



FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Part A

Company Information

* Company Name	* Application UAN number	* Financial Year
RATTANINIDA POWER LTD	000	2021
* Address		
PLOT NO D2 AND D2(PART) ADDITIONAL INDUSTRIAL AREA MIDC NANDGAONPETH AMRAVATI		
* Plot Number	* Taluka	* Village
D2 AND D2(PART)	AMRAVATI	WAGHOLI
* Capital Investment (In lakhs)	* Scale	
688228.00	LARGE	
* City	* Pincode	
AMRAVATI	444901	
* Person Name	* Designation	Industry Category Primary (STC Code) & Secondary (STC Code)
MR.MOHAMAD NISAR	GM	RED
* Telephone Number	* Fax Number	* Email
9766699050	NA	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
<input type="radio"/> No <input checked="" type="radio"/> Yes	Format 1.0/CAC/UAN NO.0000093173/CR-20090C	09/09/2020
* Consent Valid Upto	* Establishment Year	* Date of last environment statement submitted
31/08/2021	2015	

Product Information

* Product Name	* Consent Quantity	* Actual Quantity	* UOM
Electricity Generation	11826000	2835882	Mwh

Add More

By-product Information

* By Product Name	* Consent Quantity	* Actual Quantity	* UOM
NA	NA	NA	set/month

Add More

Part B

1) Water Consumption in m3/day

Sr. no	Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
1	Process	111292	19347
2	Cooling	NA	NA
3	Domestic	470	229
4	All others	1218	189
	Total	112980	19765

1) Effluent Generation in CMD / MLD

* Particulars	* Consent Quantity	* Actual Quantity	* UOM
Trade Effluent	24019	2279	CMD
Domestic Effluent	470	229	CMD

Add More

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	2.47 M3/MWh	2.49 M3/MWh	Mwh

Add More

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	0.611 MT/MWh	0.577 MT/MWh	Mwh
LDO	0.763 ML/KWh	0.144 ML/KWh	Mwh

Add More

4) Fuel Consumption

* Fuel Name	* Consent quantity	* Actual Quantity	* UOM
COAL	6699996	1637690	MT/A
LDO	27700	409.13	KL/A

Add More

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 or Kg/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	4.6	20.0	0	50	No Deviat
BOD 3 DAY -STP TREATED WATER	2.2	9.8	0	30	No Devia
COD -STP TREATED WATER	8.1	35.3	0	250	No Devia
TDS-ETP TREATED WATER	8.58	660	0	2100	No Devia
PH-ETP TREATED WATER	0	8.1	0	6.5-9.0	No Devia
COD-ETP TREATED WATER	0.5	36.7	0	250	No Devia
BOD-ETP TREATED WATER	0.1	9.3	0	30	No Devia
CHLORIDE -ETP TREATED WATER	2.3	180	0	600	No Devia
TSS -ETP TREATED WATER	0.3	23	0	100	No Devia
pH-CONDENSAR COOLING TOWER	0	7.9	0	6.5-8.5	No Devia
TEMP-CONDENSAR COOLING TOWI	0	0.68	0	Not More	No Devia
FREE AVAILABLE CHLORINE-CONDE	0	0.050	0	0.5	No Devia
TSS-BOILER BLOWDOWN	0.2	5.3	0	100	No Devia
O&G-BOILER BLOWDOWN	0.00	0.0	0	10	No Devia
COPPER (TOTAL)-BOILER BLOWDOV	0.0021	0.049	0	1	No Devia
IRON(TOTAL)-BOILER BLOWDOWN	0.0095	0.217	0	1	No Devia
FREE AVAILABLE CHLORINE -COOLII	0.103	0.05	0	0.5	No Devia

