

# MAHARASHTRA POLLUTION CONTROL BOARD

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No: BO/JD(APC)/RMC/TB-3/B-0218

Date: 17/10/2025

## CIRCULAR

**Sub:** Revised Guidelines for Ready Mix Concrete Plants (RMC) for sitting criteria in the State of Maharashtra.

**Ref:** - 1) Notification dated 7/11/2016 reg. Guidelines for Ready Mix Concrete Plant (RMC) for sitting criteria in the State of Maharashtra.  
2) Circular dated 08/10/2024 issued by MPCB for categorization of RMC Plants.  
3) Notification dated 27/11/2024 issued by MPCB regd. Guidelines for Ready Mix Concrete Plants (RMC) for sitting criteria in Mumbai Metropolitan Region (MMR).  
4) Notification dated 17/10/2025 reg. Revised Guidelines for Ready Mix Concrete Plant (RMC) for sitting criteria in the State of Maharashtra.

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Maharashtra Pollution Control Board had issued Notification dated 7/11/2016 regd. Guidelines for Ready Mix Concrete Plant (RMC) for sitting criteria was applicable for the entire State of Maharashtra.

Now Maharashtra Pollution Control Board has issued revised RMC Guidelines for the State of Maharashtra and guidelines issued vide Notification dated 17/10/2025. All earlier Notification/ Guidelines issued by Board is hereby superseded. A copy of the Revised Notification dated 17/10/2025 is enclosed for necessary compliance.

All Regional Officers and Sub Regional Officers are hereby directed to ensure the implementation of the aforesaid Notification dated 17/10/2025 for establishment and operation of Ready Mix Plants and communicate the same to all stakeholders for necessary action. The notification is applicable from the date of issuance.

(M. Devender Singh, IAS)  
Member Secretary

**Copy submitted to in favor of information:**

1) Hon'ble Chairman, MPCB, Mumbai.

**Copy to :** JD (APC)/JD (WPC)/AS(T)/ PSO/ RO(BMW)/ RO(HQ)/ LO (P&L Divn.I/II), MPCB, Mumbai- For information.

**Copy to:** All Regional Officers and Sub Regional Officers, MPC Board- For necessary action.

**Copy to:** EIC Section – for hoisting on Board's website.



# MAHARASHTRA POLLUTION CONTROL BOARD, MUMBAI

## The Guidelines for Ready Mix Concrete (RMC) Plants for siting criteria in the State of Maharashtra.

### NOTIFICATION

Date : 17 /10/2025

No. MPCB/JD(APC)/TB/B~~230~~ – In exercise of the powers conferred under sub-section (1) of section 54 read with clause (z) of sub-section (2) and sub-section (1) Sub clause (b) & (h) of section 17 of the Air (Prevention & Control of Pollution) Act, 1981 & Sub Section (1), Sub Clause (n) and (o) of Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, the State Government, after consultation with the Maharashtra Pollution Control Board hereby notifies the Guidelines for Ready Mix Concrete Plant (RMC) for sitting criteria of RMC Plant in the entire State of Maharashtra, the Environmental norms to be imposed on RMC plant for additional control measures to be imposed to abate/mitigate pollution, to protect public health in the surrounding areas.

#### **PREMABLE**

The Hon'ble High Court of Judicature at Bombay on its Own Motion has registered Suo-Moto Public Interest Litigation bearing No. 3/2023 on the basis of Articles published in Local Newspapers regarding deteriorating air quality in Mumbai and surrounding areas. In compliance with the various orders passed by the Hon'ble High Court in the said matter, the Maharashtra Pollution Control Board has taken various initiatives to improve air quality in MMR area.

Urbanization is taking place on a large scale in the state of Maharashtra. Construction is a major part of urbanization and Ready-Mix Concrete (RMC) Plants are essential for this & RMC plants located in the city are one of the source of air pollution. Based on above situation & huge construction activity, we need to restrict the air pollution in the State by taking stringent measures to control air pollution.

Therefore, initially, MPC Board has issued Notification regarding Guidelines for siting criteria of RMC plants for only specific MMR area vide dated 27/11/2024 after the guidelines in the State of Maharashtra vide dated 07/11/2016.

