



# POLLUTION AND PROJECT CONSULTANTS

ENVIRONMENTAL POLLUTION CONTROL - Air, Effluent, Pharmaceuticals & Chemical Project Engineers. EIA & Disaster Management Study

FORMAT NO.: PPC/FM/68 ISSUE NO.: 03 ISSUE Dt.: 01/01/2017 (Rev No.:02 Rev. Dt.: 28/05/2018)

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## TEST REPORT

### AMBIENT AIR

Customer Name	: M/s. Bokaro Power Supply Company (P) Ltd.,			Report No.	: G/22(07)/33	
Address	: Bokaro Steel City, Bokaro, Jharkhand			Report Date	: 28-07-2022	
Type of Sample	: Ambient Air			Sampling Date	: 20-21/07/2022	
Sampling Location	: Near ESP Control Room			Sample Received Date	: 24-07-2022	
				Sample Id No.	: GA/22(07)/33	
				Test Start Date	: 24-07-2022	
				Test End Date	: 28-07-2022	
: Environmental Condition : Clear						
Average Temperature (°C) : 32		Average Relative Humidity (%) : 79		Barometric Pressure (mm Hg) : 755		
Sl. No.	Parameters	Unit	Standard	Result	Standard Ref. Methods	Time Weighted Average
1	Particulate Matter <sub>10</sub> (PM <sub>10</sub> )	(µg/m <sup>3</sup> )	100	57.5	IS:5182 (Part -23):2006 (RA 2017)	24 Hours
2	Particulate Matter <sub>2.5</sub> (PM <sub>2.5</sub> )	(µg/m <sup>3</sup> )	60	39.8	In house method SOP No. SOP/02/02, Issue No. 02 Dated. 02/04/2015 (prepared based on CPCB Guidelines)	24 Hours
3	Sulphur Di-Oxides (SO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	20.4	IS:5182 (Part -2):2001 (RA 2017)	24 Hours
4	Nitrogen Di-Oxides (NO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	37.5	IS:5182 (Part - 6):2006 (RA 2017)	24 Hours

The results relate only to the parameters tested

....end of report...



*Tanmoy Chakrabarty*  
Tanmoy Chakrabarty  
Quality Manager

Authorised Signatory  
For Pollution And Project Consultants

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## TEST REPORT

### AMBIENT AIR

<b>Customer Name</b> : M/s. Bokaro Power Supply Company (P) Ltd.,		<b>Report No.</b> : G/22(07)/34				
<b>Address</b> : Bokaro Steel City, Bokaro, Jharkhand		<b>Report Date</b> : 28-07-2022				
<b>Type of Sample</b> : Ambient Air		<b>Sampling Date</b> : 20-21/07/2022				
<b>Sampling Location</b> : Near WCTP Area		<b>Sample Received Date</b> : 24-07-2022				
		<b>Sample Id No.</b> : GA/22(07)/34				
		<b>Test Start Date</b> : 24-07-2022				
		<b>Test End Date</b> : 28-07-2022				
: Environmental Condition : Clear						
Average Temperature (°C) : 32		Average Relative Humidity (%) : 79				
Barometric Pressure (mm Hg) : 755						
Sl. No.	Parameters	Unit	Standard	Result	Standard Ref. Methods	Time Weighted Average
1	Particulate Matter <sub>10</sub> (PM <sub>10</sub> )	(µg/m <sup>3</sup> )	100	63.7	IS:5182 (Part -23):2006 (RA 2017)	24 Hours
2	Particulate Matter <sub>2.5</sub> (PM <sub>2.5</sub> )	(µg/m <sup>3</sup> )	60	41.2	In house method SOP No. SOP/02/02, Issue No. 02 Dated. 02/04/2015 (prepared based on CPCB Guidelines)	24 Hours
3	Sulphur Di-Oxides (SO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	22.5	IS:5182 (Part -2):2001 (RA 2017)	24 Hours
4	Nitrogen Di-Oxides (NO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	30.5	IS:5182 (Part - 6):2006 (RA 2017)	24 Hours

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LABORATORY FOR ANALYSIS OF AIR, WATER, EFFLUENT, SOIL, SLUDGE, SOLIDWASTE, COAL, ORE. ETC.

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**TEST REPORT**

**AMBIENT AIR**

<b>Customer Name</b> : M/s. Bokaro Power Supply Company (P) Ltd., <b>Address</b> : Bokaro Steel City, Bokaro, Jharkhand  <b>Type of Sample</b> : Ambient Air <b>Sampling Location</b> : Near CHP Area	<b>Report No.</b> : G/22(07)/35 <b>Report Date</b> : 28-07-2022 <b>Sampling Date</b> : 21-22/07/2022 <b>Sample Received Date</b> : 24-07-2022 <b>Sample Id No.</b> : GA/22(07)/35 <b>Test Start Date</b> : 24-07-2022 <b>Test End Date</b> : 28-07-2022					
: Environmental Condition : Clear Average Temperature (°C) : 31.7      Average Relative Humidity (%) : 79      Barometric Pressure (mm Hg) : 755						
Sl. No.	Parameters	Unit	Standard	Result	Standard Ref. Methods	Time Weighted Average
1	Particulate Matter <sub>10</sub> (PM <sub>10</sub> )	(µg/m <sup>3</sup> )	100	74.2	IS:5182 (Part -23):2006 (RA 2017)	24 Hours
2	Particulate Matter <sub>2.5</sub> (PM <sub>2.5</sub> )	(µg/m <sup>3</sup> )	60	50.8	In house method SOP No. SOP/02/02, Issue No. 02 Dated. 02/04/2015 (prepared based on CPCB Guidelines)	24 Hours
3	Sulphur Di-Oxides (SO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	24.0	IS:5182 (Part -2):2001 (RA 2017)	24 Hours
4	Nitrogen Di-Oxides (NO <sub>2</sub> )	(µg/m <sup>3</sup> )	80	42.5	IS:5182 (Part - 6):2006 (RA 2017)	24 Hours

The results relate only to the parameters tested

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