

COMMISSION FOR AIR QUALITY MANAGEMENT
IN NATIONAL CAPITAL REGION AND ADJOINING AREAS
17th Floor, Jawahar Vyapar Bhawan (STC Building)
Tolstoy Marg, New Delhi- 110001

F.No. A-110018/01/2021/CAQM-Vol.VI

Dated: 14.02.2024

To,

As per list enclosed

Subject: Mitigation of dust in construction and demolition projects.

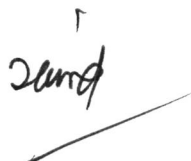
Sir,

It is well established that dust from construction and demolition (C&D) activities is a major and consistent source of air pollution in the National Capital Region and contributes adversely to the PM10 and PM2.5 levels, consistently throughout the year, particularly during the summer season and thus is a prime contributor to the poor air quality.

2. Dust mitigation from C&D projects (buildings)

(i) Towards effective management and control of dust from the C&D activities, Ministry of Environment, Forest and Climate Change in exercise of power conferred under Sections 6 and 25 of the Environment (Protection) Act, 1986 notified the "Construction and Demolition Waste Management Rules". The Central Pollution Control Board also issued "Guidelines on Dust Mitigation Measures in Handling Construction Material and C&D Wastes 2017".

(ii) For further strengthening the compliance of dust control measures and effective monitoring, considering a large number of ongoing C&D activities at any point in time, the Commission vide Direction dated 11.06.2021 called for mandatory registration of all C&D projects with plot area equal to or more than 500 sq. meters on



the respective Web-portal of the State Govt. / GNCT of Delhi for remote monitoring, including the following:

- a. Video fencing for all the registered projects,
- b. Self-audit and certification mechanism by the agencies.
- c. Monitoring of air quality through low-cost air quality monitoring sensors installed at the project sites.

(iii) Deployment of Anti-Smog Guns:

To effectively combat dust emissions, the Commission vide Direction No. 69 dated 02.11.2022 mandated deployment of anti-smog guns (ASG), in proportion to the area of the construction as under:

- At least 1 ASG for a total construction area ranging from 5,000 to 10,000 sqm.
- At least 2 ASG guns for a total construction area between 10,001 and 15,000 sqm.
- At least 3 ASG for a total construction area between 15,001 and 20,000 sqm.
- At least 4 ASG for a total construction area exceeding 20,000 sqm.

(iv) Other directions and policy guidelines in the context of abatement of dust pollution from construction and demolition activities encompass a range of dust control and mitigation measures as under:

- a. Deployment of wind barriers / breakers along the project boundary
- b. Dust screens, particularly covering up the area under construction at the project sites
- c. Use of water sprinklers, water mist and dust-suppressants
- d. Covering of construction materials as well as debris
- e. Transportation of C&D materials only through covered vehicles

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3. The serious concerns on dust levels attributed to the C&D activities need to be addressed at all levels by various stakeholders. In this context, approvals for building layout plans / drawings and permissions/sanctions issued by various regulatory bodies thus need to strictly ensure inclusion of the directions, policy guidelines and other measures to mitigate dust pollution during the execution of the work, as noted in para 2 above. The level of compliance of such measures also need to be monitored from time to time by the officers concerned of regulatory / inspecting/ certifying agencies.
4. Many of the infrastructure development activities including C&D projects are outsourced to various agencies. It thus becomes imperative that implementation and compliance of all the statutory directions, rules and guidelines in the above context is carried out effectively even through such executing agencies, including at the lowest levels. Municipal bodies/ ULBs and all related departments / bodies of the NCR state govts. / NCT of Delhi may accordingly ensure that all the tender notices, contract documents, agreements etc. in these sectors incorporate the provisions contained in the rules, guidelines and safeguards as listed in para 2, for compliance towards effective mitigation of dust during execution of such projects, which are highly vulnerable to the dust emissions and thereby an adverse air quality. These agencies may also consider stipulating quality benchmarks in respect of this attribute in the contracts, duly calling for appropriate penal provisions and measures for environmental compensation in case of non-compliances. Regular inspection during execution of projects may also monitor and ensure compliance of dust control rules, guidelines and directions as mentioned in para 2 above.
5. The list of such agencies to which this advisory is marked is not exhaustive and all such project sanctioning and executing agencies may also be advised appropriately by the state govts. / GNCT of Delhi to follow the above noted rules/guidelines/directions in letter and spirit, towards

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amelioration of high levels of dust and associated air quality concerns in the NCR.