Now, considering the deterioration of Air Quality in the State of Maharashtra, it is decided to issue Guidelines for RMC plants throughout entire State of Maharashtra.

#### **DEFINITION:**

- (i) Ready Mix Concrete (RMC): Ready-mix concrete is concrete that is manufactured in a factory or batching plant, according to a set recipe, and then delivered to the work site, by truck mounted in-transit mixers.
- (ii) Commercial Plant: A concrete batching plant set up for the purpose of supply of RMC to customers who require this for their construction.
- (iii) Captive Plant: A Concrete Batching Plant which has been set up by RMC manufacturer or contractor or any other for the sole purpose to supply RMC to a dedicated project sites located in the same premises.



## **A. APPLICABILITY-**

- (i) RMC Plants are covered under the Consent management regime of the Maharashtra Pollution Control Board under Orange Category.
- (ii) The permissions / grant of NOC shall be issued by the concerned local body/ appropriate planning authority. Development permission from planning authority, Land ownership- lease/ ownership documents.

## **B. SITING CRITERIA-**

The following Sitting Criteria shall be considered for the establishment of RMC Plant.

### **1). Commercial Plants -**

- 1) New commercial plants should not be located within 200 mtr. from schools, colleges, hospitals (above 50 beds) and Courts.
- 2) New commercial plants should not be located within 50 mtr. distance from nearest human habitation in MMR area except notified industrial area but the plant should be totally covered mandated from the day of operation.
- 3) All existing/ new RMC plants shall be covered from all sides by using tin / similar type of material like a box structure for following sections of RMC plants.
  - i. Raw material handling,
  - ii. Silos,
  - iii. Loading & unloading area including conveyor belt,
  - iv. Mixing unit, hopper bottom (main plant).Or  
The total plant area shall be fully covered from all sides.
- 4) Existing plants shall provide Box type structure and fully covered plant within a period of 01 month from the date of issuance of this Notification and shall submit Bank Guarantee of Rs. 25.0/- Lakh towards Operation & Maintenance of Pollution Control system of the RMC plant.
- 5) Expansion activities for the existing commercial plants shall apply for Consent to Establish for Expansion, it will be treated as a proposed unit (new unit).
- 6) Other conditions with respect to provisions of Air / Water Pollution control system shall be incorporated in the Consent to Establish/Operate.

### **2). Captive Plants –**

- 1) Existing plants shall provide Box type structure and fully covered plant within a period of 01 month from the date of issuance of this Notification and shall submit Bank Guarantee of Rs. 15.0/- Lakh towards Operation & Maintenance of Pollution Control system of the RMC plant.
- 2) After possession / completion on Occupancy Certificate of project for which Consent to Operate is granted, the Captive plants shall be shifted / dismantled within a period of 1 month from the premises after 70% occupancy of the project.
- 3) All existing/ new RMC plants shall be covered from all sides by using tin / similar type of material like a box structure for following sections of RMC plants.
  - i. Raw material handling,
  - ii. Silos,
  - iii. Loading & unloading area including conveyor belt,
  - iv. Mixing unit, hopper bottom (main plant).Or  
The total plant area shall be fully covered from all sides.



- 4) The project proponent should comply with other locational statutory requirements in force such as Development Control (DC) Rules & as per MoEF & CC guidelines etc., while obtaining Consent to Establish from the Maharashtra Pollution Control Board.
- 5) Other conditions with respect to provisions of Air / Water Pollution control system shall be incorporated in the Consent to Establish/Operate.

**If the captive plant is not located within the premises of the project, then the criteria of commercial plant is applicable (Except for public projects).**

**C. Pollution control measures:**

**(a) Air Pollution Control:**

**(i) In-house measures:**

- 1) Transfer points should be covered from all the sides.
- 2) The dust containment system shall be provided incorporating either of the following -
  - Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of the RMC premises be carried out. The foliage of the trees shall adequately cover area up to about 20 feet. height. shall be carried out.
- 3) Internal movement area shall be cement concreted /Asphalted.
- 4) Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carried out, with using compact mobile unit with vacuum system of high-pressure cleaning.
- 5) Automatic two-level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle.
- 6) Foggers/ Fogging system with minimum 50 mtrs of water mist fog shall be installed at all dust generating sources.
- 7) CC TV cameras shall be installed at all the entry and exit points.
- 8) Global Positioning System (GPS) tracking system shall be installed to all RMC carrying vehicles.
- 9) It will be responsibility of RMC plant to ensure all vehicles shall be thoroughly cleaned before leaving RMC plant premises and is also cleaned at the place where RMC is dispatched. In no case transit mixtures carrying material on its outer surface shall be operated. Operator of the RMC plant will be held responsible for this lapse.

