



o/c

# ACB (INDIA)LIMITED

2x50 MW POWER PLANT Village - Ratija  
Post - Nonbirra, Teh. - Pali, Distt. - Korba (C.G.)  
PIN No. - 495 449, Tel./Ph. - 07815 256677, 256609

Ref. No.: ACBIL/2x50MW/HW/ENV/2022-23/22

Date: 18/05/23

To,  
The Member Secretary  
Chhattisgarh Environment Conservation Board  
Paryvas Bhawan, North Block Sector-19  
Atal Nagar Nava Raipur (C.G.) 492002

Sub.:- ACB India Limited, 2X50 MW Thermal Power Plant at Village-Ratija, Tehsil-Pali, District-Korba (C.G.): -Submission of Hazardous Waste return(Form-4) and annual Inventory for the period from 1<sup>st</sup> April 2022 to March 2023-Regarding.

Ref.:-Authorization Letter No.8910/HSMD/HO/CECB/2020 Raipur, Date 06.01.2020.

Sir

This has reference to the above subject matter please find enclosed herewith duly filled annual return Form-4 and annual Inventory in your prescribe format regarding the Hazardous Waste (Management Handling & Transboundry Movement) Rules, 2016.

This is for your kind information and record please.

Thanking You,

For ACB India Limited

Authorized Signatory

Encl.: As above

Copy to: Regional Officer, Chhattisgarh Environment Conservation Board, Korba.



Address for Correspondence : D - 24, Hirja Nagar, Behind SECL, Guest House, P.O. - Govia, Distt. - Korba - 495449, Tel./Ph. - 07815 256677

Corporate Office : 7th Floor Corporate Tower Ambience Mall, NH - 8 Gurgaon - 122001, Tel.- 0124-2719000,

Regd Office : C-102 New Multan Nagar, Rohtak Road, New Delhi - 100 056 (India)

CIN No: - U10102DL1997PLC085837.

**FORM 4**

[See rules 6(5), 13(8), 16(6) and 20 (2)]

**FORM FOR FILING ANNUAL RETURNS****[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period 1<sup>st</sup>April-2022 to 31<sup>st</sup>March-2023]**

1.Name and address of facility:	ACB India Limited, 2X50 MW TPP, Vill- Ratija, Tehsil- Pali , Dist- Korba, C.G.
2.Authorization No. and Date of issue:	291/HO/HSMD/CECB/ATAL NAGAR Date: 06.01.2020
3.Name of the authorized person :- Mo. No./Telephone:- E-mail /fax number and:- full address:-	Shri Rohit Kulshrestha, Mo-9589486276 E-mail:Rohit.Kulshrestha@acbindia.com Vill- Ratija, Tehsil- Pali , Dist- Korba, C.G.
4. Production during the year (product wise), wherever applicable	NA

**Part A. To be Filled by Hazardous Waste Generators****1.Total quantity of waste generated category wise:-**

S.NO.	Hazardous Waste	Cat.No.	Quantity of waste generated
1	Used or Spent oils	5.1	0.845 KL
2	Waste or residues Containing oil	5.2	NIL
3	Spent ion exchange resin containing toxic metal	35.2	NIL

**2. Quantity dispatched****(i)To disposal facility –**

S.NO.	Hazardous Waste	Cat.No.	Quantity of waste generated
1	Used or Spent oils	5.1	NIL
2	Waste or residues Containing oil	5.2	NIL
3	Spent ion exchange resin containing toxic metal	35.2	NIL

**(ii)To recycler or co-processors or pre-processor :- NIL****(iii) Others:-NIL****3. Quantity utilized in-house, if any:-NIL****4. Quantity in storage at the end of the Year :-**

S.NO.	Hazardous Waste	Cat.No.	Quantity of waste generated
1	Used or Spent oils	5.1	4.807 KL
2	Waste or residues Containing oil	5.2	0.272 KL
3	Spent ion exchange resin containing toxic metal	35.2	NIL

**Part B. To be Filled by Treatment, Storage and Disposal Facility Operators**

1. Total Quantity Received -NA
2. Quantity in Stock at the beginning of the Year -NA
3. Quantity treated - NA
4. Quantity Disposed in Landfills as such and after Treatment - NA
5. Quantity Incinerated (if applicable)-NA
6. Quantity Processed other than Specified above -NA
7. Quantity in Storage at the end of the Year -NA

**Part C. To be Filled by Recyclers or Co-processors or other Users**

1. Quantity of waste received during the year -NA
  - (i) Domestic sources
  - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year - NA
3. Quantity recycled or co-processed or used - NA
4. Quantity of products dispatched (where ever applicable) -NA
5. Quantity of waste generated -NA
6. Quantity of waste disposed -NA
7. Quantity re-exported (where ever applicable) -NA
8. Quantity in storage at the end of the year- NA

*Rohit*

**Date -Authorized Signatory**  
**Place- Ratija, Korba(C.G.)**

**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 annually	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	Kooba C.G.	1	2	NA	2	3	4	5	6	7	8	9	10	11	12	13	
					0.5	0.5	3.0	NA	NIL	NIL	0.845	NA	NA	NA	NA	NA	
	<b>Total</b>								4.0				0.845				

\* 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.

