

COMPLIANCE  
TO  
DIRECTION  
ISSUED BY  
DPCC for CEMS

## Who are We?

1. We are the first company in Delhi to start Online Data Transmission and Monitoring for DPCC in 2010 during COMMONWEALTH GAME.
2. At present we are transmitting real time data of [Delhi Pollution Control Committee \(DPCC\) for 26 stations](#).
3. We are also maintaining data for more than 800 stations across INDIA
4. In Delhi already we have installed more 30 stations for SPM and doing data transmission to DPCC

We are also **Approved Technological Service Provider for CPCB** for OCEMS

We also looks after the **ONLINE CONSENT APPLICATION SOFTWARE FOR DELHI POLLUTION CONTROL COMMITTEE**

## PARAMETER TO BE MONITORED

- All the parameters given in Valid Consent Order
- Normally it PM, Sox, Nox etc

## CONDITION FOR MONITORING

- PM : Normalisation is mandatory
- Sox : Remote Calibration is mandatory
- Nox : Remote Calibration is mandatory

## CALIBARTION FREQUENCY

- Every Three Months
- Or if there is any major deviation or change in equipment

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## Protocol F1: Protocol for Operation and Calibration of PM CEMS

Industry:

Date:

Parameter : PM

Process to which OCEMS attached:

Emission Stack ID:

(If discharge points are multiple, submit multiple copies of this format separately for each ID)

S. No.	Information on	Detail information				Remarks		
1.	Emission Limit Prescribed (mg/NM <sup>3</sup> )							
2.	Whether any corrections for CO <sub>2</sub> or O <sub>2</sub> prescribed							
3.	Measurement Range of Instrument	Minimum	<input type="text"/>	mg/Nm <sup>3</sup>	Maximum	<input type="text"/>	mg/Nm <sup>3</sup>	
4.	Whether Dual range is available	Minimum	<input type="text"/>	mg/Nm <sup>3</sup>	Maximum	<input type="text"/>	mg/Nm <sup>3</sup>	
5.	Selected Measurement Range	Minimum	<input type="text"/>	mg/Nm <sup>3</sup>	Maximum	<input type="text"/>	mg/Nm <sup>3</sup>	
6.	Whether auto ranging available	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	If Yes Mention Ranges		<input type="text"/>
7.	Dust Factor Set	Dust Factor	<input type="text"/>	Date:		<input type="text"/>		Provide details of all dust factors applied datewise.
		Dust Factor	<input type="text"/>	Date:		<input type="text"/>		
8.	Stack Correction Factor set for Opacity Monitor	<input type="text"/>		Date		<input type="text"/>		
9.	Plant Load Condition when Correlation Calibration done with Isokinetic sampling	<input type="text"/>						
10.	Whether triplicate sampling at selected load was done	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>			
11.	Whether the calibration was made for different Load conditions	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Loads in which system calibrated		
		25%	<input type="checkbox"/>	50%	<input type="checkbox"/>	75%	<input type="checkbox"/>	100%

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						requirement of calibration is allowed and to be recorded and revised online
12.	Date of last Calibration	<input type="text"/>	Record of adjustment if done		<input type="text"/>	
13.	How many calibrations carried out in previous quarters					<b>If record is being filled on 1<sup>st</sup> of July provide information of April to June</b>
<b>S. No.</b>	<b>Information on</b>	<b>Detail information</b>				<b>Remarks</b>
14.	Raw data recorded during calibration based on which Dust Factor calculated	Velocity <input type="text"/> m/Sec	Flue Gas Temp. <input type="text"/> °C	Moisture <input type="text"/> %	PM <input type="text"/> mg/Nm <sup>3</sup>	
		CO <sub>2</sub> <input type="text"/>	O <sub>2</sub> <input type="text"/> %	PM CEMS Reading <input type="text"/> mg/Nm <sup>3</sup> or mA		
15.	Whether the data submitted to SPCB or CPCB are being normalized for	Temperature <input type="text"/>	Moisture <input type="text"/>	Pressure <input type="text"/>		Each data has to be normalized at 760 mm of Hg Pressure , 25°C Temperature on dry basis
16.	Whether CO <sub>2</sub> /O <sub>2</sub> Correction applied as prescribed in emission limit	Yes <input type="checkbox"/> No <input type="checkbox"/>				
17.	Instrument calibration frequency prescribed by manufacturer	Once in 3 months <input type="checkbox"/>	Half Yearly <input type="checkbox"/>	Yearly <input type="checkbox"/>	Others <input type="checkbox"/>	
18.	Frequency of Calibration Verification (without adjustment)	Fortnightly <input type="checkbox"/>	Monthly <input type="checkbox"/>	Quarterly <input type="checkbox"/>	Yearly <input type="checkbox"/>	By Empaneled / Accredited Laboratories No adjustment is allowed during verification
19.	Drift Specified by Manufacturer	Zero <input type="text"/>		Up Scale (Span) <input type="text"/>		
20.	Whether manufacturer's instruction followed	Yes <input type="checkbox"/> No <input type="checkbox"/>				
21.	Drift Measured In same time span as specified by manufacturer	Zero <input type="text"/>		Up Scale (Span) <input type="text"/>		
22.	Frequency of Zero and Upscale Check	Daily <input type="checkbox"/>	Weekly <input type="checkbox"/>	Fortnightly <input type="checkbox"/>	Monthly <input type="checkbox"/>	

