

**Annual average values of air pollutants at 15 places of Bangalore City during the year- 2013-14, (Apr-2013 to Mar-2014)**

<b>Sl. No.</b>	<b>Name of the Station</b>	<b>SO2 µg/m<sup>3</sup></b>	<b>NO2 µg/m<sup>3</sup></b>	<b>RSPM µg/m<sup>3</sup></b>	<b>RSPM exceeded to the National limit of annual average</b>
1	<b>Graphite India, White Field</b>	15.0	30.0	133.0	121 %
2	K.H.B Industrial Area, Yelahanka	14.0	25.0	128.0	113 %
3	Peenya Industrial Area(Gymkhana)	15.0	30.0	123.0	105 %
4	Peenya Industrial Area (RO)	12.4	28.3	125.0	108 %
5	Yeshwanthpura Police Station	14.0	31.0	110.0	83 %
6	AMCO Batteries, Mysore Road	15.0	29.0	170.0	183 %
7	Central Silk Board , Hosur Road	15.0	30.0	175.0	191 %
8	DTDC House , Victoria Road	14.0	30.0	114.0	90 %
9	TERI Office, Domlur	6.7	9.8	58.0	Within the limit
10	Banswadi Police Station	11.0	24.3	85.0	42 %
11	Kajisonnenahalli ,	12.0	29.0	67.0	11 %
12	CAAQM City Railway Station	9.0	23.0	64.0	6 %
13	CAAQM S.G.Halli	7.0	18.0	22.0	Within the limit
	<b>Standards/National limits</b>	<b>50.0</b>	<b>40.0</b>	<b>60.0</b>	
14	Victoria Hospital	13.0	29.0	88.0	46 %
15	Indira Gandhi Children Care Institute (NIMANHS)	13.0	29.0	79.0	31 %
	<b>Standards/National limits</b>	<b>20.0</b>	<b>30.0</b>	<b>60.0</b>	

**Note:**

The Board has monitored the ambient air quality of Bangalore city at 15 locations including two Continuous Ambient Air Quality Monitoring Stations under National Ambient Air Quality Monitoring Programme (NAMP) covering Industrial Area, Mixed Urban Area and Sensitive Area. Monitoring is being carried out on twice a week 24 hourly at uniform intervals for RSPM, SO<sub>2</sub> and NO<sub>2</sub>. RSPM values have exceeded the national limit (60.0 µg/M<sup>3</sup>) in 12 places and Domaluru and S.G Halli are within the national limit, whereas SO<sub>2</sub> and NO<sub>2</sub> are within the national limit during the period 2013-2014. High levels of RSPM in Bangalore city may be due to the vehicular movement, road dust and construction activities.

**Dr. B. Nagappa**  
**Scientific Officer**

**Quarterly average values of air pollutants in Bangalore City for three quarters (April - June 2014, July-Sept-2014 and Oct- Dec -2014)**

