

HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 /email - ultimatenviro@gmail.com

Name & Address of The Customer		REPORT NO	UES/TR/23-24/01123	
ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. -KORBA (C.G.)		LAB REF NO	UES/23-24/AAQM/01123	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	OFFICER COLONY AREA.			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	67	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	32	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.-I IUES/SAP/A/02/PM _{2.5}
Sulphur Dioxide (SO ₂)	µg/m ³	25	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	30	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY



For **ULTIMATE ENVIROLYTICAL SOLUTIONS**

AUTHORIZED SIGNATORY

-----End of the test report-----

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Name & Address of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO		UES/TR/23-24/01123	
		LAB REF NO		UES/23-24/AAQM/01123	
		DATE OF SAMPLING		15/02/2024 - 16/02/2024	
		DATE OF RECEIPT		16/02/2024	
		DATE OF REPORT		20/02/2024	
		DATE OF ANALYSIS		START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS					
MONITORING FOR		AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.		ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION		OFFICER COLONY AREA.			
DURATION OF SAMPLING		24 HOURS			
SAMPLE COLLECTED BY		LABORATORY CHEMIST			
SAMPLING PROCEDURE		AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING		FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.7	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST- NONBIRRA TEHSIL - PALI DISTT.- KORBA (C.G.)		REPORT NO	UES/TR/23-24/01124	
		LAB REF NO	UES/23-24/AAQM/01124	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	NEAR STACK AREA			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	74	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	38	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.-I IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	26	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	31	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALIDISTT.- KORBA (C.G.)		REPORT NO	UES/TR/23-24/01124	
		LAB REF NO	UES/23-24/AAQM/01124	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/NO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	NEAR STACK AREA			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.5	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01125	
		LAB REF NO	UES/23-24/AAQM/01125	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	NEAR MAIN GATE			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	75	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	33	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	23	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	28	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01125	
		LAB REF NO	UES/23-24/AAQM/01125	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	NEAR MAIN GATE			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT



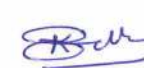
PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.6	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
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PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-
NONBIRRATEHSIL - PALI
DISTT.- KORBA (C.G.)

REPORT NO	UES/TR/23-24/01126	
LAB REF NO	UES/23-24/AAQM/01126	
DATE OF SAMPLING	15/02/2024 - 16/02/2024	
DATE OF RECEIPT	16/02/2024	
DATE OF REPORT	20/02/2024	
DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024

SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	NEAR CANTEEN AREA
DURATION OF SAMPLING	24 HOURS
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	73	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	36	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	27	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	32	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
 (b) N.D. - Not Detected

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PH - 0771 - 4027777 /email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT.- KORBA (C.G.)		REPORT NO		UES/TR/23-24/01126	
		LAB REF NO		UES/23-24/AAQM/0	
		DATE OF SAMPLING		15/02/2024 - 16/02/2024	
		DATE OF RECEIPT		16/02/2024	
		DATE OF REPORT		20/02/2024	
		DATE OF ANALYSIS		START:16/02/2024	END:20/02/2024
SAMPLE DETAILS					
MONITORING FOR		AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.		ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023			
SAMPLING LOCATION		NEAR CANTEN AREA			
DURATION OF SAMPLING		24 HOURS			
SAMPLE COLLECTED BY		LABORATORY CHEMIST			
SAMPLING PROCEDURE		AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING		FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.5	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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Name & Address Of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01127
LAB REF NO	UES/23-24/AAQM/01127
DATE OF SAMPLING	15/02/2024 - 16/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START: 16/02/2024 END: 20/02/2024

SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	OUT SIDE PREMISES TIWARATA VILLAGE
DURATION OF SAMPLING	24 HOURS
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM ₁₀): 1X1 NO., FILTER PAPER (PM _{2.5}): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	68	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	32	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	22	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	26	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

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		LAB REF NO		UES/23-24/AAQM/01127	
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SAMPLE DETAILS					
MONITORING FOR		AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.		ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023			
SAMPLING LOCATION		OUT SIDE PREMISES TIWARATA VILLAGE			
DURATION OF SAMPLING		24 HOURS			
SAMPLE COLLECTED BY		LABORATORY CHEMIST			
SAMPLING PROCEDURE		AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING		FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.4	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
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Name & Address Of The Customer

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2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT.- KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01128	
LAB REF NO	UES/23-24/AAQM/01128	
DATE OF SAMPLING	15/02/2024 - 16/02/2024	
DATE OF RECEIPT	16/02/2024	
DATE OF REPORT	20/02/2024	
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SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	OUT SIDE PREMISES CHAINPUR VILLAGE
DURATION OF SAMPLING	24 HOURS
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	72	100	IS 5182 (Part 23): 2006 &CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	33	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	22	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	27	80	IS 5182 (Part 6): 2006 &CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- This is for information as the party has asked for above test(s) only.



