



Mahabal Enviro Engineers Pvt. Ltd.

Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist.Nagpur – 441111

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Ambient Air Monitoring Report

Report No.	ME-NS000098-120623-AA-INDIABUL-NASHIK		Date: 23.06.2012
Name and Address of Customer	Indiabulls Realtech Ltd. (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ), Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		Order Reference Your Work Order No. 3320001083 Date: 18.11.2011
Sample Description /Type	Ambient Air	Sample Collected by	Laboratory
Sampling Location	Near IRL Office	Sample Quantity/Packing	PM ₁₀ , Bap, Metals: Filter Paper: 1 x 3No. PM _{2.5} : Filter Paper: 1 x 1No. SO ₂ : 30ml x 6 No. Plastic bottle NO ₂ : 30ml x 6 No. Plastic bottle NH ₃ : 30ml x 6 no. plastic bottle CO: Plastic bulb 1 x 3 No. Ozone: 30ml x 6 No. Plastic bottle Benzene: Charcoal tubes: 1 x 12 No. Mercury: 30 ml x 6 No. amber colour bottle
Date of Sampling	14.06.2012	Date of Receipt of Sample	14.06.2012
Sampling Procedure	As per Method Reference		
Date of Start of Analysis	16.06.2012	Date of Completion of Analysis	20.06.2012

Meteorological Data				
Average Wind velocity 1.4 km/h		Relative Humidity (Max/min) : 45/36 %		Temperature (Max/min) : 38/26 °C
Location : Near IRL Office			Duration of Survey : 24 hours	
Parameter	Result	Unit	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Sulphur Dioxide (SO ₂)	15.89	µg/m ³	80*	IS 5182 (Part 2): 2001, Reaffirmed 2006 & CPCB Guidelines
Nitrogen Dioxide (NO ₂)	16.55	µg/m ³	80*	IS 5182 (Part 6): 2006 & CPCB Guidelines
Particulate Matter (size less than 10 µm) or PM ₁₀	47	µg/m ³	100*	IS 5182 (Part 23): 2006 & CPCB Guidelines
Particulate Matter (size less than 2.5µm) or PM _{2.5}	BDL (DL: 10)	µg/m ³	60*	Fine Particulate air sampler

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QF/5.10/1-B Amend. No.00 Dt.01.8.2010

Plot No. F-7, Road No. 21, MIDC Wagle Estate, Thane West - 400604, Maharashtra
 (600 m from Hotel Rukhmini Palace Turn Opp Toyota Show Room. Next to Ashida Electrical - near J B Sawant Bus Stop)
Phone: 2582 0658/ 3139/ 1663/ 3154 Fax: 91-22-25823543 thane@mahabal.com



Report No. NS0098 cont...

Parameter	Result	Unit	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Ozone (O ₃)	30	µg/m ³	100*	APHA , Method No. 820, Page No. 836
Lead (Pb)	BDL (DL:0.02)	µg/m ³	1*	US EPA Method: EPA/625/R-96/0109/ IO-3.1, 3.2
Carbon Monoxide (CO)	N.D.	mg/m ³	4*	APHA method no.130, Page 359
Ammonia (NH ₃)	BDL (DL: 4)	µg/m ³	400*	APHA method no. 401, Page 511
Benzene (C ₆ H ₆)	BDL (DL:1)	µg/m ³	5**	IS 5182 (Part 11):2006
Benzo (a) Pyrene (BaP) – particulate phase only	BDL (DL:0.5)	ng/m ³	1**	IS 5182 (Part 12):2004
Arsenic (As)	0.88	ng/m ³	6**	US EPA Method: EPA/625/R-96/0109/ IO-3.1, 3.2
Nickel (Ni)	BDL (DL:3)	ng/m ³	20**	US EPA Method: EPA/625/R-96/0109/ IO-3.1, 3.2
Mercury	N.D.	ng/m ³	-	APHA Method No. 318, Page no. 492
Remark: ND – Not Detected BDL - Below Detection Limit, DL - Detection Limit, TWA - Time Weighted Average. *- Denotes Grab Sampling, #- NAAQS specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM ₁₀ , PM _{2.5} , Lead and Ammonia, 8 hours TWA in case of Carbon Monoxide, 1 hour TWA in case of Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.				

-END-

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



Note:

- The result listed refers only to the tested sample(s) and applicable parameter(s).
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