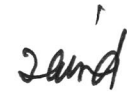

(Arvind Nautiyal)

Member-Secretary

Email: arvind.nautiyal@gov.in

Copy to:

- (i) Chief Secretary, Govt. of Haryana
- (ii) Chief Secretary, Govt. of Uttar Pradesh
- (iii) Chief Secretary, Govt. of Rajasthan
- (iv) Chief Secretary, Govt. of NCT of Delhi
- (v) The Chairperson and all Member, CAQM


(Arvind Nautiyal)
Member-Secretary

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List of ULBs / Municipal bodies in NCR

Delhi

1. The Chairperson, New Delhi Municipal Council (NDMC), Palika Kendra, Parliament Street, New Delhi-110001.
2. The Commissioner, Municipal Corporation of Delhi, Civic Centre, 4th Floor, Minto Road, Delhi-110002
3. Vice-Chairman, Delhi Development Authority (DDA), B Block, 1st Floor, Vikas Sadan, INA, New Delhi-110023

Uttar Pradesh

4. Chief Executive Officer, NOIDA, Administrative Complex Sector 6, Noida - 201301, District. Gautam Budh Nagar, Uttar Pradesh, India.
5. Chief Executive Officer, Greater Noida, Plot No. 01, Knowledge Park-04, Greater Noida, Gautam Budh Nagar, Uttar Pradesh 201308
6. Vice Chairman, Ghaziabad Development Authority, Vikas Path, Old Bus Stand, Ghaziabad, Uttar Pradesh-201001.
7. Chief Executive Officer, Uttar Pradesh State Industrial Development Authority, UPSIDA Complex, A-1/4 Lakhanpur Kanpur-208024.
8. Commissioner, UP Awas Vikas Parishad, Ghaziabad
9. Vice Chairman, Baghpat and Khekra Development Authority, Baghpat

Haryana

10. Administrator, HSVP, Gurugram, Administrator HUDA, Sector-14, Gurugram
11. Administrator, HSVP, Faridabad, HUDA Office, Sector-12, Faridabad
12. Commissioner, Municipal Corporation Gurugram, C 1, Info City, Sector 34, Gurugram, Haryana -122001.
13. Commissioner, Municipal Corporation Manesar
14. Commissioner, Municipal Corporation Faridabad, B.K Chowki, New Industrial Town, Faridabad, Haryana - 121001.
15. CEO, Gurugram Metropolitan Development Authority (GMDA), 3, Sector 44, Gurugram, Haryana-122003
16. CEO, Faridabad Metropolitan Development Authority (FMDA), Sector 69, Faridabad, Haryana-121004
17. Senior Town Planner, Town and Country Planning, Gurugram, HUDA Complex, Sector 14, Gurugram -122001
18. Senior Town Planner, Town and Country Planning, Faridabad, STP, Faridabad HUDA Complex, Sec-12, Faridabad
19. Managing Director, Haryana State Industrial & Infrastructure Development Corporation Ltd. (HSIIDC), Plot No: C-13-14, Sector 6, Panchkula-134109 ,Haryana
20. District Municipal Commissioner, Jhajjar
21. Executive Engineer, HSIIDC Bahadurgarh, Jhajjar
22. Executive Engineer, HSVP Bahadurgarh, Jhajjar

23. District Town Planner, Town and Country Planning, Jhajjar
24. Commissioner, Municipal Corporation Sonipat
25. District Town Planner, Town and Country Planning, Sonipat
26. Estate Officer, HSVP Sonipat
27. AGM, HSIIDC, Barhi, Sonipat
28. AGM, HSIIDC Kundli Sonipat.
29. AGM HSIIDC, Rai, Sonipat.
30. AGM, HSIIDC, Kharkhoda Sonipat.
31. Sr. Manager HSIIDC, Rohtak
32. Senior Town Planner, Town and Country Planning, Rohtak
33. Commissioner, Municipal Corporation Rohtak
34. Administrator, HSVP, Rohtak

Rajasthan

35. CEO, BIDA, H-5, Bhagat Singh Colony, U.I.T., Bhiwadi, Rajasthan 301019
36. Commissioner, Municipal Council Bhiwadi 1/548, Sector 1 Rd, Sector 1, U.I.T., Bhiwadi, Rajasthan 301019
37. Resident Engineer, Housing Board, Bhiwadi
38. Secretary, Urban Improvement Trust (UIT), Alwar
39. The Commissioner, Nagar Parishad, Alwar, Church Road, Alwar, Rajasthan.
40. Resident Engineer, Housing Board, Alwar