



## SPEED POST

AQM/AP/2019-20/

April 16, 2019

Principal Secretary, Environment  
Govt. of Maharashtra  
Environment Department  
Maharashtra Mantralaya  
Mumbai – 400032

**Sub.: Directions under Section 31A of The Air (Prevention and Control of Pollution) Act, 1981 regarding preparation of action plans for non-attainment cities as per Hon'ble NGT order dated 08-10-2018-reg.**

WHEREAS, under Section 16 (2) (b) (d) (g) and (j) of The Air (Prevention and Control of Pollution) Act, 1981, mandates Central Pollution Control Board (hereinafter referred as CPCB) to execute nation-wide programme, provide technical assistance and guidance to the State Boards for prevention, control or abatement of air pollution; collect, compile and publish technical and statistical data relating to air pollution control and abatement of air pollution and perform such other functions as may be prescribed;

WHEREAS, air pollution particularly PM<sub>10</sub> and PM<sub>2.5</sub> has emerged as a major health concern in most of the cities & towns, with air quality reaching to alarming levels;

WHEREAS, based on the data for the period 2011–2015 and WHO report 2014/2018, 102 cities failed to meet the prescribed standards are identified as non-attainment cities;

WHEREAS, seven regional workshops were organized to sensitize SPCBs and Stakeholders to develop city specific action plan for control of air pollution in these non-attainment cities;

WHEREAS, in pursuant to Hon'ble National Green Tribunal order dated 08-10-2018, all the States and Union Territories with non-attainment cities were required to constitute Air Quality Monitoring Committee (AQMC), and AQMCs to prepare appropriate action plans within two months aimed at bringing the standards of air quality within the prescribed norms within six months from date of finalization of the action plans;

WHEREAS, city action plans for Badlapur, Mumbai, Nashik, Navi Mumbai, Pune and Solapur were submitted to CPCB on 28-02-2019;

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WHEREAS, as per order of Hon'ble National Green Tribunal, a three member committee shall examine the Action Plans and on the recommendations of the said Committee, the Chairman, CPCB shall approve the same by 31.01.2019;

WHEREAS, the plans received till January 23, 2019, was examined by three member committee on 24-25 January, 2019, and compliance report submitted to Hon'ble NGT on February 15, 2019;


WHEREAS, the three member committee examined the city plans of Maharashtra on April 12, 2019 and recommendations of committee is placed at Annexure-I and Annexure-II;

WHEREAS, based on the recommendations of the three member committee, Chairman, CPCB has not approved the city plans of Badlapur, Mumbai, Nashik, Navi Mumbai, Pune and Solapur;

WHEREAS, in pursuant to Hon'ble National Green Tribunal order dated 15-03-2019, the States, where action plans are found to be deficient, deficiencies are to be removed till 30.04.2019;

**Now, therefore,** in exercise of powers under Section 31 A of The Air (Prevention and Control of Pollution) Act, 1981, you are directed to submit revised city action plans for the Badlapur, Mumbai, Nashik, Navi Mumbai, Pune and Solapur based on the recommendation made as per Annexure-I before 30.04.2019;

The receipt of this direction shall be acknowledged immediately and action taken shall be communicated to CPCB within 07 days.

  
(S. P. S. Parihar)  
Chairman  


## ANNEXURE I

- **State:** Maharashtra
- **City:** Badlapur
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	The plan is not properly prepared and does not give sufficient details of the key components.	Plan needs to be re-done and submitted as per the format addressing key components.
Source Identification		
Source Apportionment (SA) and Emission Inventory (EI)		
Action Points		
Long-term Strategy		
Timeframe		
Executing Agencies		
Public Awareness and Complaint Redressal Mechanism		
Budget Support		
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	

- **State:** Maharashtra
- **City:** Mumbai
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	Expansion plan not provided	Include monitoring network
Source Identification	Road Dust, Vehicles, Open Burning, Construction Activities, Industries, Domestic Fuel	Major sources identified except Large Industries (e.g. Oil Refineries and Fertilizer units)
Source Apportionment (SA) and Emission Inventory (EI)	EI & SA not quantified	Carryout EI & SA estimates
Action Points	Addresses all major sources	Action plan to address Large Industries (e.g. Oil Refineries and Fertilizer units)
Long-term Strategy	Long-term actions proposed	-
Timeframe	Timelines proposed for various actions (up to three years)	-
Executing Agencies	Not Identified	Identify executing agencies in Section – 2 (Page No. 6-17)
Public Awareness and Complaint Redressal Mechanism	Specific plans and public complaints redressal mechanism not outlined	Detail proposal to be worked out
Budget Support	Not given	Broad estimates be made for financial layout
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	