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-----End of the test report-----

HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer : ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT.- KORBA (C.G.)		REPORT NO	UES/TR/23-24/01128	
		LAB REF NO	UES/23-24/AAQM/01128	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START:16/02/2024	END:20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023			
SAMPLING LOCATION	OUT SIDE PREMISES CHAINPUR VILLAGE			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.4	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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-----End of the test report-----

HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT.- KORBA (C.G.)		REPORT NO	UES/TR/23-24/01129	
		LAB REF NO	UES/23-24/AAQM/01129	
		DATE OF SAMPLING	15/02/2024 - 16/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023			
SAMPLING LOCATION	OUT SIDE PREMISES RENKI VILLAGE			
DURATION OF SAMPLING	24 HOURS			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	79	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	40	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	28	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	34	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24 hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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For ULTIMATE ENVIROLYTICAL SOLUTIONS

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-----End of the test report-----

HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. - 492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT.- KORBA (C.G.)		REPORT NO	UES/TR/23-24/01129
		LAB REF NO	UES/23-24/AAQM/01129
		DATE OF SAMPLING	15/02/2024 - 16/02/2024
		DATE OF RECEIPT	16/02/2024
		DATE OF REPORT	20/02/2024
		DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024
SAMPLE DETAILS			
MONITORING FOR	AMBIENT AIR QUALITY MONITORING		
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023		
SAMPLING LOCATION	OUT SIDE PREMISES RENKI VILLAGE		
DURATION OF SAMPLING	24 HOURS		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	AS PER METHOD REFERENCE		
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.		

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.7	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24 hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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For ULTIMATE ENVIROLYTICAL SOLUTIONS



AUTHORIZED SIGNATORY

-----End of the test report-----

HDD-272, PHASE III- NEAR JP CHOWK.

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT.- KORBA (C.G.)

REPORT NO	UES/TR/23-24/01130	
LAB REF NO	UES/23-24/AAQM/01130	
DATE OF SAMPLING	15/02/2024 - 16/02/2024	
DATE OF RECEIPT	16/02/2024	
DATE OF REPORT	20/02/2024	
DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024

SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/NO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	OUT SIDE PREMISES RATIJA VILLAGE
DURATION OF SAMPLING	24 HOURS
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	80	100	IS 5182 (Part 23): 2006 &CPCB Guidelines Vol.-I
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	36	60	IS 5182 (Part 24): 2019 & CPCB Guidelines Vol.- IUES/SAP/A/02/PM 2.5
Sulphur Dioxide (SO ₂)	µg/m ³	28	80	IS 5182 (Part 2): 2001 & CPCB Guidelines Vol.-I
Nitrogen Dioxide (NO ₂)	µg/m ³	33	80	IS 5182 (Part 6): 2006 &CPCB Guidelines Vol.-I

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK.

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT.- KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01130
LAB REF NO	UES/23-24/AAQM/01130
DATE OF SAMPLING	15/02/2024 - 16/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023
SAMPLING LOCATION	OUT SIDE PREMISES RATIJA VILLAGE
DURATION OF SAMPLING	24 HOURS
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM10): 1X1 NO., FILTER PAPER (PM2.5): 1X1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.

TEST REPORT

PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
Carbon Monoxide (CO) *	mg/m ³	0.6	4.0	IS 5182 (Part 10):1999
Mercury (Hg)	ng/m ³	N.D.	-	EPA Method IO-5

Note: (a) All results are on the basis of 24hour sampling except CO,
(b) N.D. - Not Detected

REMARKS: RESULTS ARE AS ABOVE

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-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK.

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PH - 0771 - 4027777 / email - ultimatenviro@gmail.com

Name & Address Of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI
DISTT. - KORBA (C.G.)

REPORT NO	UES/TR/23-24/00123	
LAB REF NO	UES/23-24/ST/00123	
DATE OF SAMPLING	15/02/2024	
DATE OF RECEIPT	16/02/2024	
DATE OF REPORT	20/02/2024	
DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024

SAMPLE DETAILS

MONITORING FOR	STACK EMISSION MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	STACK UNIT # I
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	IS 11255 PART 1, 2:1985 REAFFIRMED 2009; PART 3:2008, PART 7:2005 REAFFIRMED 2012, IS 5182 (PART 10) :2003
SAMPLE QUANTITY/PACKING	THIMBLE: 1 X 1 NO., SO ₂ : 30 ML X 1 NO. PVC BOTTLE, NOX: 25 ML X 1 NO. PVC BOTTLE, RUBBER BLADDER: 1 X 1 NO., HG: 500ML X 1 NO. GLASS BOTTLE & 500ML X 3 NO. PVC BOTTLE.

