FORM V

Draft Copy

Part A

Environmental Audit Report for the financial Year ending the 31st March 2016

NOTE - (Last Three years to be shown-Means from 2012 onwards)

Company Information

Company Name	:	RattanIndia Power Ltd.	**IIN No.**	
Address	:	Plot No. D-2 and D-2 (Part), Addl. MIDC Nandgaon Peth		
Plot No.	:	D-2 and D-2 (Part)		
Taluka	:	Amravati	**Village**	
District	:		**Capital Investment**	
City	:	Amravati	**Scale**	
Pin code	:	444901		
Person Name *	:	Mr.Mukesh Kumar Singhal		
Designation *	:	Sr.V.P.		
Telephone No	:	9971200580		
Fax No	:	7212552364		
Email Id	:	sadashiv.kulkarni@indiabulls.com		
Region	:	SRO Amravati I		
Industry Category	:	Red		
Industry Type	:	R81 Thermal Power Plants		
Date of Last Environmental statement submitted online *	:	Yes		
Consent No	:	MPCB/15/14013		
Consent Issue Date	:	03/11/2015		
Consent Valid Upto	:	31/08/2016		
Submission of Financial Year *	:	Apr 2015 - Mar 2016		
Year of Establishment	:	31/12/2011		
Note: If you desire to update the above filled information than write to us at eic@mpcb.gov.in				

Production

S.No	Product Name	Consent Quantity	Actua
1	Electricity Generationn MW	11826000.00	61921

By Production

S.No	By Product Name	Consent Quantity	Actual Qua
1		0.00	0.00
2			
3			
4			

Part B

1) Water Consumption in m3/day

S.No	Water Consumption for	Consent Quantity in m3/day	Actual
1	Process	0.00	0.00
2	Cooling	111292.00	42119.(
3	Domestic	720.00	595.00
4	All Others	1218.00	1218.0(
	Total	113230	43932

Effluent Generation in m3/day

S.No	Particulars	Consent Quantity
1	Daily quantity of trade effluent from the factory	24019.00
2	Daily quantity of sew age effluent from the factory	470.00
3	Daily quantity of treated effluent	0.00

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

S.No	Name of Products (Production)	During the Previous financial Year	Durir
1	Electricity Generation MW	2.53	2.56

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

S.No	Name of Raw Materials	During the Previous Financial Year	During the current Financ
1	Coal	0.63	0.60
2	LDO	0.00	0.00
3	HFO	0.00	0.00
4			
5			
6			
7			
8			
9			
10			
11			
12			

4) Fuel Consumption

S.No	Fuel Name	Consent quantity	Actual Quantity
1	LDO	27700.00	4240.30
2	Furnace Oil	22800.00	0.00
3	Coal	6793051.50	3708398.00

Part C

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

[A] Water

S.No	Pollutants Detail	Quantity of Pollutants discharged (kg/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of Variation from prescribed standards with reasons		
		Quantity	Concentration	% of variation	Standard	Reason
1	pH	0.00	8.20	0.00	8.50	

2	Suspended Solid	0.00	12.60	0.00	100.00	
3	BOD 3 Day	0.00	12.10	0.00	30.00	
4	COD	0.00	37.30	0.00	250.00	

[B] Air (Stack)

S.No	Pollutants Detail	Quantity of Pollutants discharged (kg/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of Variation from prescribed standards with reasons		
		Quantity	Concentration	% of variation	Standard	Reason
1	SPM/TPM	1069.81	34.80	0.00	50.00	
2	NOX	5142.18	167.20	0.00	300.00	
3	SO2	19894.31	647.18	0.00	862.00	
4						

Part D

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

1) From Process

S.No	Hazardous Waste Type
1	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications
2	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications
3	34.Purification processes for air and w ater

2) From Pollution Control Facilities

S.No	Hazardous Waste Type
1	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications

2	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications
3	34.Purification processes for air and w ater

Part E

SOLID WASTES

1) From Process

S.No	Non Hazardous Waste Type
1	Fly Ash
2	Bottom Ash
3	E- Waste

2) From Pollution Control Facilities

S.No	Non Hazardous Waste Type
1	Fly Ash
2	Bottom Ash
3	E- Waste

3) Quantity Recycled or Re-utilized within the unit

S.No	Waste Type
1	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications

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

S.No	Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentra Waste
1	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications	0.00	MT	Not More Th Concentrati
2	34.Purification processes for air and w ater	0.00	MT	Solid Low C
3	5.Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications	0.00	MT	More than 9 Concentrati

2) Solid Waste

S.No	Type of Solid Waste Generated	Qty of Solid Waste	UOM	Consistency of Solid Waste	Disposal
1	Fly Ash	963870.00	MT	Slurry	Disposed to Cement/I
2	Bottom Ash	170095.00	MT	Semi Solid	Collected in Silo and
3	E- Waste				

Part G

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

S.No	Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (Kg/day)	Reduction in Raw Material (Kg)	R R (
1	Recycle Seepage w ater in to cooling w ater as a make up w ater	960.00	144.00	144.00	1
2					
3					
4					

Part H

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

[A] Investment made during the period of Environmental Statement

S.No	Detail of measures for Environmental Protection	Environmental Protection Measur
1	Installation of Additional Water Sprinkling System at Wagon Tripler Area	For Control Secondary Emission

[B] Investment Proposed for next Year

S.No	Detail of measures for Environmental Protection	Environmental Protection Measures
1	Construction Of Bituminous Road inside the Plant for control Fugitive Emission.	For control Secondary Pollution during Vehi

Part I

Any other particulars in respect of evnironmental protection and abatement of pollution

Adopting Clean Coal Energy Norms issued by Pollution Control Authority time to time .

☐ **I hereby declare that the details furnished above are true.**

Signature

Name and Designation

Submit