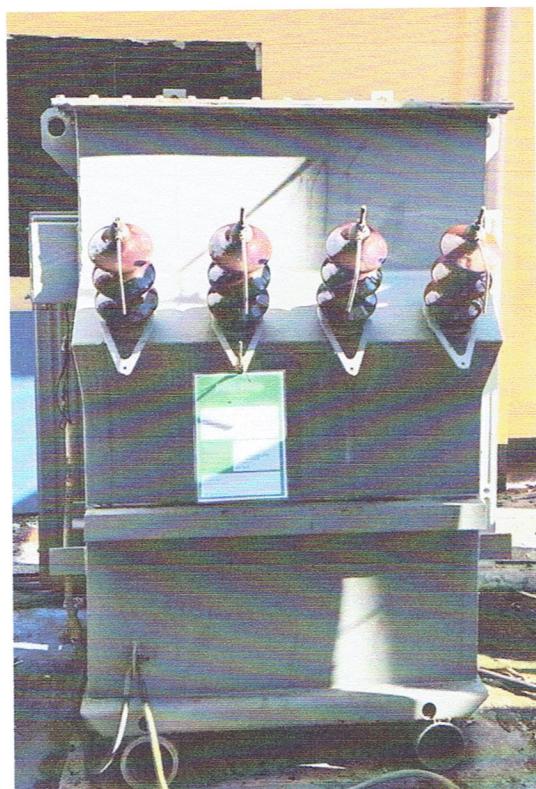
225 KVA - OPERATIONAL



225 KVA -OPERATIONAL



225 KVA- OPERATIONAL



700 KVA - NOT OPERATIONAL (FOR DECOMMISSIONING)

NATIONAL POWER CORPORATION-CAPUL DIESEL POWER PLANT

PCB Management Monitoring and Validation Inspection Report

PCB EQUIPMENT INFO

Capul Diesel Power Plant

[ATTACH A SITE MAP](#)

Show 10 entries

Search:

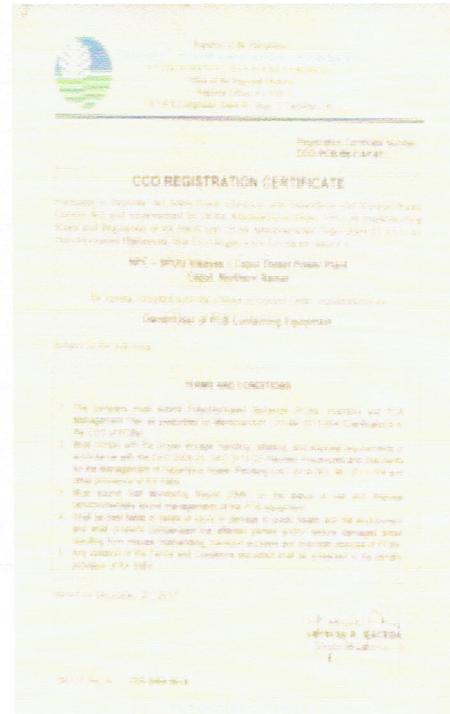
Type of Equipment (Serial #) / Equipment Code

Actions

- Transformer - Oil-based (110880) / CCO-PCB-R8-CAP-61-177960
- Transformer - Oil-based (118953) / CCO-PCB-R8-CAP-61-177971
- Transformer - Oil-based (118916) / CCO-PCB-R8-CAP-61-177970
- Transformer - Oil-based (118946) / CCO-PCB-R8-CAP-61-177969

Showing 1 to 4 of 4 entries

Previous 1 Next



Date: Jun 11, 2021
Permit No.: DP-R08-21-03445
Renewal

WASTEWATER DISCHARGE PERMIT

Pursuant to Section 14, Article 2, of the RA 9275 otherwise known as the "Philippine Clean Water Act of 2004", this permit is hereby granted to National Power Corporation with office address at Npc no. Br Road, Corner Quezon Avenue, Holy Spirit, Quezon City, Ncr, Second District for its establishment:

