

MAHARASHTRA POLLUTION CONTROL BOARD

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No. MPCB/JD(APC)/Hot Mix Plant/TB-3/B- 0213

Date : 10 /01/2024

CIRCULAR

Sub : Environment standards with Siting Criteria for Hot Mix Plants in the State of Maharashtra

Ref : 1) Notification No. G.S.R. 376 (E) regarding Environmental Standards for Hot Mix Plants dated 18/05/2023 forwarded By Central Pollution Control Board vide dated 12/07/2023.
2) Minutes of the 181st Board meeting held on 16/10/2023

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Ministry of Environment, Forest & Climate Changes has published Environmental Standards for Hot Mix Plants Notification No. G.S.R. 376 (E) dated 18/05/2023 which was forwarded by Central Pollution Control Board vide letter dated 12/07/2023. Accordingly, the said Notification was placed before the 181st Board meeting held on 16/10/2023 for implementation in the State of Maharashtra.

APPLICABILITY:

1. The Hot Mix Plants are covered under the consent management regime of the Maharashtra Pollution Control Board.
2. The permissions / grant of NOC shall be issued by the concerned local body/ concerned planning authority.

A. SITTING CRITERIA:

The following sitting criteria shall be considered for newly establishing of Hot Mix Plants.

- (a) 1 Km from boundary of Cities & Towns:
- (b) 0.5 Km from habitation:
- (c) 0.2 Km from National or State Highways (from Centre line):
- (d) 0.5 Km from Schools or Colleges & temples:

(e) 1 Km from Hospital, Court & Tourist spot:

In case existing hot mix Plants are not able to meet above siting criteria at Para above, the unit may allowed with the conditions that minimum 6 meters high compound wall of GI sheets along plot Periphery shall be installed.

B. INSTALLATION AND OPERATIONS OF HOT MIX PLANTS:-

(i) The minimum stack height for Hot Mix Plant shall be calculated as Stack height $(H_s)=14(Q)^{0.3}$ where Q is the SO₂ emission rate in kg/hr.

(ii) Only approved fuel as specified by State Pollution Control Boards or Pollution Control Committee shall be used.

(iii) Dust emission from material handling shall be contained with water sprinkling or by covering the points of dust emission.

(iv) The internal roads working platform loading and unloading area in premises should be paved and kept clean all times.

(v) Provisions of the Noise Pollution (Regulation and Control) Rules, 2000 shall be followed and workers shall be provided with personal protective equipment.

(vi) The green belt shall be developed along the periphery.

(vii) Use of Recycled Asphalt Payment (RSP) shall be allowed in the aggregates.

(viii) Any process rejects or left over of the hot mix shall be recycled in the process.

(ix) The site shall be reinstated at the end of operation phase i.e. after dismantling the plant.

(X) The hot mix plant shall be equipped with appropriate air pollution control devices as mentioned below so as the ensure optimum efficiency to achieve the standards namely:-

a) Drum Type- Cyclone or multi-clones with wet scrubber:

b) Batch Type- Multi-clones with bag filters.

C. ENVIRONMENTAL STANDARDS:

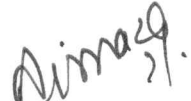
I. Air Pollution Control Measures:

Sr.No.	Industry	Parameter	Standards
(1)	(2)	(3)	(4)
"116	Hot Mix Plant	Particulate Matter Concentration (mg/Nm ³) in stack emission	

		Batch type Hot Mix Plant	150
		Drum type Hot Mix Plant	300

Hence all the new Hot mix plant shall now establish as per the new siting criteria approved by the Board in its 181st Board meeting.

The above Circular shall be in force with immediate effect from the date of issuance of these Circular.


(Dr. Avinash Dhakne, IAS)
Member Secretary

Copy submitted to:

Hon'ble Chairman, MPCB, Sion, Mumbai - for favour of information

Copy to:

1. JD (APC) / JD (WPC) / AS (T) / PSO / RO (HQ)/ RO (BMW) /Law Officer-I/II- for information.
2. All Regional Officer / All Sub Regional Officer, MPCB for information & Necessary Action.
-They are directed to circulate the said circular to all concerned Public Works Department/ Central Public Works Department / Municipal Corporations / Industries Associations /industries and District Magistrates as per your jurisdiction.
3. ASO / EIC-For uploading on MPCB Website.