



# EMTRC CONSULTANTS PRIVATE LIMITED

EMTRC Lab: Recognized by Ministry of Environment, Forests & Climate Change, Govt. of India  
Gazette Notification SO 592 (E) 08.03.2013

Regd. Office: (For Correspondence) Tower 5/ 102(FF), CWG Vilege, Nh24, Near Akshardham Temple, Delhi-110092

Phone: 98100 32481, 011-2121 1228, E-mail: emtrcjk@gmail.com, Website: www.emtrc.com

CIN: U51909DL2002PTC114840, GSTN: 07AABCE0945N1Z1, PAN: AABCE0945N

## TEST REPORT

Dated: 28.05.2018

Report No. : EMTRC/09/2018  
Issued To : MB POWER (Madhya Pradesh) Limited  
Jaithari, Anuppur, Madhya Pradesh-484224  
No. of Pages : 1 of 1  
Nature of Sampling : 24-hours Ambient Air Quality  
Type of Sample : Ambient Air  
Sampling Location : Jaithari Village  
Sample Collected by : Scientist of EMTRC

	Parameter	Unit	Location	
			RESULTS	National Standard (GSR 826 (E) 16-11-2009)
Date of Monitoring			22.05.2018	
1	PM <sub>10</sub>	µg/m <sup>3</sup>	80	100 (24-hours average)
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	47	60 (24-hours average)
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	8.8	80 (24-hours average)
4	Nitrogen dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	17.4	80 (24-hours average)
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.24	4 (1-hours average)
6	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	32	180 (1-hours average)
7	Benzene	µg/m <sup>3</sup>	<0.5 (BDL)	05 (Annual average)
8	Benzo(a)Pyrene	ng/m <sup>3</sup>	<0.1 (BDL)	01 (Annual average)
9	Arsenic (As)	ng/m <sup>3</sup>	<0.5 (BDL)	06 (Annual average)
10	Nickel (Ni)	ng/m <sup>3</sup>	2.4	20 (Annual average)
11	Lead (Pb)	µg/m <sup>3</sup>	0.08	1 (24-hours average)
12	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	38	400 (24-hours average)



  
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Nature of Sampling : 24-hours Ambient Air Quality  
Type of Sample : Ambient Air  
Sampling Location : Belia Village  
Sample Collected by : Scientist of EMTRC

	Parameter	Unit	Location	
			RESULTS	National Standard (GSR 826 (E) 16-11-2009)
Date of Monitoring			23.05.2018	
1	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100 (24-hours average)
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60 (24-hours average)
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	6.2	80 (24-hours average)
4	Nitrogen dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	12.8	80 (24-hours average)
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.14	4 (1-hours average)
6	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	28	180 (1-hours average)
7	Benzene	µg/m <sup>3</sup>	<0.5 (BDL)	05 (Annual average)
8	Benzo(a)Pyrene	ng/m <sup>3</sup>	<0.1 (BDL)	01 (Annual average)
9	Arsenic (As)	ng/m <sup>3</sup>	<0.5 (BDL)	06 (Annual average)
10	Nickel (Ni)	ng/m <sup>3</sup>	1.2	20 (Annual average)
11	Lead (Pb)	µg/m <sup>3</sup>	0.04	1 (24-hours average)
12	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	26	400 (24-hours average)



  
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Nature of Sampling : 24-hours Ambient Air Quality  
Type of Sample : Ambient Air  
Sampling Location : Guwari Village  
Sample Collected by : Scientist of EMTRC

	Parameter	Unit	Location	
			RESULTS	National Standard (GSR 826 (E) 16-11-2009)
Date of Monitoring			24.05.2018	
1	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100 (24-hours average)
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60 (24-hours average)
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	6.8	80 (24-hours average)
4	Nitrogen dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	14.2	80 (24-hours average)
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.18	4 (1-hours average)
6	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	30	180 (1-hours average)
7	Benzene	µg/m <sup>3</sup>	<0.5 (BDL)	05 (Annual average)
8	Benzo(a)Pyrene	ng/m <sup>3</sup>	<0.1 (BDL)	01 (Annual average)
9	Arsenic (As)	ng/m <sup>3</sup>	<0.5 (BDL)	06 (Annual average)
10	Nickel (Ni)	ng/m <sup>3</sup>	1.8	20 (Annual average)
11	Lead (Pb)	µg/m <sup>3</sup>	0.05	1 (24-hours average)
12	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	24	400 (24-hours average)



  
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Type of Sample : Ambient Air  
Sampling Location : Amgaon Village  
Sample Collected by : Scientist of EMTRC

	Parameter	Unit	Location	
			RESULTS	National Standard (GSR 826 (E ) 16-11-2009)
Date of Monitoring			25.05.2018	
1	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100 (24-hours average)
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60 (24-hours average)
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.2	80 (24-hours average)
4	Nitrogen dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	12.5	80 (24-hours average)
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.16	4 (1-hours average)
6	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	30	180 (1-hours average)
7	Benzene	µg/m <sup>3</sup>	<0.5 (BDL)	05 (Annual average)
8	Benzo(a)Pyrene	ng/m <sup>3</sup>	<0.1 (BDL)	01 (Annual average)
9	Arsenic (As)	ng/m <sup>3</sup>	<0.5 (BDL)	06 (Annual average)
10	Nickel (Ni)	ng/m <sup>3</sup>	1.9	20 (Annual average)
11	Lead (Pb)	µg/m <sup>3</sup>	0.06	1 (24-hours average)
12	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	32	400 (24-hours average)



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