Npc - Capul Diesel Power Plant	Blumentritt St., Poblacion Barangay 3 CAPUL																		
TIN No. 000-316-279-020																			
To discharge Domestic Sewage subject to the following conditions:																			
1. The discharge rate of the effluent shall not exceed Zero m3/day 2. Institute measures on the operation of your Wastewater Treatment Facility (WTF) - Septic Tank so as to have Zero Discharge . 3. The maximum wastewater generation of 0.0000 m3/day shall be from the domestic wastes. 4. Submit Self-Monitoring Report (SMR) based on the following schedule: (Online submission at https://oemr.dnr.gov.ph/) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Quarter</th> <th>Coverage</th> <th>Submission</th> <th>Quarter</th> <th>Coverage</th> <th>Submission</th> </tr> </thead> <tbody> <tr> <td>First</td> <td>Jan-Mar</td> <td>1-15 Apr.</td> <td>Third</td> <td>Jul-Sep</td> <td>1-15 Oct.</td> </tr> <tr> <td>Second</td> <td>Apr-Jun</td> <td>1-15 Jul.</td> <td>Fourth</td> <td>Oct-Dec</td> <td>1-15 Jan.</td> </tr> </tbody> </table> 5. Channel your domestic wastewater generation into your WTF - Septic Tank . 6. Submit Certificate of desludging/siphoning of the Septic Tank and treatment of the same by an accredited service provider. 7. Submit Certificate of PCO Accreditation within six(6) months from the date of issuance of this permit. Make sure that the managing head had already attended the required eight (8) hours training on environmental management covering the basic environmental laws, rules and regulations and the duties and responsibilities of the PCO. 8. Allow the entry of our duly authorized representative(s) to conduct inspection within your premises. 9. This permit, together with the corresponding Official Receipts of Payment, shall be adequately framed and posted in a conspicuous place at the plant/establishment. 10. This permit shall be renewed not less than thirty (30) days prior to its expiration.		Quarter	Coverage	Submission	Quarter	Coverage	Submission	First	Jan-Mar	1-15 Apr.	Third	Jul-Sep	1-15 Oct.	Second	Apr-Jun	1-15 Jul.	Fourth	Oct-Dec	1-15 Jan.
Quarter	Coverage	Submission	Quarter	Coverage	Submission														
First	Jan-Mar	1-15 Apr.	Third	Jul-Sep	1-15 Oct.														
Second	Apr-Jun	1-15 Jul.	Fourth	Oct-Dec	1-15 Jan.														
This permit is valid up to Jun 11, 2022, unless revoked or suspended by this Office in writing.																			

Non-compliance with the above conditions and/or any pertinent provisions of RA 9275 otherwise known as "Philippine Clean Water Act of 2004", a corresponding penalty in the amount of ₱10,000/P200,000 per violation shall be imposed.

Recommended by:

Approved by:



HAZARDOUS WASTE GENERATOR REGISTRATION CERTIFICATE

Pursuant to Chapter 3 of DENR Administrative Order (DAO) No. 2013-22, the Implementing Rules and Regulations of Republic Act (RA) 6969, this Certificate is issued to:

Name of Establishment: **NPC-CAPUL DIESEL POWER PLANT**

Facility Address: **POBLACION BARANGAY 3, POBLACION BARANGAY 3, CAPUL, NORTHERN SAMAR**

You are hereby assigned with the new on-line registration no.

OL-GR-88-48-019542

This certifies that the above-named Hazardous Waste Generator generates the following types of wastes:

Waste Class	Waste Number
Used industrial oil including sludge	I201
Oil-contaminated Materials	I204
Lead compounds	D406
Mercury and mercury compounds	D407

1. The above-named HW Generator shall comply with all the requirements of RA 6969 and its Implementing Rules and Regulations particularly DAO 2013-22, Revised Procedures and Standards for the Management of Hazardous Wastes (Revising DAO 2004-01).

2. Submission of the online self-monitoring report shall be made within fifteen (15) days after the end of every reporting period.

3. Please refer to this assigned registration number for every transaction related to the online Hazardous Waste Management System.

