Madhya Pradesh Pollution Control Board

Environment Surveillance Centre
Paryawaran Parisar, E-5, Arera Colony, Bhopal - 462 016 (M.P.)
Ph : 0755-2469180; **E-mail** : ercmppcb@nic.in ; **Web** : www.erc.mp.gov.in

No. 14 /HOPCB/ERC/2024 Bhopal, Dt: 09 / 02 /2024

To,

The Regional Officer
Regional Office,
M. P. Pollution Control Board,
Bhopal/Chhindwara/Guna/Gwalior/Indore/Jabalpur/Katni/Mandideep/
Pithampur/ Rewa/Sagar/Satna/Shahdol/Singrauli/Ujjain (M.P.)

Sub : Unsatisfactory Ambient Air Quality in Cities during the Year 2023.

Your attention is drawn to the annual ambient air quality status in cities where CAAQMS have been installed by the MPPCB for real-time monitoring. The analysis of principal pollutants shows that the gaseous parameters, SO_2 and NOx, are within the prescribed threshold limit. However, the average concentration of $PM_{2.5}$ and PM_{10} has highly exceeded the annual standard of 40 ug/m3 and 60 ug/m3 respectively during the year 2023. This ambient air quality is acceptable in no way owing to its adverse health impact. A detailed analysis of air quality data is available on website and can be viewed on URL https://erc.mp.gov.in/Home/Esrc3bb7.

In view of above it is indeed important to trace out all the possible causes of exceedance of particulate concentration in the ambient air and formulate a strategy to take corrective measures accordingly to avoid instances of exceedance.

In view of above submit a conclusive report to the Environment Surveillance Centre alongwith findings on causes which attributed to the exceedance of pollution parameters in ambient air and suggest the remedial measures to formulate the combat strategy. Strictly adopt a zero tolerance approach under your jurisdiction for any infraction.

Encl. : Supporting doc.

(Dr. A.K. Saxena)
Sr. Scientific Offier

No. HOPCB/ERC/2024 Bhopal, Dt: / / 2024

Copy to :

The Director-Technical, M.P.P.C.B., Bhopal for information and needful action pls.

(Dr. A.K. Saxena)
Sr. Scientific Offier

Average Level of PM_{10} in Cities : year-2023 Annual Standard (60 µg/m³)			
City	**Regional Office**	**PM10 (µg/m3)**	**% Deviation from standard value**
Gwalior *	Gwalior	143.85	+ 139.74 %
Singrauli	Singrauli	140.90	+ 134.83 %
Katni	Katni	138.80	+ 131.33 %
Ujjain	Ujjain	125.57	+ 109.28 %
Mandideep	Mandideep	120.48	+ 100.80 %
Jabalpur	Jabalpur	118.13	+ 96.88 %
Pithampur	Dhar	113.42	+ 89.03 %
Indore	Indore	110.68	+ 84.47 %
Bhopal *	Bhopal	107.27	+ 78.79 %
Dewas	Ujjain	105.05	+ 75.08 %
Sagar	Sagar	75.13	+ 25.22 %

Average Level of $PM_{2.5}$ in Cities : year-2023 Annual Standard (40 µg/m³)			
City	**Regional Office**	**PM2.5 (µg/m3)**	**% Deviation from standard value**
Gwalior *	Gwalior	67.77	+ 69.43 %
Singrauli	Singrauli	58.48	+ 46.20 %
Ujjain	Ujjain	55.40	+ 38.50 %
Jabalpur	Jabalpur	49.18	+ 22.95 %
Bhopal *	Bhopal	48.69	+ 21.72 %
Katni	Katni	48.07	+ 20.18 %
Dewas	Ujjain	45.02	+ 12.55 %
Mandideep	Mandideep	44.33	+ 10.83 %
Indore	Indore	43.62	+ 9.05 %
Pithampur	Dhar	43.61	+ 9.03 %
Sagar	Sagar	37.03	-7.43 %

*Cities with >1 CAAQMS