

Format No.: UES/FORM/09

 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAE 2013/2015/2017/2018/2019/2020/2021</small>	HDD-272, PHASE III - NEAR JP CHOWK, BUNG ROAD NO -2, KAHIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496 107	REPORT NO	UES/TR/II/18-19/0010	
	LAB REF NO	UES/18-19/AAQM/010	
	DATE OF SAMPLING	11/04/2018	
	DATE OF RECEIPT	12/04/2018	
	DATE OF REPORT	18/04/2018	
	DATE OF ANALYSIS	START:12/04/2018	END:16/04/2018
	SAMPLE DETAILS		
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	N/PO/SRV/1718/0115, dtd. 02.08.2017
SAMPLING LOCATION	OFFICE AREA, BANJIKROL		
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	32	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	24	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO ₂)	µg/m ³	38	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO)	mg/m ³	2.0	30	IS 5182 (Part 10): 1999, RA 2003
6	Arsenic (as As)	ng/m ³	N.D.	6	EPA Method IO-3.2
7	Nickel (as Ni)	ng/m ³	0.46	20	EPA Method IO-3.2
8	Mercury (as Hg)	ng/m ³	N.D.	-	EPA Method IO-5
9	Cadmium (as Cd)	ng/m ³	0.05	-	EPA Method IO-3.2
10	Chromium (as Cr)	ng/m ³	N.D.	-	EPA Method IO-3.2

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

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.

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

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAE FOR AIR, WATER & SOIL MONITORING</small>	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KAHIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE,VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496 107	REPORT NO	UES/TR/II/18-19/0011	
	LAB REF NO	UES/18-19/AAQM/011	
	DATE OF SAMPLING	11/04/2018	
	DATE OF RECEIPT	12/04/2018	
	DATE OF REPORT	18/04/2018	
	DATE OF ANALYSIS	START: 12/04/2018	END: 16/04/2018

SAMPLE DETAILS			
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1718/0115, dtd. 02.08.2017
SAMPLING LOCATION	ETP AREA, BANJIKHOL		
DURATION OF SAMPLING	24 HOURS	SAMPLE COLLECTED BY	LABORATORY CHEMIST
SAMPLING PROCEDURE	AS PER METHOD REFERENCE		
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM ₁₀): LX1 NO., FILTER PAPER (PM _{2.5}): LX1 NO. SO ₂ : 30MLX1 NO. PVC BOTTLE, NO ₂ : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: LX1 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	72	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	38	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	32	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO)	mg/m ³	2.3	4.0	IS 5182 (Part 10): 1999, RA 2003
6	Arsenic (as As)	ng/m ³	N.D.	6	EPA Method IO-3.2
7	Nickel (as Ni)	ng/m ³	0.67	20	EPA Method IO-3.2
8	Mercury (as Hg)	ng/m ³	N.D.	-	EPA Method IO-5
9	Cadmium (as Cd)	ng/m ³	0.07	-	EPA Method IO-3.2
10	Chromium (as Cr)	ng/m ³	N.D.	-	EPA Method IO-3.2

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

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

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAE 2013/2015/2017/2018/2019/2020/2021</small>	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KAHIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE,VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496 107.		REPORT NO UES/TR/II/18-19/0012
		LAB REF NO UES/18-19/AAQM/012
		DATE OF SAMPLING 12/04/2018
		DATE OF RECEIPT 13/04/2018
		DATE OF REPORT 18/04/2018
		DATE OF ANALYSIS START:13/04/2018 END:17/04/2018
SAMPLE DETAILS		
MONITORING FOR AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE N/PO/SRV/1718/0115, dtd. 02.08.2017	
SAMPLING LOCATION OFFICE AREA, BANKHETA		
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 (PM_{2.5}): 1X1 NO. SO₂: 30MLX1 NO. PVC BOTTLE, NO₂: 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.		

TEST REPORT					
S.R. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	78	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	36	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	20	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	2.0	4.0	IS 5182 (Part 10):1999, RA 2003
6	Arsenic (as As)	ng/m ³	N.D.	6	EPA Method IO-3.2
7	Nickel (as Ni)	ng/m ³	0.49	20	EPA Method IO-3.2
8	Mercury (as Hg)	ng/m ³	N.D.	-	EPA Method IO-5
9	Cadmium (as Cd)	ng/m ³	0.03	-	EPA Method IO-3.2
10	Chromium (as Cr)	ng/m ³	N.D.	-	EPA Method IO-3.2

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 Ultimate ENVIRONMENTAL SOLUTIONS <small>NAE FOR AIR, WATER & SOIL ANALYSIS</small>	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KAHIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE,VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496 107		REPORT NO UES/TR/II/18-19/0013
		LAB REF NO UES/18-19/AAQM/013
		DATE OF SAMPLING 12/04/2018
		DATE OF RECEIPT 13/04/2018
		DATE OF REPORT 18/04/2018
		DATE OF ANALYSIS START: 13/04/2018 END: 17/04/2018
SAMPLE DETAILS		
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE N/PO/SRV/1718/0115, dtd. 02.08.2017
SAMPLING LOCATION	PIT OFFICE AREA, BANKHETA	
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	62	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	30	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO ₂)	µg/m ³	11	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	2.2	4.0	IS 5182 (Part 10): 1999, RA 2003
6	Arsenic (as As)	ng/m ³	N.D.	6	EPA Method IO-3.2
7	Nickel (as Ni)	ng/m ³	0.57	20	EPA Method IO-3.2
8	Mercury (as Hg)	ng/m ³	N.D.	-	EPA Method IO-5
9	Cadmium (as Cd)	ng/m ³	0.07	-	EPA Method IO-3.2
10	Chromium (as Cr)	ng/m ³	N.D.	-	EPA Method IO-3.2

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

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