TEST REPORT

Stack details

STACK IDENTITY	UNIT # I			
STACK ATTACHED TO	ESP			
MATERIAL OF CONSTRUCTION	MS PLATE			
STACK HEIGHT ABOVE GROUND LEVEL (MTR.)	90			
STACK DIAMETER	3.43			
STACK SHAPE AT TOP	CIRCULAR			
TYPE OF FUEL	WASHERY REJECTED COAL			
Parameter	Unit	Result	Limit	Method Reference
FLUE GAS TEMPERATURE	°C	132.5	-	IS 11255 (Part 3):2008
FLUE GAS VELOCITY	M/s	20.46	-	IS 11255 (Part 3):2008
TOTAL GAS QUANTITY	Nm ³ /h	499909.5	-	IS 11255 (Part 3):2008
TOTAL PARTICULATE MATTER (TPM)	mg/Nm ³	41.9	50	IS 11255 (Part 1):1985
SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	352.4	600	IS 11255 (Part 2):1985
OXIDES OF NITROGEN (NO _x)	mg/Nm ³	244.2	450	IS 11255 (Part 7):2005

REMARKS: N.D. -NOT DETECTED

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-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)

REPORT NO	UES/TR/23-24/00123
LAB REF NO	UES/23-24/ST/00123
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

MONITORING FOR	STACK EMISSION MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED:17/03/2023
SAMPLING LOCATION	STACK UNIT # I
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	IS 11255 PART 1,2:1985 REAFFIRMED 2009; PART 3:2008, PART 7:2005 REAFFIRMED 2012, IS 5182 (PART 10) :2003
SAMPLE QUANTITY/PACKING	THIMBLE: 1 X 1 NO., SO2: 30 ML X 1 NO. PVC BOTTLE, NOX: 25 ML X 1 NO. PVC BOTTLE, RUBBER BLADDER: 1 X 1 NO., HG: 500ML X 1 NO. GLASS BOTTLE & 500ML X 3 NO. PVC BOTTLE.

TEST REPORT

Stack details

STACK IDENTITY	UNIT # I			
STACK ATTACHED TO	ESP			
MATERIAL OF CONSTRUCTION	MS PLATE			
STACK HEIGHT ABOVE GROUND LEVEL (MTR.)	90			
STACK DIAMETER	3.43			
STACK SHAPE AT TOP	CIRCULAR			
TYPE OF FUEL	WASHERY REJECTED COAL			
Parameter	Unit	Result	Limit	Method Reference
CARBON MONOXIDE (CO)	mg/Nm ³	0.6	-	IS 13270
MERCURY (HG)	mg/Nm ³	N.D.	0.03	USEPA Method No. 29

REMARKS: N.D.-NOT DETECTED

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HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)

REPORT NO	UES/TR/23-24/00124
LAB REF NO	UES/23-24/ST/00124
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

MONITORING FOR	STACK EMISSION MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	STACK UNIT # II
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	IS 11255 PART 1,2:1985 REAFFIRMED 2009; PART 3:2008, PART 7:2005 REAFFIRMED 2012, IS 5182 (PART 10) :2003
SAMPLE QUANTITY/PACKING	THIMBLE: 1 X 1 NO., SO ₂ : 30 ML X 1 NO. PVC BOTTLE, NOX: 25 ML X 1 NO. PVC BOTTLE, RUBBER BLADDER: 1 X 1 NO., HG: 500ML X 1 NO. GLASS BOTTLE & 500ML X 3 NO. PVC BOTTLE.

TEST REPORT

Stack details

STACK IDENTITY	UNIT # II
STACK ATTACHED TO	ESP
MATERIAL OF CONSTRUCTION	MS PLATE
STACK HEIGHT ABOVE GROUND LEVEL (MTR.)	107
STACK DIAMETER	2.3
STACK SHAPE AT TOP	CIRCULAR
TYPE OF FUEL	WASHERY REJECTED COAL

Parameter	Unit	Result	Limit	Method Reference
FLUE GAS TEMPERATURE	°C	135.4	-	IS 11255 (Part 3):2008
FLUE GAS VELOCITY	M/s	21.32	-	IS 11255 (Part 3):2008
TOTAL GAS QUANTITY	Nm ³ /h	232565.6	-	IS 11255 (Part 3):2008
TOTAL PARTICULATE MATTER (TPM)	mg/Nm ³	39.8	50	IS 11255 (Part 1):1985
SULPHUR DIOXIDE (SO ₂)	mg/Nm ³	342.6	600	IS 11255 (Part 2):1985
OXIDES OF NITROGEN (NO _x)	mg/Nm ³	224.6	450	IS 11255 (Part 7):2005

REMARKS: N.D. -NOT DETECTED

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HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)**

REPORT NO	UES/TR/23-24/00124
LAB REF NO	UES/23-24/ST/00124
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

MONITORING FOR	STACK EMISSION MONITORING
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLING LOCATION	STACK UNIT # II
SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	IS 11255 PART 1,2:1985 REAFFIRMED 2009; PART 3:2008, PART 7:2005 REAFFIRMED 2012, IS 5182 (PART 10) :2003
SAMPLE QUANTITY/PACKING	THIMBLE: 1 X 1 NO., SO ₂ : 30 ML X 1 NO. PVC BOTTLE, NOX: 25 ML X 1 NO. PVC BOTTLE, RUBBER BLADDER: 1 X 1 NO., HG: 500ML X 1 NO. GLASS BOTTLE & 500ML X 3 NO. PVC BOTTLE.

