

Format No.: UES/FORM/09

 <b>Ultimate</b> ENVIRONMENTAL 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	

<b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/4, COAL MINE,</b> <b>VILLAGE - BANKHETA,</b> <b>POST -MILUPARA,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>	REPORT NO	UES/TR/II/18-19/0230	
	LAB REF NO	UES/18-19/AAQM/230	
	DATE OF SAMPLING	10/05/2018	
	DATE OF RECEIPT	11/05/2018	
	DATE OF REPORT	16/05/2018	
	DATE OF ANALYSIS	START:12/05/2018	END:15/05/2018
<b>SAMPLE DETAILS</b>			
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 <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>	72	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>	36	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	28	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	42	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	2.4	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 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.

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

Format No.: UES/FORM/09

 <b>Ultimate</b> ENVIROLYTICAL SOLUTIONS MAKE POLLUTION CONTROL SIMPLE AND AFFORDABLE	HDD-272, PHASE III - NEAR JP CHOWK, RING ROAD NO -2, KAHIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

<b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/4, COAL</b> <b>MINE,VILLAGE - BANKHETA,</b> <b>POST -MILUPARA,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>	REPORT NO	UES/TR/II/18-19/0231	
	LAB REF NO	UES/18-19/AAQM/231	
	DATE OF SAMPLING	10/05/2018	
	DATE OF RECEIPT	11/05/2018	
	DATE OF REPORT	16/05/2018	
	DATE OF ANALYSIS	START: 12/05/2018	END: 15/05/2018

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 <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>	68	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>	13	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>	1.9	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>

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

Format No.: UES/FORM/09

 <b>Ultimate</b> ENVIROLYTICAL SOLUTIONS <small>NAE FOR AIR, WATER &amp; 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	

<b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/4, COAL</b> <b>MINE,VILLAGE - BANKHETA,</b> <b>POST -MILUPARA,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>	REPORT NO	UES/TR/II/18-19/0232	
	LAB REF NO	UES/18-19/AAQM/232	
	DATE OF SAMPLING	10/05/2018	
	DATE OF RECEIPT	11/05/2018	
	DATE OF REPORT	16/05/2018	
	DATE OF ANALYSIS	START: 12/05/2018	END: 15/05/2018

## SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/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 (PM <sub>2.5</sub> ): LXI NO., FILTER PAPER (PM <sub>10</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>	82	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>	42	60	Instrument Manufacturer Operating Instructions.
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	26	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	37	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	2.1	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 ULTIMATE ENVIROLYTICAL SOLUTIONS
	 <b>AUTHORIZED SIGNATORY</b>

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

Format No.: UES/FORM/03

 <b>Ultimate</b> ENVIROLYTICAL SOLUTIONS <small>NAE TOI METHODS &amp; C&amp;M&amp;W/INDIA/2018/20</small>	HDD-272, PHASE III - NEAR JP CHOWK, BING ROAD NO -2, KABIL NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimateenviro@gmail.com	

<b>Name &amp; Address Of The Customer</b>  <b>TO,</b> <b>HINDALCO INDUSTRIES LIMITED,</b> <b>GARE PALMA - IV/4, COAL</b> <b>MINE,VILLAGE - BANKHETA,</b> <b>POST -MILUPARA,</b> <b>DISTT. - RAIGARH (C.G.) 496107</b>	REPORT NO	UES/TR/II/18-19/0233	
	LAB REF NO	UES/18-19/AAQM/233	
	DATE OF SAMPLING	10/05/2018	
	DATE OF RECEIPT	11/05/2018	
	DATE OF REPORT	16/05/2018	
	DATE OF ANALYSIS	START: 12/05/2018	END: 15/05/2018

## SAMPLE DETAILS

MONITORING FOR	AMBIENT AIR QUALITY MONITORING	CUSTOMER REF. NO. & DATE	M/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 <sub>2.5</sub> ): LX1 NO., FILTER PAPER (PM <sub>10</sub> ): LX1 NO. SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 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 <sub>10</sub> )	µg/m <sup>3</sup>	78	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>	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>	24	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	2.5	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 ULTIMATE ENVIROLYTICAL SOLUTIONS   <b>AUTHORIZED SIGNATORY</b>

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