- **State:** Maharashtra
- **City:** Nashik
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	Existing and expansion plan proposed	CAAQMS not as per Guidelines
Source Identification	Road Dust, Vehicles, Open Burning, Construction Activities, Industries, Thermal Power Plant, Domestic Fuel	-
Source Apportionment (SA) and Emission Inventory (EI)	EI & SA not quantified	Carryout EI & SA estimates
Action Points	Addresses all major sources except Thermal Power Plant	Action plan to address emissions from Thermal Power Plant
Long-term Strategy	Not adequately addressed	Long term measures for public transport, Road dust, Biomass burning, C&D activities etc. should be included
Timeframe	Not adequately addressed	Include long term measures for relevant sources
Executing Agencies	Identified	-
Public Awareness and Complaint Redressal Mechanism	Specific plans and public complaints redressal mechanism outlined	-
Budget Support	Not given	Broad estimates be made for financial layout
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	

- **State:** Maharashtra
- **City:** Navi Mumbai
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	Expansion plan not provided	Include monitoring network
Source Identification	Road Dust, Vehicles, Open Burning, Construction Activities, Industries, Domestic Fuel	-
Source Apportionment (SA) and Emission Inventory (EI)	EI & SA not quantified	Carryout EI & SA estimates
Action Points	Addresses all major sources	-
Long-term Strategy	Long-term actions proposed	-
Timeframe	Timelines proposed for various actions (up to five years)	-
Executing Agencies	Identified for some actions	Identify executing agencies on Page No. 12-22
Public Awareness and Complaint Redressal Mechanism	Public awareness & Public complaints redressal mechanism not outlined	Detail proposal to be worked out
Budget Support	Budget estimates given	-
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	

- **State:** Maharashtra
- **City:** Pune
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	Expansion plan not provided	Include monitoring network
Source Identification	Road Dust, Vehicles, Open Burning, Construction Activities, Industries, Domestic Fuel	-
Source Apportionment (SA) and Emission Inventory (EI)	EI & SA not quantified	Carryout EI & SA estimates
Action Points	All major sources not addressed	City specific actions to be addressed both for PM and NOx
Long-term Strategy	Long-term actions proposed	-
Timeframe	Timelines proposed for various actions (up to two years)	Time target for various action are not given
Executing Agencies	Identified	-
Public Awareness and Complaint Redressal Mechanism	Public awareness & Public complaints redressal mechanism not outlined	Detail proposal to be worked out
Budget Support	Budget estimates given	-
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	

- **State:** Maharashtra
- **City:** Solapur
- **Plan received on date:** 28-02-2019

<b>Key Component</b>	<b>Observations</b>	<b>Remarks</b>
Air Quality Monitoring Network	The plan is not properly prepared and does not give sufficient details of the key components.	Plan needs to be re-done and submitted as per the format addressing key components.
Source Identification		
Source Apportionment (SA) and Emission Inventory (EI)		
Action Points		
Long-term Strategy		
Timeframe		
Executing Agencies		
Public Awareness and Complaint Redressal Mechanism		
Budget Support		
<b>Overall Recommendation</b>	<b>Not recommended. Plan needs to be re-done and submitted as per the format addressing key components (See Remarks).</b>	



**General observations made by three member committee for further improvements in the plans:**

**1. Emission Inventory , Source Apportionment and Carrying Capacity Assessment: Vehicular Pollution, Industrial Emissions, Population Density, Construction Activities**

The AQMCs should duly address the above issues so that the cities remain air quality compliant in future and some activities, if required, are restricted in future planning. It is expected the knowledge from EI, SA and carrying capacity assessment will upgrade the action plans.

**2. Interim Emission Reduction Targets**

The plans should include auditable and verifiable interim emission reduction targets. This will ensure continuous and timely implementation of actions.

**3. Challenges in Implementation: Role of Central Agencies**

Some actions proposed in the plans (e.g. supply of CNG or PNG) will require coordination and commitment from Central agencies. It is desirable that such actions are discussed with concerned agencies for effective implementation.

**4. Consideration to Graded Response Action Plan (GRAP)**

The GRAP is an important contingency plan in NCR. The SPCBs may give due consideration to the GRAP and develop a suitable plan relevant to the emissions in the city and likelihood of their impact on air quality.

**5. District Level Monitoring Committee**

Besides AQMC, a monitoring committee headed by the Municipal Commissioner or District Magistrate comprising senior officers from concerned departments may be considered to review the progress and ensure smooth implementation of the plan.