TEST REPORT

Stack details

STACK IDENTITY	UNIT # II			
STACK ATTACHED TO	ESP			
MATERIAL OF CONSTRUCTION	MS PLATE			
STACK HEIGHT ABOVE GROUND LEVEL (MTR.)	107			
STACK DIAMETER	2.3			
STACK SHAPE AT TOP	CIRCULAR			
TYPE OF FUEL	WASHERY REJECTED COAL			
Parameter	Unit	Result	Limit	Method Reference
CARBON MONOXIDE (CO)	mg/Nm ³	0.5	-	IS 13270
MERCURY (HG)	mg/Nm ³	N.D.	0.03	USEPA Method No. 29

REMARKS: N.D.-NOT DETECTED

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HDD-272, PHASE III- NEAR JP CHOWK,

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01212	
		LAB REF NO	UES/23-24/W/01212	
		DATE OF SAMPLING	15/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	BOREWELL NEAR DM PLANT	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	GROUND WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01212

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Microbiological Analysis					
1	Total Coliform	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
2	E - Coli	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
Chemical Analysis					
1	Colour	Hazen	IS:3025:(Part-04)	5 (max)	<1.0
2	Turbidity	NTU	IS:3025:(Part-10)	1.0 (max)	<1.0
3	pH at 25.4°C	-	IS:3025:(Part-11)	6.5 To 8.5	7.29
4	Residual free chlorine	mg/L	IS:3025:(Part-26)	0.2 (max)	<0.2
5	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500 (max)	271.0
6	Alkalinity Total (as CaCO ₃)	mg/L	IS:3025:(Part-23)	200 (max)	76.0
7	Total Hardness (as CaCO ₃)	mg/L	IS:3025:(Part-21)	200 (max)	160.0
8	Calcium (as Ca)	mg/L	IS:3025:(Part-40)	75 (max)	44.09
9	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30 (max)	12.15



HDD-272, PHASE III- NEAR JP CHOWK.

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

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REPORT NO. -01212

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
10	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250 (max)	22.9
11	Sulphate (as SO ₄)	mg/L	IS:3025:(Part-24)	200 (max)	28.62
12	Nitrate (NO ₃)	mg/L	APHA 24 th Ed.2023,4500-NO ₃ -B, 434	45 (max)	8.81
13	Iron (as Fe)	mg/L	IS:3025:(Part-53)	0.3 (max)	<0.1
14	Fluoride (as F)	mg/L	IS:3025:(Part-60)	1.0 (max)	<0.1
15	Manganese (as Mn)	mg/L	USEPA-SW-846:Method-7000B AAS: 1970	0.1 (max)	<0.1
16	Lead (as Pb)	mg/L	IS:3025:(Part-47)	0.01 (max)	<0.1
17	Zinc (as Zn)	mg/L	IS:3025:(Part-49)	5.0 (max)	0.14
18	Copper (as Cu)	mg/L	IS:3025:(Part-42)	0.05 (max)	<0.05
19	Aluminium (as Al)	mg/L	IS:3025:(Part-55)	0.03 (max)	<0.03
20	Chromium (as Cr)	mg/L	IS:3025:(Part-52)	0.001 (max)	<0.1

Note: mg/lit.: milligram per liter.

N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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-----End of the test report-----



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RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO		UES/TR/23-24/01212	
		LAB REF NO		UES/23-24/W/01212	
		DATE OF SAMPLING		15/02/2024	
		DATE OF RECEIPT		16/02/2024	
		DATE OF REPORT		20/02/2024	
		DATE OF ANALYSIS		START: 16/02/2024 END: 20/02/2024	
SAMPLE DETAILS					
CUSTOMER SAMPLE ID	BOREWELL NEAR DM PLANT	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023		
SAMPLE TYPE	GROUND WATER	SAMPLE CONDITION AT RECEIPT	OK		
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST		
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR		

REPORT NO. -01212

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Chemical Analysis					
21	Taste	-	IS:3025:(Part-08)	Agreeable	Agreeable
22	Odour	-	IS:3025:(Part-05)	Agreeable	Agreeable
23	Boron (as B)	mg/L	IS:3025:(Part-57)	0.5 (max)	N.D.
24	Selenium (as Se)	mg/L	IS:3025:(Part-56)	0.1 (max)	N.D.

