

## Ecomen Laboratories Pvt. Ltd

An approved Laboratory from Ministry of Environment and Forest, Govt. of India, New Delhi  
Flat Nos. 5-8 2<sup>nd</sup> floor, Arif Chamber-V  
Sector H, Aliganj, Lucknow-226024 (U.P.)

Month: Nov. 2009

### Ambient Air Quality Report (Monthly)

Clinker Unit Narsingharh, (Prop. Heidelberg Cement India Limited.) ( Location : No.1)						
AAQM Station	Value	RSPM ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )	CO ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
Near Hospital	Min.	75	237	300	15.1	22.4
	Max.	90	306	700	27.9	34.6
Near Env. Lab	Min.	70	254	400	16.2	22.6
	Max.	91	315	800	28.4	34.6
Near Guest House	Min.	71	253	200	15.5	24.0
	Max.	91	324	800	25.9	33.7
Near Worker Colony	Min.	74	257	200	15.5	22.1
	Max.	89	302	700	27.2	30.7

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### Ambient Air Quality Report (Monthly)

Grinding Unit Imlai, (Prop. Heidelberg Cement India Limited.) (Location No. -2)						
AAQM Station	Value	RSPM ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )	CO ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
Near Admin Bld.	Min.	74	239	300	15.5	22.4
	Max.	94	323	700	23.9	34.6
Near Worker Colony	Min.	70	249	400	16.0	23.3
	Max.	90	313	800	25.9	34.6
Near Railway Siding	Min.	86	292	300	14.4	23.1
	Max.	98	338	800	25.9	33.7
Near Staff Colony	Min.	75	259	400	15.4	21.0
	Max.	90	306	800	23.9	29.7

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### Ambient Air Quality Report (Monthly)

Lime Stone Mines Patharia, (Prop. Heidelberg Cement India Limited.) ( Location No. 3)						
AAQM Station	Value	RSPM ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )	CO ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NOx ( $\mu\text{g}/\text{m}^3$ )
Near Main Office	Min.	70	234	300	14.4	22.4
	Max.	85	290	900	23.9	33.7
Near Soil Dump	Min.	67	232	300	15.6	23.7
	Max.	79	289	900	25.2	33.7
Near Mine Pit	Min.	70	253	400	14.0	12.4
	Max.	82	290	800	25.9	33.7
Near Temple	Min.	71	253	400	15.4	22.3
	Max.	84	297	800	23.9	31.9

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### Ambient Air Quality Report (Monthly)

Lime Stone Mines Narsinghgarh, (Prop. Heidelberg Cement India Limited.) (Location No -4)						
AAQM Station	Value	RSPM ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )	CO ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NOx ( $\mu\text{g}/\text{m}^3$ )
Near Mine Office	Min.	67	230	300	15.1	24.0
	Max.	83	293	800	23.9	34.6
Near Weigh Bridge	Min.	64	244	400	16.7	23.7
	Max.	83	291	700	25.9	34.6
Near Site Office	Min.	69	241	300	14.6	23.6
	Max.	84	291	800	25.9	33.7
Near Mine Pit	Min.	71	250	300	15.4	21.7
	Max.	84	295	800	23.3	30.1

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