**(ii) Raw material storage & handling:**

- 1) Storage silos of cement & fly-ash shall be equipped with adequate capacity of dust Collection system such as multi- cyclone followed by bag house assembly.
- 2) Handling of Cement, sand, fly ash, gypsum and aggregates shall be carried out with mechanical closed system only.
- 3) Manual operations shall be permitted only in a closed shed which will be equipped with dust control system at the loading point as well as roof top secondary dust control system.
- 4) All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
- 5) All the raw materials must be stored in closed silos /bins of adequate capacity.
- 6) Mixing section of cement, aggregate & sand (equivalent) shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions.



- 7) Storage area of sand (equivalent) & aggregate shall be equipped with roof top water sprinkler system.
- 8) The operation of the plant shall be interlocked with air pollution control devices.
- 9) Alternative power supply system should cover both the production and Air pollution control system.

**(iii) The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)**

Particulate Matter PM 10	Not to Exceed	100 µg/m <sup>3</sup>
Particulate Matter PM 2.5	Not to Exceed	60 µg/m <sup>3</sup>

- (a) Commercial plants shall install standard sensor-based Air Quality Monitoring System within the premises for parameters PM10 & PM2.5.
- (b) Captive plants shall carry out ambient air quality monitoring twice a week for 24 hours.
- (c) All such records shall be made available during inspection by MPCB officials.

**(b) Water pollution control measures.**

- (I) The wastewater generated from the sources like washing, Transit Mixer washing, Vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive treatment system as is warranted to meet the disposal standards mentioned below.

**Standards of the treated effluent Quality**

Sr. No.	Parameter	Concentration	Standards
1	pH	Between	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l
4	BOD (3 days)	Not to exceed	30 mg/l
5	COD	Not to exceed	150 mg/l.
6	TDS	Not to exceed	2100 mg/l

- (II) The treated effluent shall be reused in the process, water sprinkling system or gardening / plantation only. There should not be any discharge of effluent from the plant outside the project premises.

**(c) Noise pollution Control Measures:**

Ready mix concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rule 2000, to control Noise Pollution.

**(d) Solid waste treatment and disposal:**

Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/ Reclaiming system OR disposed of at a designated approved site (Construction & demolition waste) by local body, for debris / construction waste.

**D. The following conditions shall be incorporated in the consent:**

- 1) Project Proponent shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and Control of Pollution) Act, 1974.



- 2) Project Proponent shall provide adequate Air pollution control arrangement at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed.
- 3) Project Proponent shall comply the guidelines as per MoEF & CC Notification dated 29/01/2025 towards Locational criteria for Orange Category.
- 4) The remediation and restoration measure shall be taken by the project proponent in case of any environmental pollution in the surrounding area due to emission/effluent in excess of the standards being discharged/emitted into the environment and violation of consent conditions and thereby causing environmental pollution.
- 5) The captive RMC plants shall not act as a commercial plant if found acting as a commercial plant then it shall be closed permanently.
- 6) Operation of RMC plant shall be in daytime only in non MIDC area. The Day time shall mean from 6 a.m. to 10 p.m.
- 7) The Maharashtra Pollution Control Board reserves its rights to impose any stringent standards if so required.

**All new Commercial and captive RMC plants in MMR will be approved by Joint Director (Air Pollution Control), HQ.**


**These guidelines are applicable throughout the State of Maharashtra and supersede earlier guidelines dated 07/11/2016 and 27/11/2024.**

**These guidelines are applicable with immediate effect from the date of issue of this Notification.**

**This Notification for guidelines is issued as per the approval of the Competent Authority of MPC Board.**

Date- 17 /10/2025



  
(M. Devender Singh, IAS)  
Member Secretary