



ACB (INDIA) LIMITED

30MW Chakabura Power Plant, P.O.-Jawali Tehsil-Katghora
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Fax 07815-285884, 285885, Email : 2x30mw@acbindia.com
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Ref No: ACBIL/RDO/ENV/2023/056

Date: 15/06/2023

To
The Regional Officer
Chhattisgarh Environment Conservation Board
Korba (C.G.)

Sub: ACB India Limited 2X30 MW Thermal Power Plant Vill.
Chakabura, Tehsil Katghora, District Korba, C.G.:- Inventory of
Hazardous Waste (Management, Handling and Transboundary
Movement) Rules, 2016 of the year 2022-23-Reg.

Ref: -Letter no. 209/RO/CECB/2023 Korba, dated 10.05.2023

Dear Sir,

With reference to above subject matter, we are submitting Hazardous Waste data in your prescribed format for our 2x30 MW Thermal Power Plant, ACB India Limited at village Chakabura.

This is submitted for kind information and records please.

Thanking You,
Yours faithfully

For, ACB India Limited

Authorized Signatory



Encl.: As Above

Annexure-I

Submission of Annual Inventory on Hazardous Waste and Other Management

Year: 2022-23

A1 Details on Hazardous Waste Generation

S. No.	Name of the District	Total Number of HW Generating Industry	Number of Units possessing authorisation	Number of Units exempted from obtaining Authorisation	Number of HW Units submitted annual returns	Authorized Quantity of Hazardous Waste (Metric Tonne)				Total Quantity	*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Details on Import and Export of Hazardous Waste		
						Landfillable	Incinerable	Recyclable	Utilizable		Landfillable	Incinerable	Recyclable	Utilizable	Quantity of HW imported during the year (Metric Tonne)	Type of HW	Quantity of HW exported during the year (Metric Tonne)
1	Korba	1	2	NA	2	3	4	5		6	7	8	9	10	11	12	13
					1	2.5	5.0	NA		NA	NIL	2.355	NA	NA	NA	NA	NA
Total						2.5	5.0		7.5								

* This shall also include hazardous waste generated during recycling/utilization of hazardous waste imported from other countries as well as received from other States/UTs. However, it shall not include the quantity of hazardous waste imported and received from other states/UTs either for recycling/utilization or disposal.

Note: Other units such as Kilo Litres or Numbers shall be converted into Metric Tonnes and therefore, the quantity of hazardous waste shall be reported only in Metric Tonne.



Format-A2: Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
		14	15	16	17
1	For disposal at common secured landfill	NA	NA	NA	NA
2	For disposal at common Incinerator	NA	NA	NA	NA
3	For recycling by Schedule IV recyclers	NA	NA	NA	NA
4	For utilization in co-processing (cement plants)	NA	NA	NA	NA
5	For utilization under Rule 9 (other than co-processing)	NA	NA	NA	NA



A3 Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)						Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled (listed under Schedule-IV Hazardous Wastes) (MT)		Quantity Utilized (MT)				Quantity of waste Recycled (listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
		Generated within state	Imported	Co-processing in Cement plant	Non-captive utilization based on CPCBs SOPs	Captive utilization of hazardous and other wastes for which SOP has not been prepared by CPCB	Co-processing in Cement plant		Non-captive utilization based on CPCBs SOPs		
		18	19	20	21	22	23	24	25	26	27
Not Applicable											
Total											

A4 Details on Hazardous Waste Disposed

S. No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)	
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in common (MT)	
		Common	Captive	Common	Captive	SLF	Incinerator
		28	29	30	31	32	33
Not Applicable							
Total							



A5 Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 1 st April (MT)					Total Quantity of HW stored at Occupier premises at the end of financial year i.e. 31 st March (MT)				
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
1	Korba	34	35	36	37	38	39	40	41		
				Nil				2,355			
	Total			Nil				2,355			

A6 Details on management of Other Waste (Domestically generated and imported)

S. No.	Name of the District	Number of units authorized for recycling/utilization of Other Waste (MT)		Authorized capacity (MT)		Quantity of other waste imported from other country (MT)	Quantity of other waste exported to other country (MT)	Quantity of other waste (Schedule III waste B and D) utilized/recycled during the year April-March (MT)		Other waste sent for disposal to Common TSDF (MT)	Quantity of HW generated during recycling/utilization of other waste (MT)	Quantity of other waste stored at Occupiers premises (MT)	
		Other Waste Schedule III-Part B	Other Waste Schedule III-Part D	Other Waste Schedule III-Part B	Other Waste Schedule III-Part D			Imported	Domestically generated			at the beginning of the financial year	at the end of financial year
		42	43	44	45	46	47	48	49	50	51	52	53
	Total												

Not Applicable



A7-A Details of Domestic Hazardous Wastes* Resulting from Enforcement of Other Regulation

S. No.	Name of the District	Name and Address of deposition centers authorized for collection	Authorized capacity (MT)	Quantity of domestic HW received at deposition centres during the year April-March (MT)	Quantity of domestic HW sent to common TSDF during the year April-March (MT)	Quantity of hazardous waste stored at deposition centres (MT)	
						at the beginning of the financial year i.e. 1 st April	at the end of financial year i.e. 31 st March
		54	55	56	57	58	59
Not Applicable							
Total							

*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management

A7-B Details of Fluorescent and Other Mercury containing lamps* resulting from Enforcement of Other Regulation

