



**Central Pollution Control Board
Zonal Office, Bengaluru**

Brief report on the status of CAAQMS at Chennai

The undersigned was deputed to Chennai to follow up the long pending MoU which was expired on 25.03.2014 to be signed by both CPCB and Executive Engineer for providing the space to continue to operate the CAAQMS at OHT pump house, Manali and to deliver a lecture on Air Pollution Control Devices and Measurement of Emission in the industries to the students from various Engineering Universities in the Winter school on Urban Air Pollution and Health Risk organised by IITM during 10.02.2016 to 12.02.2016.

Interacted with the Zonal officer of Zone -2 of the Manali, MMC, Chennai and explained the complete history about the monitoring station at Manali since he has newly taken the charge. Though he has tried to trace the old file and official in this regard, it could be traced. Therefore, complete set of old correspondence and copy of MoU is handed over. He has informed that MMC is split in to two departments wherein land and estate is looked after by other department. However, since the agreement was signed this office, he has extended his co-operation to initiate the file from this office and to forward the same to the department of Land and Estate. Also he has agreed that once, the file is forwarded, copy of the same shall be sent to CPCB for further followup. At the same time, he has invited the Tasildar from the land and estate department and narrated about CAAQMS and requested for his co-operation.

A lecture on Air Pollution Control Devices and Measurement of Emission in the Industries was delivered to the students from various Engineering Universities in the Winter School on Urban Air Pollution and Health Risk organised by Department of Civil Engineering, IITM on 12.02.2016.

Also about 70-80 students have visited the Continuous Ambient Air Quality Monitoring station operated at Velachery gate in the premises of IITM. Demonstrated about the sampling, principles of each analysers, about data acquisition and transmission. Prior to visit of students, the monitoring station was completely cleaned and greeneries developed around the station was trimmed. Also white washed the flat form using securities after procuring the lime and brushes.

Also visited M/s SPL at Manali and interacted with General Manager of the plant for assessing the suitable location for fixing the Digital Display Board of CAAQMS since the location already selected is affected due to flood. Suitable location identified and shown to the concerned official and to official from ESA.

As per as the status of CAAQMS at Manali,

1. All analysers are working except CO analyser. The Module of the mother board gone out of order and it has been sent to Bombay for repair by M/s ESA.
2. The concentration of Ammonia found to be low in the vicinity since the fertiliser industry is under shutdown.
3. Indoor unit of No.3 of the airconditioner is out of order due to want of Freon gas.

The monitoring station at IITM,

1. All analysers are working except poor response in M+P and O Xylene in BTX analyser.
2. The span gas in CO analyser is exhausted which need to be procured by M/s ESA and same is informed to do it on priority.
3. The PCB related to static transformer is out of order in the UPS since December 2015 and need to rectified. Alandur monitoring station could be visited due overload.

K.Karunagaran
Sr.Technical Supervisor

To

The Member Secretary
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar
Delhi-110 032

Kind Attn.: Incharge, Air Laboratory, CPCB, Delhi

Sub: Status of CAAQMS at Chennai

Sir,

With reference to above, Sh K. Karunakaran, STS of this office visited Chennai for assessing the status of continuous ambient air quality monitoring stations (CAAQMS) operating at Chennai and also to deliver lecture on Air Pollution Control Devices and Measurement of Emission in the Industries to the students from various Engineering Universities in the Winter School on Urban Air Pollution and Health Risk organised by Department of Civil Engineering, IITM on 12.02.2016.

Brief report on the above is submitted pls.

Yours faithfully

(S. Suresh)

Zonal Officer

Encls: As above