Sl. No.	April –June 2014					July –Sept 2014				Oct- Dec 2014			
	Name of the Station	SO2 µg/m3	NO2 µg/m3	RSPM µg/m3	RSPM exceedence (%)	SO2 µg/m3	NO2 µg/m3	RSPM µg/m3	RSPM exceedence (%)	SO2 µg/m3	NO2 µg/m3	RSPM µg/m3	RSPM exceedence (%)
	<b>National limits /Standards</b>	<b>80.0</b>	<b>80.0</b>	<b>100.0</b>		<b>80.0</b>	<b>80.0</b>	<b>100.0</b>		<b>80.0</b>	<b>80.0</b>	<b>100.0</b>	
1	Graphite India, White Field	14.6	9.9	198.7	<b>98.7 %</b>	13.2	28.9	140.7	<b>40.7 %</b>	15.3	<b>42.6</b>	<b>360.6</b>	<b>260.0 %</b>
2	K.H.B Industrial Area,	14.2	29.6	117.7	<b>17.7 %</b>	12.6	28.3	101.7	<b>1.7 %</b>	11.4	<b>33.8</b>	<b>120.0</b>	<b>20.0 %</b>
3	Peenya Industrial rea	11.5	26.8	121.7	<b>21.7 %</b>	11.4	26.1	111.0	<b>11.1 %</b>	12.0	<b>27.5</b>	<b>117.0</b>	<b>17.0 %</b>
4	Peenya Industrial Area	14.5	29.8	144.7	<b>44.7 %</b>	15.0	30.3	145.7	<b>45.7 %</b>	12.0	<b>38.3</b>	<b>122.0</b>	<b>22.0%</b>
5	Yeshwanthpura Police Station	14.3	29.8	113.3	<b>13.3 %</b>	11.6	28.0	80.7	<b>Within the limit</b>	11.1	<b>37.8</b>	<b>131.0</b>	<b>31.0 %</b>
6	AMCO Batteries,	14.0	29.9	223	<b>123.0 %</b>	14.0	29.4	165.3	<b>65.3 %</b>	13.3	<b>42.4</b>	<b>206.0</b>	<b>106.0 %</b>
7	Central Silk Board Hosur	14.2	29.7	178.3	<b>78.3 %</b>	13.3	28.9	145.3	<b>45.3 %</b>	12.2	<b>37.9</b>	<b>199.0</b>	<b>99.0 %</b>
8	DTDC House , Victoria Road	13.5	29.4	146.3	<b>46.3 %</b>	11.9	28.0	110.0	<b>10.0 %</b>	11.8	<b>32.6</b>	<b>178.0</b>	<b>78.0%</b>
9	TERI Office, Domlur	7.0	10.4	57.3	<b>Within the limit</b>	6.9	10.6	58.3	<b>Within the limit</b>	5.5	<b>10.6</b>	<b>57.00</b>	<b>Within the limit</b>
10	Banswadi Police Station	10.5	25.3	84.7	<b>Within the limit</b>	10.2	25.1	77.3	<b>Within the limit</b>	10.3	<b>24.9</b>	<b>88.9</b>	<b>Within the limit</b>
11	Kajisonnenahalli	12.3	28.3	62.0	<b>Within the limit</b>	11.3	27.4	67.0	<b>Within the limit</b>	9.9	<b>23.7</b>	<b>66.0</b>	<b>Within the limit</b>
12	City Railway Station	10.3	22.7	67.3	<b>Within the limit</b>	-	-	-		-	-	-	
	<b>National limit (Sensitive</b>	<b>80</b>	<b>80</b>	<b>100</b>		<b>80</b>	<b>80</b>	<b>100</b>		<b>80</b>	<b>80</b>	<b>100</b>	

Areas)													
13	Victoria Hospital	16.3	29.6	125.0	<b>25.0 %</b>	11.2	27.4	77.0	<b>Within the limit</b>	11.1	<b>35.6</b>	<b>187.0</b>	<b>87 .0%</b>
14	Indira Gandhi Children Care Institute (NIMANHS)	13.3	29.1	106.7	<b>6.7 %</b>	11.9	27.9	124.3	<b>24.3 %</b>	11.8	<b>35.7</b>	<b>148.0</b>	<b>48.0 %</b>

**Note:**

The Board is monitoring the ambient air quality of Bangalore city under National Ambient Air Quality Monitoring Programme (NAMP) covering Industrial Area, Mixed Urban Area and Sensitive Area. Monitoring is being carried out on twice a week 24 hourly at uniform intervals for RSPM, SO<sub>2</sub> and NO<sub>2</sub>. The results of the monitoring for three quarter data viz (April, May and June 2014), ( July , Aug and Sept 2014 ) and (Oct, Nov and Dec-2014) is mentioned above .

- 1) 1<sup>st</sup> quarter monitored data of financial year (April to June2014) reveals that the RSPM values have exceeded the national standards ( 24 hours standards 100.0 µg/M3) in 10 places in the range 6.7 % to 123 % ,
- 2) 2<sup>nd</sup> quarter monitored data ( July, Aug, & Sept 2014) reveals that the RSPM has exceeded the national standards (24 hours standards 100.0 µg/M3) at 8 places in the range 4.5 % to 65 %,
- 3) 3<sup>rd</sup> quarter monitored data (Oct, Nov and Dec-2014) reveals that the RSPM has exceeded the national standards ( 24 hours standards 100.0 µg/M3) at 10 places in the range 22.0 % to 260 %,
- 4) Measured SO<sub>2</sub> & NO<sub>2</sub> values in all the quarter are within the national limit of 24 hour (SO<sub>2</sub>- 80.0 µg/M3 & NO<sub>2</sub>- 80.0µg/M3). High levels of RSPM in Bangalore city may be due to the vehicular movement, road dust and construction activities.