Note: mg/lit.: milligram per liter.
N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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PH - 0771 - 4027777 / email - ultimatenviro@gmail.com

Name & Address Of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01213
LAB REF NO	UES/23-24/W/01213
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START: 16/02/2024 END: 20/02/2024

SAMPLE DETAILS

CUSTOMER SAMPLE ID	BOREWELL WATER NEAR OFFICER COLONY	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLE TYPE	GROUND WATER	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST
OTHER DETAILS	SEALED	QUANTITY RECEIVED	5 LTR

REPORT NO. -01213

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Microbiological Analysis					
1	Total Coliforms	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
2	E - Coli	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
Chemical Analysis					
1	Colour	Hazen	IS:3025:(Part-04)	5 (max)	<1.0
2	Turbidity	NTU	IS:3025:(Part-10)	1.0 (max)	<1.0
3	pH at 25.2 °C	-	IS:3025:(Part-11)	6.5 To 8.5	7.36
4	Residual free chlorine	mg/L	IS:3025:(Part-26)	0.2 (max)	<0.2
5	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500 (max)	277.0
6	Alkalinity Total (As CaCO ₃)	mg/L	IS:3025:(Part-23)	200 (max)	80.0
7	Total Hardness (as CaCO ₃)	mg/L	IS:3025:(Part-21)	200 (max)	158
8	Calcium (as Ca)	mg/L	IS:3025:(Part-40)	75 (max)	42.48
9	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30 (max)	12.64



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REPORT NO. -01213

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
10	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250 (max)	21.9
11	Sulphate (as SO ₄)	mg/L	IS:3025:(Part-24)	200 (max)	24.03
12	Nitrate (NO ₃)	mg/L	APHA 24 th Ed.2023,4500-NO ₃ -B, 434	45 (max)	8.71
13	Iron (as Fe)	mg/L	IS:3025:(Part-53)	0.3 (max)	<0.1
14	Fluoride (as F)	mg/L	IS:3025:(Part-60)	1.0 (max)	<0.1
15	Manganese (as Mn)	mg/L	USEPA-SW-846:Method-7000B AAS: 1970	0.1 (max)	<0.1
16	Lead (as Pb)	mg/L	IS:3025:(Part-47)	0.01 (max)	<0.1
17	Zinc (as Zn)	mg/L	IS:3025:(Part-49)	5.0 (max)	<0.05
18	Copper (as Cu)	mg/L	IS:3025:(Part-42)	0.05 (max)	<0.05
19	Aluminium (as Al)	mg/L	IS:3025:(Part-55)	0.03 (max)	<0.03
20	Chromium (as Cr)	mg/L	IS:3025:(Part-52)	0.001 (max)	<0.1

Note: mg/lit.: milligram per liter.

N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01213	
		LAB REF NO	UES/23-24/W/01213	
		DATE OF SAMPLING	15/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024	
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	BOREWELL WATER NEAR OFFICER COLONY	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	GROUND WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01213

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
1	Taste	-	IS:3025:(Part-08)	Agreeable	Agreeable
2	Odour	-	IS:3025:(Part-05)	Agreeable	Agreeable
3	Boron (as B)	mg/L	IS:3025:(Part-57)	0.5 (max)	N.D.
4	Selenium (as Se)	mg/L	IS:3025:(Part-56)	0.1 (max)	N.D.

Note: mg/lit.: milligram per liter.
N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771- 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/08272
		LAB REF NO	UES/23-24/N/015994-016004
		DATE OF REPORT	20/02/2024
		DATE OF SAMPLING	15/02/2024 - 16/02/2024
SAMPLE DETAILS			
MONITORING FOR	NOISE LEVEL MONITORING		
CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/NO/23-24/229, DATED: 17/03/2023		
SAMPLING LOCATION	INSIDE PLANT& OUTSIDE PLANT (AS DESCRIBED BELOW)		
SAMPLE RECEIVED ON	MONITORING AT		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	MANUFACTURER'S INSTRUCTION		
SAMPLE QUANTITY/PACKING	NOT APPLICABLE		

TEST REPORT					
LOCATION	UNIT	RESULT ON DT. 15.02.2024		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
Near Office	dB(A)	67	56	75	70
Near DM Plant	dB(A)	72	55		
Near CHP Area	dB(A)	73	60		
Turbine Floor	dB(A)	71	61		
Near Cooling Tower	dB(A)	70	56		
PA Fan - 1B	dB(A)	66	54		
LOCATION	UNIT	RESULT ON DT. 16.01.2024		LIMIT (RESIDENTIAL AREA)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
Outside Plant				55	45
Tiwarata Village (Near High School)	dB(A)	53	41		
Renki Village (Near Grampanchayat)	dB(A)	52	42		
Chainpur Village (Near DurgaPandal Shed)	dB(A)	52	42		
Ratiya Village (Near SamudayikBhavan)	dB(A)	51	41		

