



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
**Karnataka State Pollution Control Board**

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ  
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA  
NO: KSPCB/AQMC/BUS DAY/2011-12 Date: 8.6.2011

To

The Chief Traffic Manager (Opn).  
BMTC - Central Office,  
Bangalore - 560027

Sir,

**Sub:** Status of ambient air quality during "BUS DAY" on 6<sup>th</sup> June - 2011-reg.  
**Ref:** your letter No. BMTC/CO/ TR/OPN/BUS DAY /118/2011-12, dated 26.5.2011

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With reference to the above, please find herewith enclosed report of ambient air quality measured at Richmond Circle Bangalore using Mobile Laboratory on BUS DAY i e on 6th June- 2011.

Thanking you,

Yours sincerely

  
CHIEF ENVIRONMENTAL OFFICER

Copy to

1. P.A to Member Secretary for information and to bring to the kind notice of Member Secretary
2. P.A to Chairman for information and to bring to the kind notice of the Hon'ble Chairman
3. EO-c-governance cell for information and to up load the data to Board-Website

**Status of ambient air quality during "BUS DAY" on 6<sup>th</sup> June - 2011  
observed by BMTC Bangalore monitored using Mobile Laboratory**

Karnataka State Pollution Control Board has conducted ambient air quality monitoring at Richmond Circle, Bangalore on the occasion of BUS DAY on 6<sup>th</sup> of June - 2011 observed by Bangalore Metropolitan Corporation (BMTC) Central Office Bangalore. To check the impact of BUS DAY on air quality, monitoring was conducted during and after BUS DAY. The data is as follows.

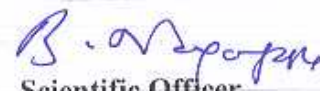
**Ambient air quality status at Richmond Circle, Bangalore measured using Mobile Laboratory of KSPCB**

Sl No	Parameter	Standards	Before BUS DAY (3.6.2011)	During BUS DAY (6.6.2011)	% Decreased	After BUS DAY (7.6.2011)	% Increased/ Decreased
1	SO <sub>2</sub> µg/m <sup>3</sup>	80.0	55.5	43.1	22.3 %	44.0	↑ 2.1 %
2	NO <sub>x</sub> µg/m <sup>3</sup>	80.0	79.3	64.2	19.0 %	65.9	↑ 2.6 %
3	RSPM µg/m <sup>3</sup>	100.0	124.0	113.0	8.9 %	116.0	↑ 2.7 %
4	CO mg/m <sup>3</sup>	2.0	2.3	2.2	4.4 %	2.2	0.0 %
5	O <sub>3</sub> µg/m <sup>3</sup>	100.0	8.1	6.9	15.4 %	7.0	↑ 1.4 %

**Note: Parameters monitored: SO<sub>2</sub>:** Sulphur dioxide, **NO<sub>x</sub>:** Oxides of nitrogen, **RSPM:** Respirable suspended particulate matter, **CO:** Carbon monoxide and **O<sub>3</sub>:** Ozone

The measured values like SO<sub>2</sub>, NO<sub>x</sub>, and O<sub>3</sub>, have not exceeded the national ambient air quality standards but RSPM and CO have exceeded the national ambient air quality standards on both the days ie before Bus Day (3.6.2011) and during Bus day (6.6.2011). However, on BUS Day the measured values like SO<sub>2</sub>, NO<sub>x</sub>, RSPM, CO and O<sub>3</sub> have decreased by 22.3 % , 19.0 % , 8.9 % , 4.4 % and 15.4 % respectively when compare to the normal day (before BUS day on 3.6.2011).

After Bus Day on (7.6.2011) the measured values of SO<sub>2</sub>, NO<sub>x</sub>, RSPM & O<sub>3</sub> have increased by 2.1, 2.6, 2.7 & 1.4 % except CO respectively when compare to Bus day on (6.6.2011).

  
Scientific Officer