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	prescribed in Manual					
23.	Frequency of cleaning and maintenance	Daily <input type="checkbox"/>	Weekly <input type="checkbox"/>	Fortnightly <input type="checkbox"/>	Monthly <input type="checkbox"/>	
24.	Components to be cleaned as suggested by Manufacturer					
25.	Cleaning Mechanism	Automatic Purging <input type="checkbox"/>	Manual Cleaning <input type="checkbox"/>			
26.	Schedule of routine cleaning maintenance fixed by the industry					

For more details please visit [www.srijanwebmatics.com](http://www.srijanwebmatics.com)

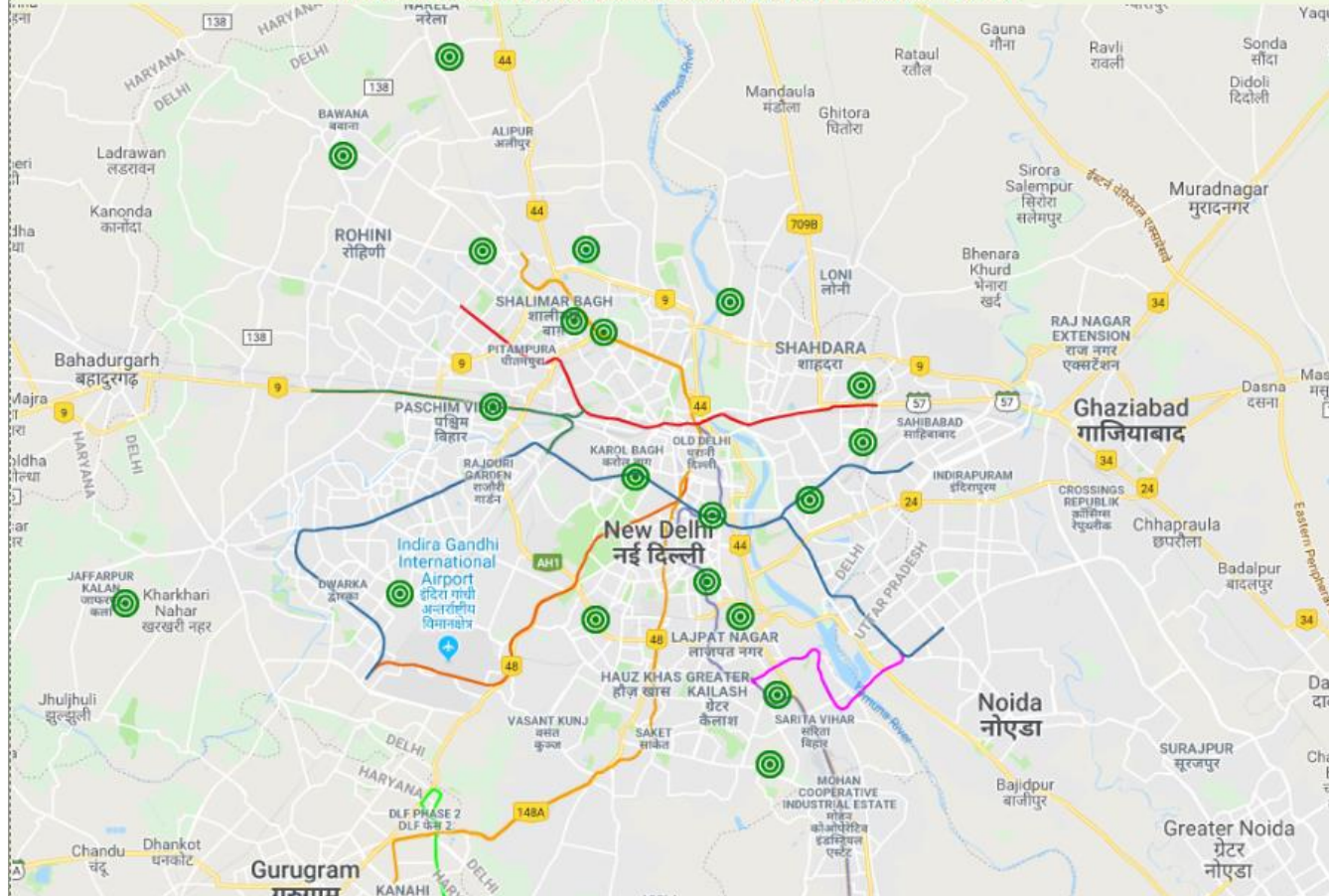


**DELHI POLLUTION CONTROL COMMITTEE**  
(Government of N.C.T. of Delhi)  
4th Floor, I.S.B.T. Building, Kashmere Gate, Delhi - 110006  
Website : <http://www.dpcc.delhigovt.nic.in>



**REAL TIME AMBIENT AIR QUALITY DATA**

Click on the location of which you want to see AMBIENT AIR QUALITY DATA





# Delhi Pollution Control Committee

4th Floor, ISBT Building, Kashmere Gate, Delhi-110006

Man is a child of his environment

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- Ease of Doing Business
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### INDUSTRY LOGIN (For Online Application)

For online Submission of Consent to Establish/Operate/Renewal under Green or Orange category, Water CESS Return, Laboratory Test, Authorisation under HMM Rules, Consent / Authorisation under BMW Rules and Grievance Redresal, please accept the terms & conditions given below after reading:

You represent, warrant and covenant that your use of the Website shall not:

- violate any applicable local, provincial, state, national or international law, statute, ordinance, rule or regulation;