REMARKS: RESULTS ARE AS ABOVE

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PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01214
LAB REF NO	UES/23-24/W/01214
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START: 16/02/2024 END: 20/02/2024

SAMPLE DETAILS

CUSTOMER SAMPLE ID	NEUTRALISATION PIT (INLET)	CUSTOMER REF. NO. & DATE	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLE TYPE	EFFLUENT WATER	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	2 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	LABORATORY CHEMIST
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	3 LTR

TEST REPORT

Sr. No.	Parameter	Unit	Result	Limits as per Consent	Method Reference
1	pH at 25.4°C	-	7.31	5.5 to 9.0	IS:3025 (PART-11)
2	Total Suspended Solid	mg/L	59.0	100	IS:3025 (PART-17)
3	Chemical Oxygen Demand (COD)	mg/L	84.0	250	IS:3025 (PART-58)
4	Biological Oxygen Demand (BOD 3 Days 27°C)	mg/L	10.1	30	IS:3025 (PART-44)
5	Oil & Grease	mg/L	Present	10	IS:3025 (PART-39)

REMARKS: mg/lit.: milligram per liter

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RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

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Name & Address of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)

REPORT NO	UES/TR/23-24/01215
LAB REF NO	UES/23-24/W/01215
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

CUSTOMER SAMPLE ID	NEUTRALISATION PIT (OUTLET)	CUSTOMER REF. NO. & DATE	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023
SAMPLE TYPE	EFFLUENT WATER	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	2 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	LABORATORY CHEMIST
OTHER DETAILS	SEALED	QUANTITY RECEIVED	3 LTR

TEST REPORT

Sr. No.	Parameter	Unit	Result	Limits as per Consent	Method Reference
1	pH at 24.6°C	-	7.45	5.5 to 9.0	IS:3025 (PART-11)
2	Total Suspended Solid	mg/L	35.0	100	IS:3025 (PART-17)
3	Chemical Oxygen Demand (COD)	mg/L	52.0	250	IS:3025 (PART-58)
4	Biological Oxygen Demand (BOD 3 Days 27°C)	mg/L	8.9	30	IS:3025 (PART-44)
5	Oil & Grease	mg/L	Absent	10	IS:3025 (PART-39)

REMARKS: Mg/lit.: milligram per liter

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PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO		UES/TR/23-24/01216	
		LAB REF NO		UES/23-24/W/01216	
		DATE OF SAMPLING		15/02/2024	
		DATE OF RECEIPT		16/02/2024	
		DATE OF REPORT		20/02/2024	
		DATE OF ANALYSIS		START: 16/02/2024 END: 20/02/2024	
SAMPLE DETAILS					
CUSTOMER SAMPLE ID	STP INLET	CUSTOMER REF. NO. & DATE	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023		
SAMPLE TYPE	EFFLUENT WATER	SAMPLE CONDITION AT RECEIPT	OK		
PACKING OF SAMPLE	2 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	LABORATORY CHEMIST		
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	3 LTR		

TEST REPORT

Sr. No.	Parameter	Unit	Result	Limits as per Consent	Method Reference
1	pH at 25.4°C	-	7.47	5.5 to 9.0	IS: 3025 (PART-11)
2	Total Suspended Solid	mg/L	57.0	100	IS: 3025 (PART-17)
3	Chemical Oxygen Demand (COD)	mg/L	112	250	IS: 3025 (PART-58)
4	Biological Oxygen Demand (BOD 3 Days 27°C)	mg/L	21.5	30	IS:3025 (PART-44)
5	Oil & Grease	mg/L	Present	10	IS:3025 (PART-39)

REMARKS: mg/lit.: milligram per liter

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RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 /email - ultimatenviro@gmail.com

Name & Address of The Customer

ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)

REPORT NO	UES/TR/23-24/01217
LAB REF NO	UES/23-24/W/01217
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START: 16/02/2024 END: 20/02/2024

SAMPLE DETAILS

CUSTOMER SAMPLE ID	STP OUTLET	CUSTOMER REF. NO. & DATE	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023P
SAMPLE TYPE	EFFLUENT WATER	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	2 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	LABORATORY CHEMIST
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	3 LTR

TEST REPORT

Sr. No.	Parameter	Unit	Result	Limits as per Consent	Method Reference
1	pH at 24.6°C	-	7.39	5.5 to 9.0	IS: 3025 (PART-11)
2	Chemical Oxygen Demand (COD)	mg/L	68.0	250	IS: 3025 (PART-58)
3	Biological Oxygen Demand (BOD 3 Days 27°C)	mg/L	12.6	30	IS: 3025 (PART-44)
4	Oil & Grease	mg/L	Absent	10	IS: 3025 (PART-39)