S. No.	Name of the District	Name and Address of collection centers authorized for collection	Authorized capacity (MT)	Quantity of waste received at collection centers during the year April-March(MT)	Quantity of waste sent to common TSDF during the year April-March (MT)	Quantity of hazardous waste stored at collection centers (MT)	
						at Occupier premises at the beginning of the financial year i.e. 1 st April	at Occupier premises at the end of financial year i.e. 31 st March
		60	61	62	63	64	65
Not Applicable							
Total							

*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management



A8 Details of waste collectors

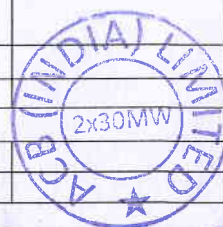
S. No.	Name of the District	Name and Address of waste collectors	Authorized capacity (MT)	Quantity of waste received at collection centre's during the year April-March (MT)		Quantity of waste sent to common TSDF during financial year		Quantity of waste stored at beginning of the year financial year i.e. 1 st April (MT)		Quantity of waste stored at end of the year financial year i.e. 31 st March (MT)	
				Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste
		66	67	68	69	70	71	72	73	74	75
Not Applicable											
Total											



B Annual Inventory on Recycling / Utilization/Pre-processing/Co-Processing of Hazardous and Other Waste

Year: 2022-23

S. No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Pre-processing/ Co-processing of HW (MT)	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Pre-processed/ Co-processed(MT) during the year
		76	77	78
A Commonly Recyclable HW				
1	Brass Dross			
2	Zinc Bearing Wastes			
3	Copper Bearing Waste			
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt			
5	Lead bearing waste including battery waste			
6	E-Waste			
7	Paint and ink Sludge/ residues			
8	Used oil		5.0	NIL
9	Waste Oil		2.5	NIL
	Add row for recycling of hazardous waste (listed under schedule IV) apart from above and provide relevant details required under the respective columns			
	Total		7.5	NIL
B Non-captive utilization based on CPCBs SOPs				
1	Recovery of solvents from spent solvents			
2	Utilization of APCD Dust / Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron			
3	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver			
4	Utilization of Spent H2SO4 generated from Pickling operations for manufacturing Ferrous Sulphate			
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	Total			
C Captive utilization of hazardous and other wastes for which SOP has not been prepared by CPCB				
1				
2				
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	Total			
D Pre-processing of hazardous and other waste				
1				
2				
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	Total			
E Co-processing in Cement Plants				
1				
2				



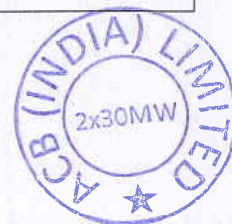
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns			
	Total			



C List of Authorized Recyclers / Utilizers /Pre-processors/ Co-processors of Hazardous Waste

Year: 2022-23

S. No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized/ Co-processed (MT)
	79	80	81	82
A	List of Authorized Recyclers of hazardous waste			
1				
2	Not Applicable			
	Total			
B	List of Authorized Utilizers (under Rule 9) of hazardous and other wastes			
1				
2	Not Applicable			
	Total			
C	List of Authorized Utilizers (under captive utilization) of hazardous and other wastes			
1				
2	Not Applicable			
	Total			
D	List of Authorized Pre-processors of hazardous and other wastes			
1				
2	Not Applicable			
	Total			
E	List of Authorized Co-processors of hazardous and other wastes			
1				
2	Not Applicable			
	Total			



D1-A Details on disposal of Hazardous Waste in Common TSDF(s)

Year: 2022-23

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)		Quantity of Hazardous Waste Disposed (MT)		Quantity in Stock at the end of the year (MT)		Cumulative HW disposed by the end of financial year (MT)			Capacity		
		Landfillable	Incinerable	For landfill	For Incineration	For landfill	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator (T/H)	Incinerator (Kcal)	Landfill (MT/A)		
83		84	85	86	87	88	89	90	91	92	93	94	95	96	
Not Applicable															

* Including wastes received from other State/UT



D1-E Details on disposal of Other Waste in Common TSDF(s)

Year: 2022-23

S. No.	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Other Waste Received (MT)		Quantity of Other Waste Disposed (MT)		Quantity in Stock at the end of the year (MT)		Cumulative other waste disposed by the end of financial year (MT)			Capacity	
		Landfillable	Incinerable	For landfill	For Incineration	Quantity Landfilled directly	Quantity Incinerated	Landfillable	Incinerable	SLF	Incinerator	Incinerator(T/H)	Landfill (MT/A)	
97		98	99	100	101	102	103	104	105	106	107	108	109	
Not Applicable														



* Including wastes received from other State/UT

D2 Details on Captive TSDF(s)

Year: 2022-23

S. No.	Name and Address of Captive facility	Type of facility (landfillable/ Incinerable/both)	Capacity		HW disposed during the year (MT)		Cumulative HW disposed till the end of financial year (MT)	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
110		111	112	113	114	115	116	117
Not Applicable								
Total								



D3 Details on Common TSD(s) involved in disposal of Domestic Hazardous Waste and Fluorescent and Other Mercury containing lamps

Year: 2022-23

S. No	Name and Address of the TSDs involved in disposal of domestic Hazardous waste and Fluorescent and other mercury containing lamps	Quantity of domestic HW received	Name and address of deposition center from where such waste received	Quantity of fluorescent and other mercury containing lamps received	Name and address of collection centre from where such waste received	Quantity of Hazardous Waste Disposed (MT)		Quantity of waste stored (MT)			
						Domestic HW	Fluorescent and other mercury containing lamps	Quantity of waste stored at Occupier premises at the beginning of the financial year	at Occupier premises at the end of financial year	Fluorescent and other mercury containing lamps at the beginning of the financial year	at the end of financial year
118		119	120	121	122	123	124	125	126	127	128
Total						Not Applicable					