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**Average values of air pollutants at 13 places of Bangalore City for the month of Jan-2015, and up to 3<sup>rd</sup> week of Feb- 2015**

Sl. No.	Name of the Station	For the month of January - 2015				Up to 3 <sup>rd</sup> Week of Feb-2015			
		SO2 µg/m3	NO2 µg/m3	RSPM µg/m3	RSPM Exceedence ( %)	SO2 µg/m3	NO2 µg/m3	RSPM µg/m3	RSPM Exceedence ( %)
	<b>Standards/National limits</b>	<b>80.0</b>	<b>80.0</b>	<b>100.0</b>		<b>80.0</b>	<b>80.0</b>	<b>100.0</b>	
1	Graphite India, White Field	6.7	35.8	<b>260.0</b>	<b>160.0 %</b>	6.2	34.3	<b>220.0</b>	<b>120.0 %</b>
2	K.H.B Industrial Area, Yelahanka	6.6	25.2	<b>180.0</b>	<b>80.0 %</b>	5.7	30.5	<b>147.0</b>	<b>47.0 %</b>
3	Peenya Industrial Area(Gymkhana)	11.7	26.9	<b>119.0</b>	<b>19.0 %</b>	11.5	26.9	<b>123.0</b>	<b>23.0 %</b>
4	Peenya Industrial Area (RO)	6.5	30.2	<b>156.0</b>	<b>56.0 %</b>	5.9	33.2	<b>164.0</b>	<b>64.0 %</b>
5	Yeshwanthpura Police Station	6.6	28.0	<b>191.0</b>	<b>91.0 %</b>	5.9	31.6	<b>218.0</b>	<b>118.0 %</b>
6	AMCO Batteries, Mysore Road	6.6	29.3	<b>211.0</b>	<b>111.0 %</b>	6.0	32.8	<b>228.0</b>	<b>128.0 %</b>
7	Central Silk Board , Hosur Road	6.5	29.0	<b>244.0</b>	<b>124.0 %</b>	6.2	31.9	<b>246.0</b>	<b>146.0 %</b>
8	DTDC House , Victoria Road	6.4	30.8	<b>249.0</b>	<b>149.0 %</b>	5.8	32.1	<b>192.0</b>	<b>92.0 %</b>
9	TERI Office, Domlur	5.1	11.0	55.0	Within the limit	5.6	11.0	57.0	Within the limit
10	Banswadi Police Station	10.2	24.6	81.0	Within the limit	9.9	24.6	81.0	Within the limit
11	Kajisonnenahalli ,	5.8	21.5	90.0	Within the limit	5.3	25.3	63.0	Within the limit
12	Victoria Hospital	6.3	29.1	<b>285.0</b>	<b>185.0 %</b>	5.8	32.5	<b>244.0</b>	<b>144.0 %</b>
13	Indira Gandhi Children Care Institute (NIMANHS)	6.3	29.8	<b>147.0</b>	<b>47.0 %</b>	5.8	31.4	<b>122.0</b>	<b>22.0 %</b>

**Note:**

The Board has monitored the ambient air quality of Bangalore city at 13 locations under National Ambient Air Quality Monitoring Programme (NAMP) covering Industrial Area, Mixed Urban Area and Sensitive Area. Monitoring is being carried out on twice a week 24 hourly at uniform intervals for RSPM, SO2 and NO2. RSPM values have exceeded the national limit (100.0 µg/M3) in 10 places, whereas SO2 and NO2 are within the national limit during the month of Jan-2015 and up to 3<sup>rd</sup> week of Feb-2015 in all places. High levels of RSPM in Bangalore city may be due to the vehicular movement, road dust and construction activities.

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