REMARKS: Mg/lit.: milligram per liter

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PH - 0771 - 4027777 /email - ultimatenviro@gmail.com

Name & Address of The Customer

**ACB INDIA LIMITED,
2 X 50 MW POWER PLANT,
VILLAGE-RATIJA, POST-NONBIRRA
TEHSIL - PALI DISTT. - KORBA (C.G.)**

REPORT NO	UES/TR/23-24/01217
LAB REF NO	UES/23-24/W/01217
DATE OF SAMPLING	15/02/2024
DATE OF RECEIPT	16/02/2024
DATE OF REPORT	20/02/2024
DATE OF ANALYSIS	START:16/02/2024 END:20/02/2024

SAMPLE DETAILS

CUSTOMER SAMPLE ID	STP OUTLET	CUSTOMER REF. NO. & DATE	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023P
SAMPLE TYPE	EFFLUENT WATER	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	2 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	LABORATORY CHEMIST
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	3 LTR

TEST REPORT

Sr. No.	Parameter	Unit	Result	Limits as per Consent	Method Reference
5	Total Suspended Solid	mg/L	21.0	100	IS: 3025 (PART-17)

REMARKS: Mg/lit.: milligram per liter

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AUTHORIZED SIGNATORY

-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK.

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01245	
		LAB REF NO	UES/23-24/W/01245	
		DATE OF SAMPLING	15/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	ASH DYKE CORNER - 1	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	BOREWELL WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01245

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Microbiological Analysis					
1	Total Coliform	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
2	E - Coli	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
Chemical Analysis					
1	Colour	Hazen	IS:3025:(Part-04)	5 (max)	<1.0
2	Turbidity	NTU	IS:3025:(Part-10)	1.0 (max)	<1.0
3	pH at 25.4°C	-	IS:3025:(Part-11)	6.5 To 8.5	7.47
4	Residual free chlorine	mg/L	IS:3025:(Part-26)	0.2 (max)	<0.2
5	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500 (max)	346.0
6	Alkalinity Total (as CaCO ₃)	mg/L	IS:3025:(Part-23)	200 (max)	96.0
7	Total Hardness (as CaCO ₃)	mg/L	IS:3025:(Part-21)	200 (max)	168.0
8	Calcium (as Ca)	mg/L	IS:3025:(Part-40)	75 (max)	43.29
9	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30 (max)	14.58



HDD-272, PHASE III- NEAR JP CHOWK.

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REPORT NO. -01245

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
10	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250 (max)	30.9
11	Sulphate (as SO ₄)	mg/L	IS:3025:(Part-24)	200 (max)	24.49
12	Nitrate (NO ₃)	mg/L	APHA 24 th Ed.2023,4500-NO ₃ -B, 434	45 (max)	10.30
13	Iron (as Fe)	mg/L	IS:3025:(Part-53)	0.3 (max)	0.13
14	Fluoride (as F)	mg/L	IS:3025:(Part-60)	1.0 (max)	0.17
15	Manganese (as Mn)	mg/L	USEPA-SW-846:Method-7000B AAS: 1970	0.1 (max)	<0.1
16	Lead (as Pb)	mg/L	IS:3025:(Part-47)	0.01 (max)	<0.1
17	Zinc (as Zn)	mg/L	IS:3025:(Part-49)	5.0 (max)	0.16
18	Copper (as Cu)	mg/L	IS:3025:(Part-42)	0.05 (max)	<0.05
19	Aluminium (as Al)	mg/L	IS:3025:(Part-55)	0.03 (max)	<0.03
20	Chromium (as Cr)	mg/L	IS:3025:(Part-52)	0.001 (max)	<0.1

Note: mg/lit.: milligram per liter.

N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

- > The use of the report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.

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For ULTIMATE ENVIROLYTICAL SOLUTIONS

AUTHORIZED SIGNATORY

-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR. C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01245	
		LAB REF NO	UES/23-24/W/01245	
		DATE OF SAMPLING	15/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	ASH DYKE CORNER - 1	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	BOREWELL WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01245

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Chemical Analysis					
21	Taste	-	IS:3025:(Part-08)	Agreeable	Agreeable
22	Odour	-	IS:3025:(Part-05)	Agreeable	Agreeable
23	Boron (as B)	mg/L	IS:3025:(Part-57)	0.5 (max)	N.D.
24	Selenium (as Se)	mg/L	IS:3025:(Part-56)	0.1 (max)	N.D.