CHROMIUM (TOTAL) -COOLING TO	0.203	0.10	0	0.2	No Devia
PHOSPHATE-COOLING TOWER BLO	4.63	2.28	0	5	No Devia
pH-DM PLANT EFFLUENT	0	7.9	0	5.5-9.0	No Devia
SUSPENDED SOLID-DM PLANT EFFL	2.3	12.0	0	100	No Devia
O&G-DM PLANT EFFLUENT	0	0	0	10	No Devia
BOD 3DAY-DM PLANT EFFLUENT	1.7	9.1	0	30	No Devia
COD -DM PLANT EFFLUENT	5.7	30	0	250	No Devia
TDS-DM PLANT EFFLUENT	94.0	497.5	0	2100	No Devia

[Add More](#)

[\[B\] Air \(Stack\)](#)

Part D

HAZARDOUS WASTES

[As specified under Hazardous Waste (Management Handling & Transboundry Movement Rules, 2008)]

1) From Process

2) From Pollution Control Facilities

Part E

SOLID WASTES

1) From Process

2) From Pollution Control Facilities

3) Quantity Recycled or Re-utilized within the unit

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

2) Solid Waste

Part G

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

Part H

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

[\[A\] Investment made during the period of Environmental Statement](#)

[\[B\] Investment Proposed for next Year](#)

Part I

Pollutants Detail	Quantity of Pollutants discharged (kL/day or Kg/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	% variation	Standard	Reason
UNIT#1PM	1143.19	39	0	50	No Devia
UNIT#1 SO2	16788	585	0	600	No Devia
UNIT#1 NOX	7660.91	265	0	300	No Devia
UNIT#2PM	1086.61	38	0	50	No Devia
UNIT#2 SO2	16665	576	0	600	No Devia
UNIT#2 NOX	7695.22	266	0	300	No Devia
UNIT#3 PM	1108.05	38	0	50	No Devia
UNIT#3 SO2	16654	578	0	600	No Devia
UNIT#3 NOX	7964.98	277	0	300	No Devia
UNIT#4 PM	1034.58	35	0	50	No Devia
UNIT#4 SO2	16443	561	0	600	No Devia
UNIT#4 NOX	7937.86	271	0	300	No Devia
UNIT#5 PM	992.39	34	0	50	No Devia
UNIT#5 SO2	15715	542	0	600	No Devia
UNIT#5 NOX	7660.07	264	0	300	No Devia

Add More

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil <input type="text" value="v"/>	0	0	MT/A <input type="text" value="v"/>

Other Hazardous Waste	0.380Glass Wool	0.00 Glass Wool	MT/A
Other Hazardous Waste	0.290 ETP Sludge CAT No:-34.4	0.00 ETP Sludge CAT No:-34.4	MT/A

Add More

Hazardous Waste Type Total During Previous Financial year Total During Current Financial year UOM

Other Hazardous Waste	0.290 ETP Sludge CAT No:-34.4	0.00 ETP Sludge CAT No:-34.4	MT/A
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Add More

Non Hazardous Waste Type Total During Previous Financial year Total During Current Financial year UOM

BOTTAM ASH	123568	105711.2	MT/A
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Add More

Non Hazardous Waste Type Total During Previous Financial year Total During Current Financial year UOM

FLY ASH	507057	422845	MT/A
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Add More

Waste Type Total During Previous Financial year Total During Current Financial year UOM

NA	00	0	MT/A
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Add More

Type of Hazardous Waste Generated Qty of Hazardous Waste UOM Concentration of Hazardous Waste

Other Hazardous Waste	0.00 ETP Sludge CAT No:-34.4	MT/A	Solid , Low Concentration of Water
Other Hazardous Waste	0.00 Glass Wool	MT/A	Glass Wool

Add More

Type of Solid Waste Generated Qty of Solid Waste UOM Concentration of Solid Waste

FLY ASH	422845	MT/A	Dry Micro Partical Size
BOTTOM ASH	105711.2	MT/A	Wet and Granual Mode

Add More

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)
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0	0	0	0	0	0	0
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Add More

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

Any other particulars for improving the quality of the environment

Particulars

Name & Designation

NOTE: Attached file must be in pdf format and size should be upto 2MB.

Kindly attach Latest Consent copy

 No file selected.

Analysis report(Water & Air & Hazardous Waste) of the current year.(Analysis report from recognized laboratory by MoEF)

 No file selected.

Capcha:



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