

Draft - Graded Response Action Plan (GRAP) for Pimpri Chinchwad**<For Public Consultation>**(24th November 2023)

1. The GRAP for PCMC has been classified into four phases; Phase 1 - "Moderate to Poor", Phase 2 - "Very Poor", Phase 3 - "Severe" and Phase 4 - "Severe+ or Emergency".
2. Actions specified under each phase shall be invoked based on the prevalent AQI and the forecast AQI levels for the next day as per the SAFAR app and based on any forecast from IITM or MPCB.
3. Actions under previous phases shall be continued in addition to the actions under the phase that is envisaged to be invoked. For example, when restrictive actions under Phase 3 are invoked, it shall be in addition to the actions under Phase 1 and Phase 2.
4. The Task Force at PCMC for Air Pollution shall meet in advance and take necessary actions in consultation with experts and issue necessary orders for invoking the GRAP phases. The Task Force shall take all steps towards effective implementation of the GRAP.
5. The Task Force may decide to revise the GRAP or add any additional measures, make improvements and exceptions to the GRAP schedule as per the prevalent situation and AQI levels.
6. All the penalties levied for violations shall be as per the Annexure

Phase 1: "Moderate" to "Poor"

Moderate - When PM_{2.5} is between 61-90 µg/m³ or PM₁₀ is between 101-250 µg/m³;
 Poor - When PM_{2.5} levels are between 91-120 µg/m³ or PM₁₀ levels are between 251-350 µg/m³

Action to be taken	Concerned Department	Concerned Government Agency
Stringently enforce/stop garbage burning in landfills and other places and impose heavy fines on the person responsible	Zonal Office and Health department	Pimpri Chinchwad Municipal Corporation
Ensure regular lifting of Municipal Solid Waste (MSW) (including meat and fish waste), Construction & Demolition (C&D) waste, and Hazardous wastes from dedicated sites and transfer them to the respective processing plants. Ensure that no waste is dumped illegally on open land. Heavy penalties shall be levied on the offenders.	Health department	Pimpri Chinchwad Municipal Corporation
Stringently enforce rules for dust control in construction activities and close non-compliant sites	Building Permissions and all Civil Departments	Pimpri Chinchwad Municipal Corporation/MPCB
Stringently enforce pollution control regulations in industries through Pollution Control Board monitoring. Ensure strict penal/ legal action against non-compliant and illegal industrial units.	Environment	MPCB, MIDC

Ensure regular lifting and proper disposal of industrial waste from industrial and non-development areas and in areas where unscientific processing and disposal of industrial waste is carried out.	Environment and Health	MPCB, MIDC
Stringently enforce all pollution control regulations in brick kilns, stone crushers and RMC plants	Zonal Office and Environment	MPCB, Collector office
Do periodic mechanized sweeping on roads, particularly on roads with heavy traffic and water sprinkling every two days	Zonal Office and Health	Pimpri Chinchwad Municipal Corporation
Strict vigilance for visible emissions from any vehicle – stop plying visibly polluting vehicles. Enforce PUC norms and impose heavy fines for non-adherence.	Projects	RTO, Traffic Police
Advanced Traffic Management System with synchronisation of traffic signals to be done at major corridors. Deploy traffic police for smooth traffic flow at all identified corridors with heavy traffic and congestion-prone intersections.	Smart City, Projects	Traffic Police
Diversion of non-destined truck traffic from Pimpri Chinchwad	Projects	Traffic Police, RTO
Information dissemination, social media, mobile apps should be used to inform people about the pollution levels, contact details of control room, enable them to report polluting activities/sources to the concerned authorities, and actions that will be taken by the government based on the level of pollution.	PRO, Smart City	Pimpri Chinchwad Municipal Corporation

Phase 2: "Very Poor"

When PM_{2.5} levels are between 121-250 $\mu\text{g}/\text{m}^3$ or PM₁₀ levels are between 351-430 $\mu\text{g}/\text{m}^3$