4. Non-compliance to the above stipulations shall be subjected to the penalty provisions as provided under Section 41 of DAO 1992-29 and Chapter 11 of DAO 2013-22.

Encarnacion B. Barria
Administrator, EMB

This is a computer generated certificate. For the authenticity of this document, kindly scan the generated QR Code located on the right side of this certificate.

DP- June 11, 2022

NATIONAL POWER CORPORATION-CAPUL DIESEL POWER PLANT
PCB Management Monitoring and Validation Inspection Report

Republic of the Philippines
DEPARTMENT OF NATURAL RESOURCES - ENVIRONMENTAL MANAGEMENT BUREAU
ENVIRONMENTAL MANAGEMENT BUREAU
Office of the Regional Director - ENVIRONMENTAL MANAGEMENT BUREAU
 Regional Office No. VIII RELEASED BY
 DNR Correspondent
 Telephone No. (053) 832-1988 (M&P)
 Date: 20/01/2016

ECQ Ref. Code: ECO-R08-1610-0042

NATIONAL POWER CORPORATION
TIN: Mr. Bautista G. Malabac
Address: 10th Floor, Ayala Center, Makati Avenue corner 30th Street, Makati City
 Quiapo Avenue corner 30th Street, Quiapo, Manila
 Quiapo, Manila

Dear Mr. Manager,

This letter is to advise you that implementation of the Environmental Compliance Certificate (ECC) issued to National Power Corporation on March 1, 1994, May 6, 2016 & September 4, 2017, respectively for the Capul Diesel Power Plant Project with a total power capacity of 1,776 MW and fuel storage capacity of 69 KL (located in Barangay 2, Capul, Nueva Ecija).

Upon review of your documents submission, this Office has decided to grant you required time extension for the issuance of ECC 2015-30 over 30 days. Thus, the ECC will now increase its power capacity from 1,776 MW to 1,941 MW and include the regulation of Barbers, to all.

Component	Existing Facilities	Additional Proposed Facilities
Power Generating Units	1 x 225 MW	1 x 300 MW
Turbine Capacity	1 x 225 MW	1 x 300 MW
Fuel Storage Capacity	69 KL	544 KL
Total Capacity	59 MW	59 MW

You may proceed with the project subject to further issuing of the necessary environmental permits by the concerned DA and DOB bureaus. Further, you are advised to keep this document with all the pertinent documents of the project and to submit a copy of this Memorandum Circular (MC) to the concerned DA and DOB bureaus as soon as possible so that we can be consulted regularly to ensure your compliance with the same. Furthermore, any change in the approved project operation shall be submitted to the DA/DOB bureaus.

The other letter forms an integral part of this subject ECC. The primary purpose of which is to advise you about our requirements and to facilitate the issuance of the ECC.

Please be guided accordingly.

For your kind attention

REYESPOL B. BARPA
 Director, Office of the Regional Director

Approved:

 REYESPOL B. BARPA
 Director, Office of the Regional Director

Copy to the:

BRIENVENDICO G. MANALAC
 DCO, Office of the Vice Mayor
 City of Capul, Nueva Ecija
 TIN: 101-000-71252-0
 Tel. No.: (053) 832-1988 (M&P)
 City Address: P. 101-000-71252-0