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**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)
1	For disposal at common secured landfill	14	15	16	17
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
2	For disposal at common Incinerator	NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
3	For recycling by Schedule IV recyclers	NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
4	For utilization in co-processing (cement plants)	NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
5	For utilization under Rule 9 (other than co-processing)	NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA
		NA	NA	NA	NA

NA



**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 <sup>st</sup> April (MT)				Total Quantity of HW stored at Occupier premises at the end of financial year i.e. 31 <sup>st</sup> March (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		34	35	36	37	38	39	40	41
I	Koiba C.G	NIL	0.272 Waste or residues containing oil	3.962 Used or Spent oil	NIL	NIL	0.272 KL Waste or residues containing oil	4.807 KL Used or Spent oil	NIL
	<b>Total</b>		0.272	3.962			0.272	4.807	

**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 Occupier 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
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	<b>Total</b>												

*NA*

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

S. No.	Name of the District	Name and Address of deposition centres 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)
		54	55	56	57	at the beginning of the financial year i.e. 1 <sup>st</sup> April
		NA	NA	NA	NA	at the end of financial year i.e. 31 <sup>st</sup> March
	<b>Total</b>					
					58	59
					NA	NA

\*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 centres authorized for collection	Authorized capacity (MT)	Quantity of waste received at collection centres 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 centres (MT)
		60	61	62	63	at Occupier premises at the beginning of the financial year i.e. 1 <sup>st</sup> April
		NA	NA	NA	NA	at Occupier premises at the end of financial year i.e. 31 <sup>st</sup> March
	<b>Total</b>					
					64	65
					NA	NA

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

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**A8 Details of wastecollectors**

S. No.	Name of the District	Name and Address of waste collectors	Authorized capacity (MT)	Quantity of waste received at collection centres during the year April-March (MT)		Quantity of waste sent to common TSDF during financial		Quantity of waste stored at beginning of the year financial year i.e. 1 <sup>st</sup> April (MT)		Quantity of waste stored at end of the year financial year i.e. 31 <sup>st</sup> March (MT)	
				Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste
		66	67	69	70	71	72	73	74	75	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	
<b>Total</b>											

*NA*

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

**Year: 2022-2023**

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
<b>A Commonly Recyclable HW</b>				
1	Brass Dross	NA	NA	NA
2	Zinc Bearing Wastes	NA	NA	NA
3	Copper Bearing Waste	NA	NA	NA
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	NA	NA	NA
5	Lead bearing waste including battery waste	NA	NA	NA
6	E-Waste	NA	NA	NA
7	Paint and ink Sludge/ residues	NA	NA	NA
8	Used oil	NA	NA	NA
9	Waste Oil	NA	NA	NA
	Add row for recycling of hazardous waste (listed under schedule IV) apart from above and provide relevant details required under the respective columns	NA	NA	NA
	<b>Total</b>			
<b>B Non-captive utilization based on CPCBs SOPs</b>				
1	Recovery of solvents from spent solvents	NA	NA	NA
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	NA	NA	NA
3	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver	NA	NA	NA
4	Utilization of Spent H <sub>2</sub> SO <sub>4</sub> generated from Pickling operations for manufacturing Ferrous Sulphate	NA	NA	NA
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns	NA	NA	NA
	<b>Total</b>			
<b>C Captive utilization of hazardous and other wastes for which SOP has not been prepared by CPCB</b>				
1				
2				
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns	NA	NA	NA
	<b>Total</b>			
<b>D Pre-processing of hazardous and other waste</b>				
1		NA	NA	NA
2		NA	NA	NA
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns	NA	NA	NA
	<b>Total</b>			
<b>E Co-processing in Cement Plants</b>				
1				
2				
	Add row for utilization of hazardous and other wastes and provide relevant details required under the respective columns	NA	NA	NA
	<b>Total</b>			

*Handwritten signature*

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

Year: 2022-2023

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
<b>A</b>	<b>List of Authorized Recyclers of hazardous waste</b>			
1	NA	NA	NA	NA
2	NA	NA	NA	NA
	<b>Total</b>			
<b>B</b>	<b>List of Authorized Utilizers (under Rule 9) of hazardous and other wastes</b>			
1	NA	NA	NA	NA
2	NA	NA	NA	NA
	<b>Total</b>			
<b>C</b>	<b>List of Authorized Utilizers (under captive utilization) of hazardous and other wastes</b>			
1	NA	NA	NA	NA
2	NA	NA	NA	NA
	<b>Total</b>			
<b>D</b>	<b>List of Authorized Pre-processors of hazardous and other wastes</b>			
1	NA	NA	NA	NA
2	NA	NA	NA	NA
	<b>Total</b>			
<b>E</b>	<b>List of Authorized Co-processors of hazardous and other wastes</b>			
1	NA	NA	NA	NA
2	NA	NA	NA	NA
	<b>Total</b>			

102

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

Year: 2022-2023

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	Incinerator (T/H)	Incinerator (Kcal)	Landfill (MT/A)	
83		84	85	86	87	88	89	90	91	92	93	94	95	96	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

\* Including wastes received from other State/UT

18

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

Year:

2022-2023

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	NA	98	99	100	101	102	103	104	105	106	107	108	109	NA
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

\* Including wastes received from other State/UT

NA

D2 Details on Captive TSDF(s)

Year:

2022-2023

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	NA	111	112	113	114	115	116	117
		NA	NA	NA	NA	NA	NA	NA
<b>Total</b>								

105

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

Year: 2022-2023

S. No	Name and Address of the TSDFs 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 (MT) at Occupier premises at the beginning of the financial year	Quantity of waste stored (MT) at Occupier premises at the end of financial year	Fluorescent and other mercury containing lamps at the beginning of the financial year	Fluorescent and other mercury containing lamps at the end of financial year
	118	119	120	121	122	123	124	125	126	127	128
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Total</b>											

NA