

**Status of ambient air quality during “BUS DAY” on 4th Oct - 2010
observed by BMTC Bangalore monitored using Mobile Laboratory**

Karnataka State Pollution Control Board has conducted ambient air quality monitoring at Nagarabhavi Junction, Bangalore on the occasion of BUS DAY on 4th Oct - 2010 observed by Bangalore Metropolitan Corporation (BMTC) Central Office Bangalore. To check the impact of BUS DAY on air quality monitoring was conducted after the BUS DAY. The data is as follows.

**Ambient air quality status at Nagarabhavi Junction, Bangalore measured by using
Mobile Laboratory of KSPCB**

Sl No	Parameter	Standards	Before BUS DAY (1.10.2010)	During BUS DAY (4.10.2010)	After BUS DAY (5.10.2010)	% Reduction
1	SO ₂ µg/m ³	80.0	Air quality monitoring could not be carried out before Bus Day ie on 1.10.2010, because of Lucknow high court verdict on Ayodhya issue 30.9.2010	9.77	10.40	6.4%
2	NO _x µg/m ³	80.0		18.48	20.67	11.85%
3	RSPM µg/m ³	100.0		86.0	90.0	4.6%
4	CO mg/m ³	2.0		1.04	1.08	3.8%
5	O ₃ µg/m ³	100.0		4.9	5.2	6.12%

Note:

- Parameters monitored: **SO₂** : Sulphur dioxide, **NO_x** – Oxides of nitrogen, , **RSPM**- (Respirable suspended particulate matter) , **CO**- Carbon monoxide and **O₃** (Ozone)
- The measured values of SO₂ NO_x, RSPM, CO, and O₃ have not exceeded the national ambient air quality standards on both the days. However SO₂, NO_x, RSPM, CO and O₃ have decreased by 6.4, 11.85, 4.6, 3.8 and 6.12 % respectively when compare to normal day **(On 5.10.2010)**

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