- interfere with or disrupt computer networks connected to the Website;
- impersonate any other person or entity, or make any misrepresentation as to your employment by or affiliation with any other person or entity;

I have read and I accept the Terms & conditions mentioned above

[Click Here to Access DPCC Online Application](#)

**"Draft EIA report of Proposed Municipal Solid Waste (MSW) to Electricity Generating facility (25 MW) at Tehkhand, Okhla, Delhi for conducting Public Hearing."**

**"Revocation of Directions issued on 3/10/2017 under section 31(A) of Air (Pollution & Control of Pollution) Act, 1981 read with rule 20A (6) of Air (Pollution & Control of**



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**CAUTION** ----- **CAUTION** ----- **CAUTION** ----- **CAUTION**

📄 cpcb.nic.in/upload/thrust-area/notice\_data\_tampering\_08.05.2018.pdf



**CENTRAL POLLUTION CONTROL BOARD**

**CAUTION NOTICE TO INDUSTRIES**

**OCEMS TAMPERING**

All industries who have installed Online Continuous Emission/Effluent Monitoring System (OCEMS) are hereby cautioned against any kind of tampering because CPCB has started checking OCEMS tampering through remote calibration facility. Further, SPCBs/PCCs have also been advised to check tampering through remote calibration.

Date: 08/05/2018

New Delhi

**MEMBER SECRETARY**

**For more details please visit [www.srijanwebmatics.com](http://www.srijanwebmatics.com)**

# SRIJAN WEBMATICS PVT. LTD.

For more details Please get in touch with us

Contact Name : Avishek Sinha  
Designation : DIRECTOR  
Contact Number : 9971233604  
011 - 47505223

**DELHI, INDIA**

**For more details please visit [www.srijanwebmatics.com](http://www.srijanwebmatics.com)**