Action to be taken	Concerned Department	Agency responsible
Mechanical/vacuum-based sweeping of roads to be carried out on a daily basis.	Zonal Offices and Health	Pimpri Chinchwad Municipal Corporation
Ensure water sprinkling along with use of dust suppressants (at least every alternate day) on roads to arrest road dust especially at hotspots, heavy traffic corridors, vulnerable areas (before peak hours) and proper disposal of dust collected in designated sites.	Zonal Offices and Health	Pimpri Chinchwad Municipal Corporation, Traffic Police (Identify roads with heavy traffic and provide information to PCMC for further action)
All demolition sites, construction sites, RMC should follow dust suppression mechanisms such as sprinkling and follow necessary steps as per MPCB guidelines	Building Permissions, all Civil departments, Environment and Zonal Offices	Pimpri Chinchwad Municipal Corporation

Control the use of diesel generator sets by improving the electricity supply or using alternative cleaner modes of energy	Electrical	MPCB, Pimpri Chinchwad Municipal Corporation
Enforce use of electrical/CNG based crematoriums	Electrical	MPCB, Pimpri Chinchwad Municipal Corporation
Restrict parking and enhance parking fees by 3-4 times in commercial areas to reduce usage of personal vehicles	Projects	Traffic Police, Pimpri Chinchwad Municipal Corporation
Augment public transport services by increasing frequency and ensure adequate feeder and para-transit services	Projects	PMPML, Pune Metro, Pimpri Chinchwad Municipal Corporation
Use appropriate air pollution prevention and control systems for coal / firewood based Tandoors in Hotels, Restaurants and open eateries. Ensure hotels, restaurants and open eateries use only electricity / clean fuel gas-based appliances. Relevant MPCB and FDA norms shall be followed.	Zonal Offices, Udyog Dhandha Parvana	Pimpri Chinchwad Municipal Corporation
Coal and Firewood based oven furnace is not permitted In PCMC area. Ensure bakeries use only electricity / clean fuel gas-based appliances.	Zonal Offices	Pimpri Chinchwad Municipal Corporation
Alert in newspapers/TV/radio to advise people with respiratory and cardiac patients to avoid polluted areas and restrict outdoor movement.	PRO	Pimpri Chinchwad Municipal Corporation
Notify hospitals to prepare for an increase in respiratory illness cases. Ensure adequate supply of oxygen and medicines. Hospitals shall report the respiratory cases to the Medical Officer of Health.	Medical	Pimpri Chinchwad Municipal Corporation

Phase 3: "Severe"

When PM2.5 levels are above 250 μm^3 or PM10 levels are above 430 μm^3

Action to be taken	Concerned Department	Agency responsible
Close RMC plants, brick kilns, hot-mix plants, stone crushers and other highly polluting units or as applicable locally	Zonal Offices	Collector Office, MPCB, Pimpri Chinchwad Municipal Corporation
Intensify public transport services. Consider introducing differential pricing to encourage off-peak travel.	Projects	PMPML, Pune Metro, RTO
Promote Non-Motorised and EV Zones in the city	Projects	Pimpri Chinchwad Municipal Corporation

Increase the frequency of mechanized cleaning of roads and sprinkling of water with dust suppressants on roads. Identify road stretches with high dust generation.

Environment

Pimpri Chinchwad Municipal Corporation

Phase 4: "Severe+ or Emergency"

When PM_{2.5} levels cross 300 µg/m³ or PM₁₀ levels cross 500 µg/m³ respectively persist for 48 hrs or more.

