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. 131 /HOPCB/ERC/2024 Bhopal, Dt: 27/ 09 /2024

To,

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

Sub: Validation of Real-time Ambient Air Quality Monitoring data.

Ref. : CPCB, Delhi letter No. EQ-11012/1/2022-AQMN-HO/766, dated 18.07.2024.

Your attention is drawn to the referred letter vide which the CPCB has emphasized the need to ensure quality of data generated during continuous ambient air monitoring being carried out by the MPPCB at various locations across the State. At present 23 cities are under scanner with 43 CAAQMS locations, 15 owned by MPPCB and 28 supported by the industries, in the State under jurisdiction of 16 Regional offices. The status can be accessed on EnvAlert App.

The reliability and genuineness of air monitoring data is of prime concern owing to its direct influence on the human health. Hence, there is need to verify the quality of monitoring data time to time to avoid any possible chance of transmission of erratic or wrong data to the Central Server. In view of this it is urged to supervise the operation of continuous ambient air quality monitoring systems periodically under your jurisdiction and ensure validation of monitoring parameters at regular intervals. Besides other, the following tasks can be exercised and a report be sent to the ESC on monthly basis for review :

1. Physical inspection of CAAQMS site, as per the enclosed field check list format.
2. Biannual multipoint manual calibration of gaseous parameters.
3. Manual monitoring of particulate matters at CAAQMS site, biannually, for cross verification. It is advised to use two manual monitoring systems simultaneously at a distance of 3 meters from the CAAQMS for 24 hours for this purpose.
4. Coordinate with ESC during remote calibration process once a year.
5. Submission of monthly report to the ESC.

It is also requested to nominate a Nodal officer responsible at your office for the above activities for timely coordination purpose.

Sincerely Yours,

Encl. : A/a.

18th Sept 24.

(Dr. Rajendra Chaturvedi)
Scientist & I/c ESC

O/C

No. 132 HOPCB/ERC/2024 Bhopal, Dt: 27 / 09 / 2024

Copy for favour of information to :

1. The Director (Technical), M.P. Pollution Control Board, Bhopal.
2. Zonal Officer, M.P. Pollution Control Board, ...All ZOs.

(Dr. Rajendra Chaturvedi)
Scientist & I/c ESC

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

File No EQ-11012/1/2022-AQMN-HO-CPCB-HO/266 Date : 18.07.2024

To

The Member Secretary
All SPCBs / PCCs (As per list enclosed)

Subject: Nomination of Nodal officer for CAAQMS operational in the State - regarding

Sir,

This has reference to Ambient Air Monitoring Network of our country. CPCB & SPCBs are executing nationwide program for ambient air quality monitoring. Currently, there are 933 manual monitoring stations and 541 continuous monitoring stations (CAAQMS) operational across the country. Manual monitoring stations are operated by SPCBs/PCCs while being a sophisticated system, the continuous stations are being maintained by SPCBs/PCCs with the help of respective suppliers and manufacturers. Regular calibration and maintenance of these systems are crucial for accurate data which gets generated and published without delay and without human intervention.

To ensure timely interventions for quality data generation at continuous air quality monitoring stations (Regular calibration & quality data generation) CPCB has issued guidelines. In order to operate these CAAQMS with correct procedures and as per defined guidelines, it is proposed to create a group where the relevant information and procedures may be communicated to officials responsible for the operation of these stations. Therefore, it is requested to kindly nominate nodal officers responsible in your state and share their name, designation, email and phone numbers with this office within 7days i.e. by 25.07.2024 through email. It would be really useful if senior officers of SPCBs/PCCs may also carry out audits of the functioning of the all the stations and share audit copy on a monthly basis with CPCB.

In order to facilitate quick response and continuous monitoring, a WhatsApp group has been created, where CPCB, SPCB, Maintenance Engineers of responsible firms may be requested to join the group for immediate reaction.

18/7/2024

(Aditya Sharma)
Additional Director & Head
AQMN Division
9911328120

I/c - ESC may be nominated for operational CAAQMS in state

27/7/24

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Madhya Pradesh Pollution Control Board
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MONTHLY FIELD CHECK LIST OF CAAQM STATION

Location : ..... **Regional Office : .....**

Sr.	Particulars	Inputs
01.	Station Visit Date	
	1st Week	
	2nd Week	
	3rd Week	
	4th Week	
02.	Environmental condition of station (inside the instrument cabin and the surroundings)	
03.	Availability of valid calibration gases for all parameters at site	Yes / No
04.	Daily auto calibration performed	Yes / No
05.	Any deviation noticed in station data with CSS data	Yes / No
06.	Data availability > 85%	Yes / No
07.	Total SMS alerts generated in the month	
08.	Physical condition of meteorological equipment and air sampling train	
09.	Log-book maintained at site	Yes / No
10.	Status of data display board at site	Operational / Non operational
11.	SOP available at station	Yes / No
12.	Status of full calibration with date (Multi-point calibration check)	
13.	Any fault developed in instrument during the week at site.	Yes / No
14.	Electricity Bill Status	Paid / Unpaid
15.	Name of Data Analyst / Engineer at site	
16.	Remarks, if any	

.....

Signature of Official / Date