



SCIENTIFIC RESEARCH LABORATORY

Recognised By Ministry of Environment & Forest, Govt. of India

Recognised By West Bengal Pollution Control Board

Analytical & Environmental Engineering Laboratory

90, Lake East (4th Road) Santoshpur, Jadavpur, Kolkata-700075

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Annexure: I – 1/3

AMBIENT AIR QUALITY MONITORING

[FORMAT NO. SRL/FM/50]

Name & Address of the Industry	: Foundry Cluster Development Association, Foundry Park, Houli Bagan, Ranihat, Amta Road Dist.-Howrah
Sampling Location	: Open Space Near WW-I.

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

SL.NO	PARAMETERS	UNIT	RESULTS		
			09.02.2012	24.04.2012	05.06.2012
01.	Date of Sampling	--	09.02.2012	24.04.2012	05.06.2012
02.	PM ₁₀	µg/m ³	90.0	92.0	93.00
03.	PM _{2.5}	µg/m ³	38.0	29.8	48.00
04.	Sulphur dioxide (SO ₂)	µg/m ³	20.1	11.8	18.50
05.	Nitrogen Oxides (NO _x)	µg/m ³	46.6	28.0	29.70
06.	Lead (Pb)	µg/m ³	0.076	0.039	0.056
07.	Benzene (C ₆ H ₆)	µg/m ³	0.38	0.35	0.13
08.	Benzo(a)Pyrene (BaP)	ng/m ³	< 0.01	0.08	0.032
09.	Carbon monoxide (CO)	mg/m ³	1.14	0.78	0.820

NOTE: PM₁₀, PM_{2.5} & Carbon monoxide (CO) sampling was carried out for 8 hours.

For Scientific Research Laboratory

Dr. Jyotirmoy Majumdar
(Chief Executive)

- The test report shall not be reproduced, except in full, without written approval of the company.
- Results relate only to the parameters tested.
- No Repeat Analysis will be entertained after 15 days from the date of sampling.



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Annexure: I – 2/3

AMBIENT AIR QUALITY MONITORING

[FORMAT NO. SRL/FM/50]

Name & Address of the Industry	: Foundry Cluster Development Association, Foundry Park, Houli Bagan, Ranihati, Amta Road Dist.-Howrah
Sampling Location	: Open Space Near Site Office.

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

SL.NO	PARAMETERS	UNIT	RESULTS		
			09.02.2012	24.04.2012	05.06.2012
01.	Date of Sampling	--	09.02.2012	24.04.2012	05.06.2012
02.	PM ₁₀	µg/m ³	124.0	117.0	86.00
03.	PM _{2.5}	µg/m ³	58.0	41.0	42.00
04.	Sulphur dioxide (SO ₂)	µg/m ³	21.0	14.3	17.40
05.	Nitrogen Oxides (NO _x)	µg/m ³	48.0	27.0	31.10
06.	Lead (Pb)	µg/m ³	0.094	0.046	0.229
07.	Benzene (C ₆ H ₆)	µg/m ³	0.42	0.38	0.150
08.	Benzo(a)Pyrene (BaP)	ng/m ³	< 0.01	0.08	0.013
09.	Carbon monoxide (CO)	mg/m ³	1.21	0.82	0.780

NOTE: PM₁₀, PM_{2.5} & Carbon monoxide (CO) sampling was carried out for 8 hours.

For Scientific Research Laboratory

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Annexure: I – 3/3

AMBIENT AIR QUALITY MONITORING

[FORMAT NO. SRL/FM/50]

Name & Address of the Industry	: Foundry Cluster Development Association, Foundry Park, Houli Bagan, Ranihat, Amta Road Dist.-Howrah
Sampling Location	: Open Space Near WW-II.

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

SL.NO	PARAMETERS	UNIT	RESULTS		
01.	Date of Sampling	--	08.02.2012	23.04.2012	05.06.2012
02.	PM ₁₀	µg/m ³	122.0	131.0	107.00
03.	PM _{2.5}	µg/m ³	51.0	45.3	51.00
04.	Sulphur dioxide (SO ₂)	µg/m ³	19.2	13.0	19.50
05.	Nitrogen Oxides (NO _x)	µg/m ³	45.2	28.5	32.40
06.	Lead (Pb)	µg/m ³	0.136	0.054	0.025
07.	Benzene (C ₆ H ₆)	µg/m ³	0.36	0.32	0.13
08.	Benzo(a)Pyrene (BaP)	ng/m ³	< 0.01	0.12	0.037
09.	Carbon monoxide (CO)	mg/m ³	1.09	0.84	0.860

NOTE: PM₁₀, PM_{2.5} & Carbon monoxide (CO) sampling was carried out for 8hours.

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