Date of issue: 20/01/2016

ECC 2019

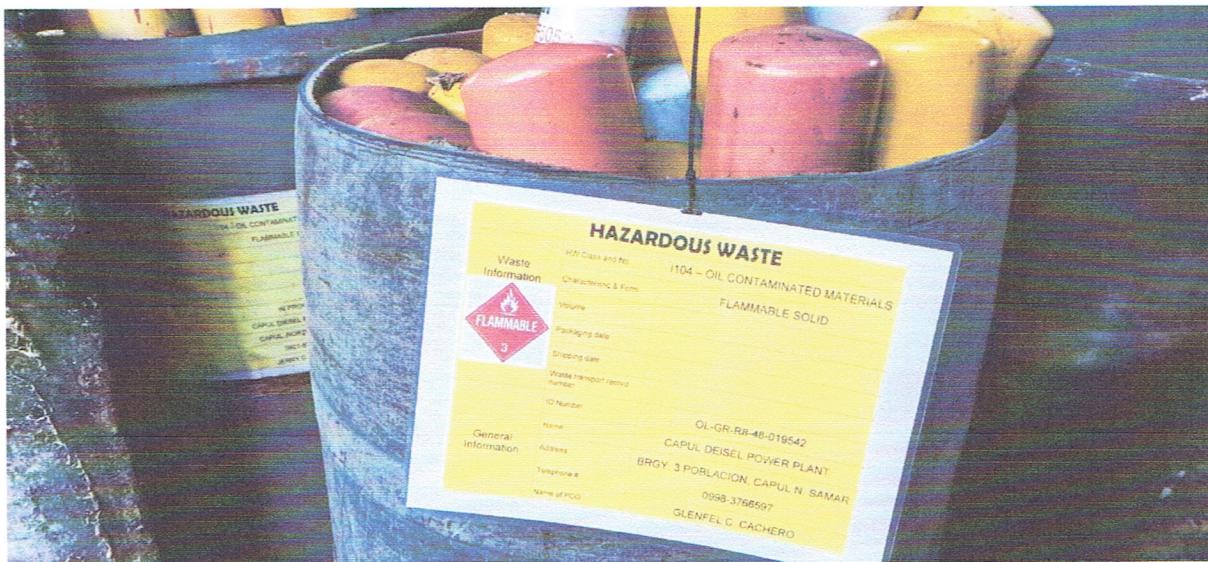
PTO-Nov. 11, 2022

HAZARDOUS WASTES

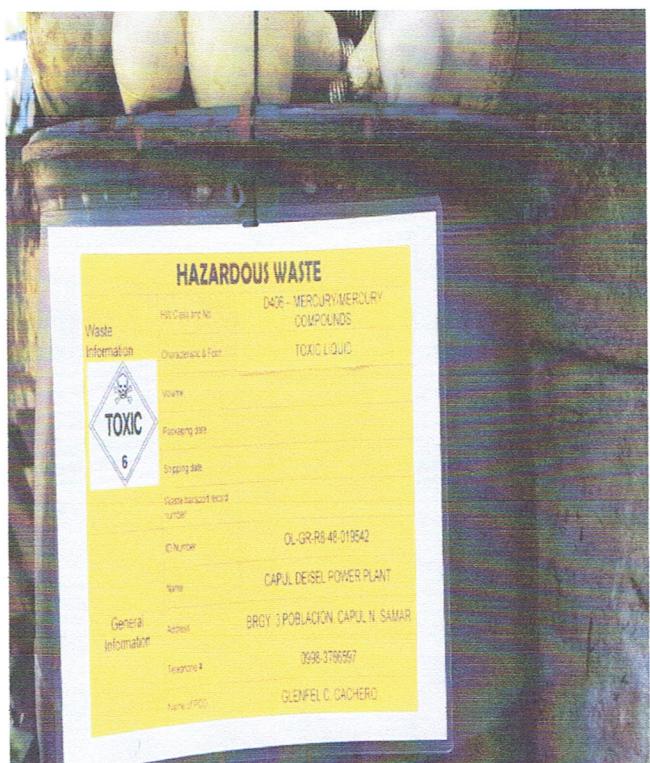


1101

I104



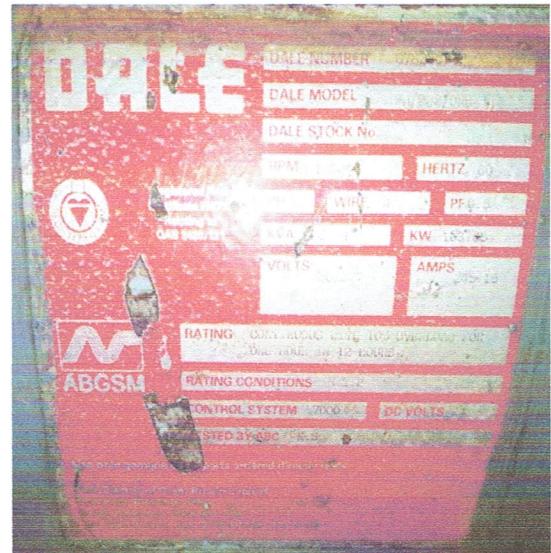
