

Format No.: UES/FORM/09

 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAB ACCREDITED & CPCB APPROVED LABORATORY</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIL NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/5, MILUPARA U/G COAL MINE,VILLAGE - MILUPARA, BLOCK-TAMNAR, DISTT. - RAIGARH (C.G.) 496107	REPORT NO	UES/TR/18-19/0771	
	LAB REF NO	UES/18-19/AAQM/771	
	DATE OF SAMPLING	11/07/2018	
	DATE OF RECEIPT	12/07/2018	
	DATE OF REPORT	26/07/2018	
	DATE OF ANALYSIS	START:13/07/2018	END:19/07/2018

SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1718/0125, DTD. 02.08.2017
SAMPLING LOCATION	MAIN OFFICE AREA, MILUPARA		
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., SO2: 30MLX1 NO. PVC BOTTLE, NO2: 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.		

TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	54	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	29	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	14	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO ₂)	µg/m ³	22	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m ³	1.2	4.0	IS 5182 (Part 10):1999, RA 2003

Note: All results are on the basis of 24 hour sampling.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- > The above analysis report refers to the particular sample received at our and the use of the report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.

	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY

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

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 Ultimate ENVIROLYTICAL SOLUTIONS NEW AGE TESTED & CERTIFIED LABORATORY	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/5, MILUPARA U/G COAL MINE,VILLAGE - MILUPARA, BLOCK-TAMNAR, DISTT. - RAIGARH (C.G.) 496107		REPORT NO UES/TR/18-19/0772
		LAB REF NO UES/18-19/AAQM/772
		DATE OF SAMPLING 11/07/2018
		DATE OF RECEIPT 12/07/2018
		DATE OF REPORT 26/07/2018
		DATE OF ANALYSIS START:13/07/2018 END:16/07/2018
SAMPLE DETAILS		
MONITORING FOR AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE M/PO/SRV/1718/0125, DTD. 02.08.2017	
SAMPLING LOCATION STAFF QUARTER, MILUPARA		
DURATION OF SAMPLING 24 HOURS	SAMPLE COLLECTED BY LABORATORY CHEMIST	
SAMPLING PROCEDURE AS PER METHOD REFERENCE		
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM ₁₀): LXI NO., FILTER PAPER (PM _{2.5}): LXI NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: LXI NO.	

TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	50	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	28	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	13	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO ₂)	µg/m ³	19	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m ³	0.9	4.0	IS 5182 (Part 10):1999, RA 2003

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 Ultimate ENVIROLYTICAL SOLUTIONS NAB ACCREDITED & CPCB APPROVED LABORATORY	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/5, MILUPARA U/G COAL MINE,VILLAGE - MILUPARA, BLOCK-TAMNAR, DISTT. - RAIGARH (C.G.) 496107		REPORT NO UES/TR/18-19/0773
		LAB REF NO UES/18-19/AAQM/773
		DATE OF SAMPLING 12/07/2018
		DATE OF RECEIPT 13/07/2018
		DATE OF REPORT 26/07/2018
		DATE OF ANALYSIS START:14/07/2018 END:16/07/2018
SAMPLE DETAILS		
MONITORING FOR AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE M/PO/SRV/1718/0125, DTD. 02.08.2017	
SAMPLING LOCATION HIL COLONY, KONDHEL		
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



SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	68	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	34	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	19	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO ₂)	µg/m ³	29	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m ³	2.1	4.0	IS 5182 (Part 10):1999, RA 2003

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAB ACCREDITED & CPCB APPROVED LABORATORY</small>	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

<i>Name & Address Of The Customer</i>		REPORT NO	UES/TR/18-19/0774	
TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/5, MILUPARA U/G COAL MINE,VILLAGE - MILUPARA, BLOCK-TAMNAR, DISTT. - RAIGARH (C.G.) 496107		LAB REF NO	UES/18-19/AAQM/774	
		DATE OF SAMPLING	12/07/2018	
		DATE OF RECEIPT	13/07/2018	
		DATE OF REPORT	26/07/2018	
		DATE OF ANALYSIS	START:14/07/2018	END:16/07/2018
		SAMPLE DETAILS		
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1718/0125, DTD. 02.08.2017	
SAMPLING LOCATION	RTP AREA , KONDEKEL			
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

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	53	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	24	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	14	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO ₂)	µg/m ³	24	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m ³	1.2	4.0	IS 5182 (Part 10):1999, RA 2003

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