

Format No.: UES/FORM/09

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

<b>Name &amp; Address Of The Customer</b> <b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/5, MILUPARA U/G</b> <b>COAL MINE, VILLAGE - MILUPARA,</b> <b>BLOCK-TAMNAR,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>	REPORT NO	UES/TR/18-19/01087	
	LAB REF NO	UES/18-19/AAQM/1087	
	DATE OF SAMPLING	18/08/2018	
	DATE OF RECEIPT	19/08/2018	
	DATE OF REPORT	30/08/2018	
	DATE OF ANALYSIS	START:20/08/2018	END:22/08/2018

## SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1819/0084, DTD. 07.08.2018
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 <sub>10</sub> )	µg/m <sup>3</sup>	54	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	26	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	18	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	24	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m <sup>3</sup>	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 &amp; conditions

- The above analysis report refers to the particular sample received at our end 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.
- This is for information as the party has asked for above test(s) only.

	For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----

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

<b>Name &amp; Address Of The Customer</b> <b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/5, MILUPARA U/G</b> <b>COAL MINE,VILLAGE - MILUPARA,</b> <b>BLOCK-TAMNAR,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>		REPORT NO	UES/TR/18-19/01088	
		LAB REF NO	UES/18-19/AAQM/1088	
		DATE OF SAMPLING	18/08/2018	
		DATE OF RECEIPT	19/08/2018	
		DATE OF REPORT	30/08/2018	
		DATE OF ANALYSIS	START:20/08/2018	END:22/08/2018
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1819/0084, DTD. 07.08.2018	
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 <sub>10</sub> ): LXI NO., FILTER PAPER (PM <sub>2.5</sub> ): LXI NO. SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 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 <sub>10</sub> )	µg/m <sup>3</sup>	52	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	20	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	18	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m <sup>3</sup>	1.2	4.0	IS 5182 (Part 10):1999, RA 2003

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

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	For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----

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

<b>Name &amp; Address Of The Customer</b>		REPORT NO	UES/TR/18-19/01089	
<b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/5, MILUPARA U/G</b> <b>COAL MINE,VILLAGE - MILUPARA,</b> <b>BLOCK-TAMNAR,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>		LAB REF NO	UES/18-19/AAQM/1089	
		DATE OF SAMPLING	18/08/2018	
		DATE OF RECEIPT	19/08/2018	
		DATE OF REPORT	30/08/2018	
		DATE OF ANALYSIS	START: 20/08/2018	END: 22/08/2018
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/PO/SRV/1819/0084, DTD. 07.08.2018	
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 <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO. SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 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 <sub>10</sub> )	µg/m <sup>3</sup>	64	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	22	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	30	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m <sup>3</sup>	2.2	4.0	IS 5182 (Part 10): 1999, RA 2003

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

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

<b>Name &amp; Address Of The Customer</b> <b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/5, MILUPARA U/G</b> <b>COAL MINE, VILLAGE - MILUPARA,</b> <b>BLOCK-TAMNAR,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>		<b>REPORT NO</b> UES/TR/18-19/01090
		<b>LAB REF NO</b> UES/18-19/AAQM/1090
		<b>DATE OF SAMPLING</b> 18/08/2018
		<b>DATE OF RECEIPT</b> 19/08/2018
		<b>DATE OF REPORT</b> 30/08/2018
		<b>DATE OF ANALYSIS</b> START:20/08/2018      END:22/08/2018
<b>SAMPLE DETAILS</b>		
<b>MONITORING FOR</b> AMBIENT AIR QUALITY MONITORING	<b>CUSTOMER REF. NO. &amp; DATE</b> M/PO/SRV/1819/0084, DTD. 07.08.2018	
<b>SAMPLING LOCATION</b> STF AREA , KONDREL		
<b>DURATION OF SAMPLING</b> 24 HOURS	<b>SAMPLE COLLECTED BY</b> LABORATORY CHEMIST	
<b>SAMPLING PROCEDURE</b> AS PER METHOD REFERENCE		
<b>SAMPLE QUANTITY/PACKING</b>	FILTER PAPER (PM <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO. SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 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 <sub>10</sub> )	µg/m <sup>3</sup>	56	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I
2	Particulate Matter size less than 2.5 microns (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	26	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	22	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	28	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO) *	mg/m <sup>3</sup>	1.6	4.0	IS 5182 (Part 10):1999, RA 2003

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

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