

**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 - 371 DT Dated: 02 November, 2022

Subject: Dust control measures in C&D projects – Use of anti-smog guns.

WHEREAS, dust from the 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 PM2.5 and PM10 levels;

WHEREAS, the Govt. of India, 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" towards effective management and control of dust from the C&D Activities;

WHEREAS, the Central Pollution Control Board also issued "Guidelines on Dust Mitigation Measures in Handling Construction Material and C&D Wastes 2017";

WHEREAS, the dust mitigation measures *inter-alia* prescribed wet suppression, wind brakers, dust barrier screens, covering of construction material and C&D debris, proper disposal of C&D wastes including transportation in covered vehicles etc.;

WHEREAS, the field experience and inspection reports call for strengthening the compliance of dust control measures;

WHEREAS, it was felt by the Commission that effective monitoring of the compliance of dust mitigation measures in large number of C&D activities, which are ever increasing in the NCR, may not be achieved through physical inspections alone;

WHEREAS, with the above in view, the Commission under the powers conferred to it under Section 12 of the Commission for Air Quality Management in NCR and Adjoining Areas Act 2021, issued statutory

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Direction Nos. 11-18 on 11.06.2021 for all ongoing / upcoming C&D projects in the NCR (on plot area equal to or greater than 500 Sq. mtrs.) to be mandatorily registered on the web portal developed for the purpose by the NCR State Govts. / GNCTD, towards remote monitoring of such project sites for compliance of stipulated dust mitigation measures;

WHEREAS, the directions *inter-alia* also contains a check-list for dust mitigation measures and call for video fencing of the project sites etc.;

WHEREAS, use of treated water to mitigate large quantities of dust generated at construction and demolition sites through use of anti-smog guns, water cannons, sprinklers etc. was also called for in the above-noted statutory directions;

WHEREAS, the comprehensive policy to curb air pollution in the National Capital Region formulated and disseminated by the Commission in July, 2022, towards management of construction and demolition activities to reduce dust, stipulated deployment of adequate number of anti-smog guns in C&D projects sites, in proportion to the total construction area as under:

- At least 1 for a total construction area between 5000 - 10000 sqm.
- At least 2 for a total construction area between 10001- 15000 sqm.
- At least 3 for a total construction area between 15001- 20000 sqm.
- At least 4 for a total construction area above 20,000 sqm.

WHEREAS, the C&D projects were required to comply with the above mandatory requirements of anti-smog guns at the project sites w.e.f. 30.09.2022;

WHEREAS, the revised Graded Response Action Plan to deal with adverse air quality scenario that generally prevails in the winter season in the entire NCR, calls for enforcing guidelines for use of anti-smog guns at construction sites, right from the Stage I of the GRAP ("Poor" Delhi AQI between 200 -300);

NOW, THEREFORE, the Commission in exercise of the powers conferred upon it under Section 12 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021, towards mitigation of dust arising out of construction and demolition activities in the NCR further directs that:



All Construction and Demolition projects must deploy and ensure frequent and effective use of adequate nos. of anti-smog guns, in proportion to the total area of construction for the project as under;

At least 1 for a total construction area between 5000 - 10000 sqm.

At least 2 for a total construction area between 10001- 15000 sqm.

At least 3 for a total construction area between 15001- 20000 sqm.

At least 4 for a total construction area above 20,000 sqm.

The above-noted Directions may be given wide publicity and enforced strictly by all concerned. Non-compliance of these Directions shall be construed as contravention of the provisions of Commission for Air Quality Management in NCR and Adjoining Areas Act 2021 and may lead to penal action against the officials concerned under the relevant laws as well as imposition and levying of environmental compensation charges.


(Arvind Nautiyal)

Member-Secretary

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To

1. Member Secretary, UP State Pollution Control Board
2. Member Secretary, Haryana State Pollution Control Board
3. Member Secretary, Rajasthan State Pollution Control Board
4. Member Secretary, Delhi Pollution Control Committee

Copy to:

1. The Chief Secretary, Government of Uttar Pradesh, 101, Lok Bhawan, U.P. Civil Secretariat, Vidhan Sabha Marg, Lucknow – 226 001.
2. The Chief Secretary, Government of Haryana, 4th Floor, Civil Secretariat, Sector – 1, Chandigarh.
3. The Chief Secretary, Government of Rajasthan, Government Secretariat, Jaipur, Rajasthan – 302 005.
4. The Chief Secretary, Government of NCT of Delhi, 3rd Floor, Delhi Secretariat, I. P. Estate, New Delhi – 110 002.


(Arvind Nautiyal)
Member Secretary