

PRESS RELEASE

Status of Ambient Air Quality and Noise Levels during Bharat Bandh called on 5.7.2010

Bharat Bandh was observed on 5.7.2010. To know the impact of Bandh on Noise and Air Quality, Noise and Ambient Air Quality monitoring was carried out in Bangalore City at selected places. The monitored data is as follows

Ambient Air Quality status (CAAQM at City Railway Station)					
SI No	Parameters	NAAQ Standards	Average values on Normal day	Average values on Bandh day 5.7.2010	% reduction of pollutants by
1	SO ₂ µg/m ³	80	18.5	14.5	22 %
2	NO _x µg/m ³	80	148	34.02	77 %
3	CO mg/m ³	2.0	1.7	1.32	22 %
4	RSPM µg/m ³	100	60	39.3	35 %
Yeshwanthpur Police station					
1	SO ₂ µg/m ³	80	15.5	9.1	41 %
2	NO _x µg/m ³	80	31.0	18.6	40 %
3	RSPM µg/m ³	100	170.0	111.0	34 %
4	SPM µg/m ³	200	317.0	170.0	46 %
AMCO Batteries , Mysore Road					
1	SO ₂ µg/m ³	80	14.0	9.3	33.5 %
2	NO _x µg/m ³	80	30.8	15.5	50 %
3	RSPM µg/m ³	100	62.0	24.0	61 %
4	SPM µg/m ³	200	95.0	81.0	14 %
Graphite India , White Field					
1	SO ₂ µg/m ³	120	15.3	10.5	31 %
2	NO _x µg/m ³	120	30.8	18.7	39 %
3	RSPM µg/m ³	150	129.0	35.0	72 %
4	SPM µg/m ³	500	257.0	149.0	42 %
Indira Gandhi Institute of Child Health					
1	SO ₂ µg/m ³	30	12.1	7.4	39 %
2	NO _x µg/m ³	30	28.2	17.4	38.3
3	RSPM µg/m ³	75	41.0	28.0	32 %
4	SPM µg/m ³	100	84.0	64.0	24 %
Central Silk Board Junction					
1	SO ₂ µg/m ³	80	14.2	8.3	41 %
2	NO _x µg/m ³	80	27.9	15.0	46 %
3	RSPM µg/m ³	100	85.0	47.0	45 %

4	SPM $\mu\text{g}/\text{m}^3$	200	252.0	125.0	50.4 %
---	------------------------------	-----	-------	-------	---------------

Noise level in Bangalore city					
Sl .No	Place of monitoring	NAN standards	Average values on Normal day	Average values on Bnadh Day on 5.7.2010	% reduction of Noise level by
1	Jaibharath Industrial Area	75 dB(A)	75.0	49.6	33 %
2	Malleswaram	55 dB(A)	85.5	60.4	29 %
3	Bangalore city Railways station	65 dB(A)	81.8	62.8	23 %
4	KSRTC Bus Stand	65 dB(A)	90.0	57.4	36 %

- Noise and Air quality monitoring was carried at six locations comprising Industrial area, residential, rural and other area and sensitive area. 24 hours as per the CPCB guidelines.
- Measured pollutants in all above mentioned places (SPM, RSPM, NO_x, SO₂, and CO) have decreased by 40.6 % on Bandh day, when compared to Normal day
- Measured Noise levels in all above mentioned places have decreased by 30.25 % on Bandh day when compared to Normal day

Sd/-

MEMBER SECRETARY