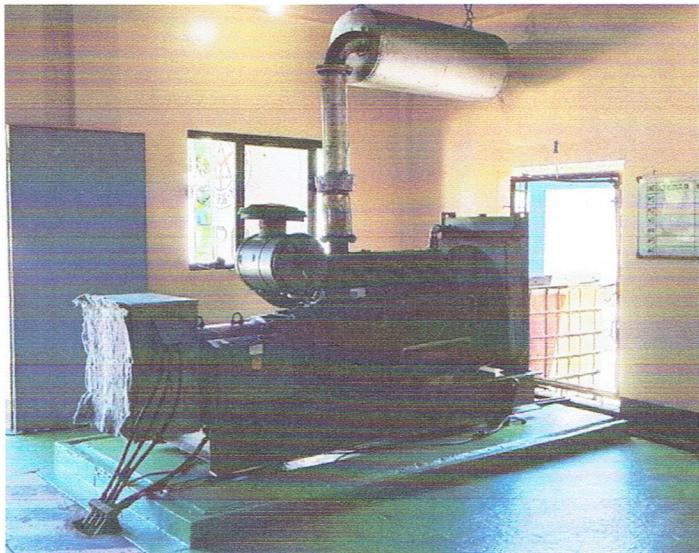
D406



D407

GENSETS AND NAMEPLATES

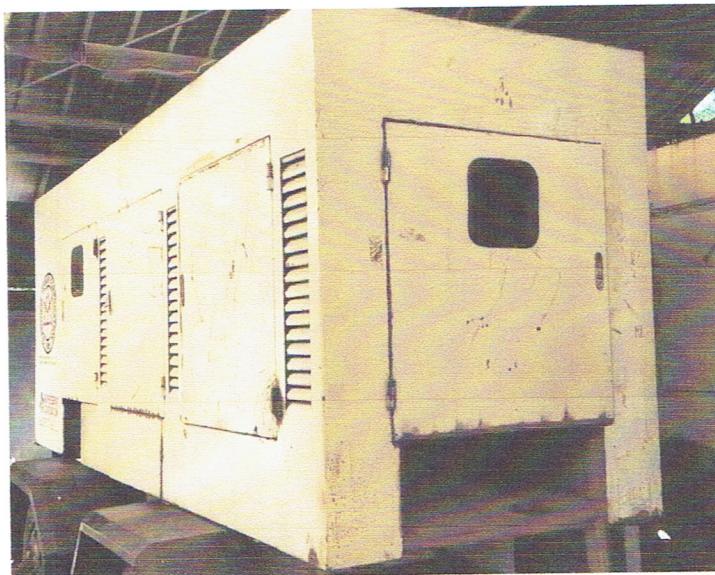
Unit 1 – 163kW Dale Perkins (OPERATIONAL)



Unit 2 – 163kW Dale Perkins (OPERATIONAL)



Unit 3 – 275kW FG WILSON (OPERATIONAL)