Note: mg/lit.: milligram per liter.
N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

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 REVIEWED BY	 AUTHORIZED SIGNATORY	For ULTIMATE ENVIROLYTICAL SOLUTIONS AUTHORIZED SIGNATORY
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-----End of the test report-----



HDD-272, PHASE III- NEAR JP CHOWK,
RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099
PH - 0771 - 4027777 | email - ultimatenviro@gmail.com

Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01246	
		LAB REF NO	UES/23-24/W/01246	
		DATE OF SAMPLING	15/02/2024	
		DATE OF RECEIPT	16/02/2024	
		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	ASH DYKE CORNER - 2	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	BOREWELL WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DEATAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Microbiological Analysis					
1	Total Coliform	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
2	E - Coli	MPN/100 ML	IS 1622: 1981: 2019	Shall not be detectable in any 100 ml sample	<2
Chemical Analysis					
1	Colour	Hazen	IS:3025:(Part-04)	5 (max)	<1.0
2	Turbidity	NTU	IS:3025:(Part-10)	1.0 (max)	<1.0
3	pH at 25.4°C	-	IS:3025:(Part-11)	6.5 To 8.5	7.53
4	Residual free chlorine	mg/L	IS:3025:(Part-26)	0.2 (max)	<0.2
5	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500 (max)	351.0
6	Alkalinity Total (as CaCO ₃)	mg/L	IS:3025:(Part-23)	200 (max)	100.0
7	Total Hardness (as CaCO ₃)	mg/L	IS:3025:(Part-21)	200 (max)	174.0
8	Calcium (as Ca)	mg/L	IS:3025:(Part-40)	75 (max)	47.29
9	Magnesium (as Mg)	mg/L	APHA 24 th Ed.2023,3500-Mg-B, 274	30 (max)	13.61



HDD-272, PHASE III- NEAR JP CHOWK,

RING ROAD NO - 2, KABIR NAGAR, RAIPUR, C.G. -492099

PH - 0771 - 4027777 /email - ultimatenviro@gmail.com

REPORT NO. -01246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
10	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250 (max)	33.9
11	Sulphate (as SO ₄)	mg/L	IS:3025:(Part-24)	200 (max)	24.43
12	Nitrate (NO ₃)	mg/L	APHA 24 th Ed.2023,4500-NO ₃ -B, 434	45 (max)	9.77
13	Iron (as Fe)	mg/L	IS:3025:(Part-53)	0.3 (max)	0.18
14	Fluoride (as F)	mg/L	IS:3025:(Part-60)	1.0 (max)	0.21
15	Manganese (as Mn)	mg/L	USEPA-SW-846:Method-7000B AAS: 1970	0.1 (max)	<0.1
16	Lead (as Pb)	mg/L	IS:3025:(Part-47)	0.01 (max)	<0.1
17	Zinc (as Zn)	mg/L	IS:3025:(Part-49)	5.0 (max)	0.19
18	Copper (as Cu)	mg/L	IS:3025:(Part-42)	0.05 (max)	<0.05
19	Aluminium (as Al)	mg/L	IS:3025:(Part-55)	0.03 (max)	<0.03
20	Chromium (as Cr)	mg/L	IS:3025:(Part-52)	0.001 (max)	<0.1

Note: mg/lit.: milligram per liter.

N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE*Terms & conditions*

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AUTHORIZED SIGNATORY**End of the test report**



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Name & Address Of The Customer ACB INDIA LIMITED, 2 X 50 MW POWER PLANT, VILLAGE-RATIJA, POST-NONBIRRA TEHSIL - PALI DISTT. - KORBA (C.G.)		REPORT NO	UES/TR/23-24/01246	
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		DATE OF REPORT	20/02/2024	
		DATE OF ANALYSIS	START: 16/02/2024	END: 20/02/2024
SAMPLE DETAILS				
CUSTOMER SAMPLE ID	ASH DYKE CORNER - 2	CUSTOMER REF. NO.	ACBIL/2X50 MW/ENV/WO/23-24/229, DATED: 17/03/2023	
SAMPLE TYPE	BOREWELL WATER	SAMPLE CONDITION AT RECEIPT	OK	
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SAMPLE COLLECTED BY	CHEMIST	
OTHER DETAILS	SEALED	QUANTITY RECEIVED	5 LTR	

REPORT NO. -01246

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	ACCEPTABLE LIMIT FOR DRINKING WATER (IS 10500:2012)	RESULT
Chemical Analysis					
21	Taste	-	IS:3025:(Part-08)	Agreeable	Agreeable
22	Odour	-	IS:3025:(Part-05)	Agreeable	Agreeable
23	Boron (as B)	mg/L	IS:3025:(Part-57)	0.5 (max)	N.D.
24	Selenium (as Se)	mg/L	IS:3025:(Part-56)	0.1 (max)	N.D.

Note: mg/lit.: milligram per liter.

N.D.: Not Detected.

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-----End of the test report-----