Action to be taken	Concerned Department	Agency responsible
Stop entry of polluting trucks, heavy vehicles into the city (Except for essential commodities)	Projects	Traffic Police, RTO
Stop construction and demolition activities	Building Permissions	Pimpri Chinchwad Municipal Corporation
PCMC in consultation with the state government and MPCB, may take a decision on shutting down schools and permitting work from home for public and private offices.	Environment	Pimpri Chinchwad Municipal Corporation, Collector Office
Introduce vehicle restraint measures or introduce low-emission zones in the city to stop entry of polluting vehicles (Below BS-VI, old and polluting diesel vehicles etc.). A system to identify fuel type and age of the vehicle using specific indicators on the vehicle may be used as per MoRTH guidelines. All the vehicles and the Inspection and Certification centres in the city need to adhere strictly to the Central Motor Vehicle Rules. The implementation and enforcement of the same shall be done by RTO and the Traffic Police.	Projects	Pimpri Chinchwad Municipal Corporation, Traffic Police, RTO

Note:

- Based on continuous monitoring of AQI levels for three consecutive days, PCMC reserves the right to either revoke or invoke GRAP phases.

(Shekhar Singh)

Administrator and Municipal Commissioner
Pimpri Chinchwad

Proposed Penalties for various waste and air quality violations in Pimpri Chinchwad

S.No	Particulars	Existing Fine rates (Rs.)	Proposed new fine rates (Rs.)
1	For delivering waste that is not segregated and not stored in separate bins:		
	a) Households/Commercial establishment		
	- 1st instance	300	330
	- Every repeated instance	500	550
	b) bulk generator		
	- 1st instance	5,000	5500
	- Every repeated instance	15,000	16500
2	For burning of waste	5,000	5500
3	For not cleaning-up after public gathering / event within 4 hours.	Forfeiture of cleanliness deposits + Rs. 10,000 fine	Forfeiture of cleanliness deposits + Rs. 11,000 fine
4	Unsanitary/Littering of roads/public places (small littering)	500	550
5	Unsanitary/Littering of roads/public places (mass littering) E.g.: Dumping of waste by trucks and tempos etc.	50,000	55000
6	Spitting in public places	1,000	1100
7	Open urination	500	550
8	Open defecation	1,000	1100
9	Defacement of Municipal/public property (Small stickers etc.)	500	550
10	Defacement of Municipal/public property (Large stickers, posters etc.)	5,000	5500
11	No onsite Composting (Bulk waste generator)		
	- 1st instance	5,000	5500
	- Every repeated instance	15,000	16500
12	Missing dustbins in commercial establishments	500	550
13	Defilement in an open plot	2,000	2200
14	Presence of mosquito breeding sites (at household establishment)	1,000	1100
15	Presence of mosquito breeding sites (commercial establishment)	2,000	2200
16	Presence of mosquito breeding sites (buildings under construction, malls, theatres, large hospitals etc.)	10,000	11000
17	Incineration of waste (At a small level)	5,000	5500
18	Incineration of waste (At a larger level)	25,000	27500
19	Use of banned plastics (first instance)	5,000	5500
20	Use of banned plastics (second instance)	10,000	11000

S.No	Particulars	Existing Fine rates (Rs.)	Proposed new fine rates (Rs.)
21	Use of banned plastics (third instance)	25,000	27500
22	Dumping of Construction and Demolition waste on the streets and public places	3,000	Rs. 400/ton
23	Disposing of biomedical waste in common waste or on streets/public places	35,000	38500
24	For any construction violations as per MPCB guidelines	Rs. 10/sq.m	Rs. 100/sq.m of Built up area
25	Non-compliance of consent to operate conditions at Brick kiln, RMC, stone crusher etc.	--	10000
26	Industrial pollution:	--	
	Release of untreated waste from industrial premises to nearby areas and waterbodies	--	10000
	Non-compliance of air pollution measures	--	10000
28	Transport of C&D waste without covering or relevant measures	--	5000


Commissioner
Pimpri-Chinchwad Municipal Corporation
Pimpri - 411 018

कटिबध्दा जनहिताय

**PIMPRI CHINCHWAD
MUNICIPAL CORPORATION**