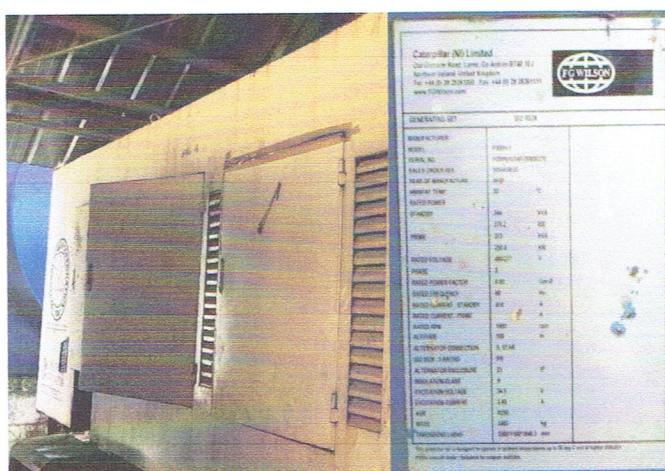
GENERATING SET ISO 8528	
MANUFACTURER	Caterpillar (NI) Limited
MODEL	P300H-1
SERIAL NO.	F0WNAV04HJSW00277
SALES ORDER REF	5004754/20
MONTH/YEAR OF MANUFACTURE	08/2015
AMBIENT TEMP	30 °C
RATED POWER	
STANDBY	344 kVA
275 2 kW	
PRIME	313 kVA
260 6 kW	
RATED VOLTAGE	480/277 V
PHASE	3
RATED POWER FACTOR	0.85 Cap. D.
RATED FREQUENCY	60 Hz
RATED CURRENT - STANDBY	314 A
RATED CURRENT - PRIME	314 A
RATED RPM	1800 rpm
ALTITUDE	2500 m
ALTERNATOR CONNECTION	9, STAR
ISO 8528-3 RATING	275
ALTERNATOR ENCLOSURE	25
INSULATION CLASS	H
EXCITATION VOLTAGE	28.5 V
EXCITATION CURRENT	3.0 A
MASS	3000 kg
UNPACKED LENGTH	2000 mm
THIS GENERATOR SET IS DESIGNED TO OPERATE IN ACCORDANCE WITH ISO 8528-3 AND IS NOT APPROVED FOR USE IN ACCORDANCE WITH ISO 8528-1.	

Unit 4 – 220kW Cummins (OPERATIONAL)



MINGPOWERS ISO 8528	
FUJIAN MINGPOWERS SYSTEM CO.,LTD. Add: HONG KUAN INDUSTRIAL ZONE, YANGXIAO TOWN, FUQING CITY, FUJIAN, CHINA Post Code: 362312 Tel: +(86)591-86079888 Fax: +(86)591-86079189 http://www.mingpowers.com Production Plant: Hongkuan Industrial Zone, Fuqing	
GENERATING SET	
MODEL	M4-275
SERIAL NUMBER	201701048
STANDBY POWER	275/220 kVA/kW
CONTINUOUS POWER	250/200 kVA/kW
RATED POWER FACTOR	0.8
RATED VOLTAGE	480/277 V
PHASE	3
RATED FREQUENCY	60 Hz
CONTINUOUS CURRENT	361 A
RATED RPM	1800 r.p.m
SIZE	3560*1200*1000 mm
NET WEIGHT	2800 kg
DATE OF MANUFACTURE	07-04-2017
SPIN	1.4 MPa/20465 rpm
COUNTRY OF ORIGIN	MADE IN CHINA

UNIT 5 -275KW GF WILSON (UNDER MAINTENANCE) UNIT 6 -165 KW CUMMINS



GENERATING SET ISO 8528	
MANUFACTURER	Caterpillar (NI) Limited
MODEL	P300H-1
SERIAL NO.	F0WNAV04HJSW00277
DATE OF MANUFACTURE	08/2015
AMBIENT TEMP	30 °C
RATED POWER	
STANDBY	344 kVA
275 2 kW	
PRIME	313 kVA
260 6 kW	
RATED VOLTAGE	480/277 V
PHASE	3
RATED POWER FACTOR	0.85 Cap. D.
RATED FREQUENCY	60 Hz
RATED CURRENT - STANDBY	314 A
RATED CURRENT - PRIME	314 A
RATED RPM	1800 rpm
ALTITUDE	1000 m
ALTERNATOR CONNECTION	9, STAR
ISO 8528-3 RATING	275
ALTERNATOR ENCLOSURE	25
INSULATION CLASS	H
EXCITATION VOLTAGE	28.5 V
EXCITATION CURRENT	3.0 A
AIR	2000 m³/h
COOLING WATER	2000 l/min
THIS GENERATOR SET IS DESIGNED TO OPERATE IN ACCORDANCE WITH ISO 8528-3 AND IS NOT APPROVED FOR USE IN ACCORDANCE WITH ISO 8528-1.	