Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2026

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000094914	23-07-2026

PART A

Company Information

Company Name	***Application UAN number***
RATTANINIDA POWER LTD	MPCB CONSENT -0000174987

Address

PLOT NO D2 AND D2(PART) ADDITIONAL INDUSTRIAL AREA MIDC NANDGAONPETH AMRAVATI

Plot no	***Taluka***	***Village***
D2 AND D2(PART)	AMRAVATI	WAGHOLI
Capital Investment (In lakhs)	***Scale***	***City***
82450236	LARGE	AMRAVATI
Pincode	***Person Name***	***Designation***
444901	MR.MOHAMAD NISAR	GENERAL MANAGER
Telephone Number	***Fax Number***	***Email***
9766699050		mohammad.nisar@rattanindia.com
Region	***Industry Category***	***Industry Type***
SRO-Amravati I	Red	R48 Thermal Power Plants
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CAC/UAN No.MPCBCONSENT-0000174987/CR/2310002155	2023-10-28
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2026-12-31	2015	Jul 27 2025 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Electricity Generation	11826000	9708848	Mwh

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	111292.00	66661.00
Cooling	0.00	0.00
Domestic	623.00	636.00
All others	1218.00	0.00
Total	113133.00	67297.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	24020	9230	CMD
Domestic Effluent	380	35	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
ELECTRICITY GENERATION	2.501	2.474	Mwh

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
COAL	0.66	0.63	Mwh
LDO	0.122	0.069	Mwh

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COAL	6458641	6117397	MT/A
LDO	745.919	679.356	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
TSS-STP TREATED WATER	1.6	19.8	0	50	No Deviation
BOD 3 DAY -STP TREATED WATER	0.2	8.9	0	30	No Deviation
COD -STP TREATED WATER	0.8	30.8	0	250	No Deviation
TDS-ETP TREATED WATER	44.2	646.2	0	2100	No Deviation
PH-ETP TREATED WATER	0.7	8.4	0	6.5-9.0	No Deviation
COD-ETP TREATED WATER	3.4	34.5	0	250	No Deviation
BOD-ETP TREATED WATER	1.6	16.2	0	30	No Deviation
TSS -ETP TREATED WATER	4.8	47.2	0	100	No Deviation

pH-CONDENSAR COOLING TOWER WATER	0	7.76	0	6.5-8.5	No Deviation
TEMP-CONDENSAR COOLING TOWER	0	29.71	0	Not More Than 5 Deg.Cel.	No Deviation
FREE AVAILABLE CHLORINE-CONDENSAR COOLING TOWER	0	0.050	0	0.5	No Deviation
TSS-BOILER BLOWDOWN	0.6	5.4	0	100	No Deviation
O&G-BOILER BLOWDOWN	0.2180	2.0	0	10	No Deviation
COPPER (TOTAL)-BOILER BLOWDOWN	0.0013	0.012	0	1	No Deviation
IRON(TOTAL)-BOILER BLOWDOWN	0.0200	0.020	0	1	No Deviation
FREE AVAILABLE CHLORINE -COOLING TOWER BLOW DOWN	0.425	0.05	0	0.5	No Deviation
CHROMIUM (TOTAL) -COOLING TOWER BLOWDOWN	0.092	0.011	0	0.2	No Deviation
PHOSPHATE-COOLING TOWER BLOW DOWN	5.74	0.68	0	5	No Deviation
pH-DM PLANT EFFLUENT	4.1	7.9	0	5.5-9.0	No Deviation
SUSPENDED SOLID-DM PLANT EFFLUENT	2.7	5.5	0	100	No Deviation
O&G-DM PLANT EFFLUENT	1.02	2	0	10	No Deviation
BOD 3DAY-DM PLANT EFFLUENT	4.3	8.3	0	30	No Deviation
COD -DM PLANT EFFLUENT	15.1	29.5	0	250	No Deviation
TDS-DM PLANT EFFLUENT	274.5	536.2	0	2100	No Deviation

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
UNIT#1PM	1037	36	0	50	No Deviation
UNIT#1 SO2	15536	534	0	600	No Deviation
UNIT#1 NOX	8119	279	0	450	No Deviation
UNIT#2PM	1040	36	0	50	No Deviation
UNIT#2 SO2	15936	555	0	600	No Deviation
UNIT#2 NOX	7891	275	0	450	No Deviation
UNIT#3 PM	1024	35	0	50	No Deviation
UNIT#3 SO2	15870	547	0	600	No Deviation
UNIT#3 NOX	8189	282	0	450	No Deviation
UNIT#4 PM	1005	35	0	50	No Deviation
UNIT#4 SO2	15700	541	0	600	No Deviation
UNIT#4 NOX	8173	281	0	450	No Deviation
UNIT#5 PM	1076	37	0	50	No Deviation
UNIT#5 SO2	15815	548	0	600	No Deviation
UNIT#5 NOX	8264	286	0	450	No Deviation

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	MT/A
5.2 Wastes or residues containing oil	0.00	0.00	MT/A
35.3 Chemical sludge from waste water treatment	0.070	0.00	MT/A
Other Hazardous Waste	0.560	0.00	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Other Hazardous Waste	0	0	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BOTTAM ASH	495745	172056	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	1982981	2102495	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.00	MT/A	Solid , Low Concentration of Water
5.2 Wastes or residues containing oil	0.00	MT/A	waste/residue contaning oil
35.3 Chemical sludge from waste water treatment	0.000	MT/A	ETP Sludge
Other Hazardous Waste	0.00	MT/A	Glass Wool

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	2102495	MT/A	Dry Micro Partical Size
BOTTOM ASH	172056	MT/A	Wet and Granual Mode

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
0	0	0	0	21647376	702.13	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
3000 Sapling Done in side the Plant Primises	To Control CO2 and SPM/TPM	3
Installation and commisioning of fly ash silo 02 nos for storage & loading of fly ash in railway rake	For effective ash utilization	2500
Installation and commisioning of Rain gun Sprinkler System at Ash dyke area	to control Dust Suppression	16

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
10000 Sapling to be Done in side the Plant Primises	To Control CO2 and SPM/TPM	5
Concerte pavement around Bottam ash silo and Ash handling plant area	To Control dust pollution in air during transportation	215

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Committed for Green Energy and Clean Energy

Name & Designation

Mohammad Nisar & GM (Environment)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000094914

Submitted On:

23-07-2026