

No.F.4(60)/2023-24/PWD-II/Roads/ 687-692  
GOVERNMENT OF NCT OF DELHI  
Public Works Department  
(CD No. 057742583)

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PWD Secretariat  
3<sup>rd</sup> Level, MSO Building, New Delhi  
Dated 11 June, 2024

**CIRCULAR**

**Sub: Air pollution safeguard enforcement at all PWD construction sites with areas larger than 500 square metre**

1. In pursuance of directions dated 11.06.2021 by the Commission for Air Quality Management (CAQM) in the National Capital Region and Adjoining Areas, the Delhi Pollution Control Committee (DPCC) formulated a 27-point checklist for air pollution safeguard enforcement at all construction sites with areas larger than 500 square metre. The following safeguards are to be complied with by all PWD construction sites –

**Mandatory Safeguards**

- (i) Installation of PM2.5 & PM10 sensors
- (ii) Installation of protective screens at the site
- (iii) Covering of vehicles transporting C&D material and debris
- (iv) Installation of Anti-Smog Gun(s) at the site
- (v) Covering C&D material or waste that causes dust
- (vi) Demarcation of enclosed spaces for grinding and cutting materials; utilisation of wet jets
- (vii) Water sprinkling on unpaved surfaces and areas with loose soil
- (viii) Cleaning and wheels-washing of vehicles carrying C&D material
- (ix) Proper installation of DG sets
- (x) Installation of CCTV cameras at the site
- (xi) On-site management or disposal of C&D material and debris
- (xii) Demarcation of enclosed spaces for mixing processes
- (xiii) Ensuring C&D material and debris is not dumped on public roads / undesignated sites
- (xiv) Displaying all 14 DPCC guidelines at the site

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### Desired Safeguards

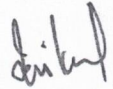
- (i) Paving roads leading to or at large sites
  - (ii) Provision of options for C&D waste recycling
  - (iii) Equipping site workers with dust masks
  - (iv) Making arrangements for medical treatment of site workers
  - (v) Minimisation of material drop height at transfer point & enclosures around it
  - (vi) Designing of site layout to minimise dust suspension
  - (vii) Usage of pre-fabricated materials & modular construction units
  - (viii) Proper shaping of storage piles to prevent steep sides or faces
  - (ix) Stabilisation of earthworks
  - (x) Wet cleaning processes are done using treated water
  - (xi) Usage of dust suppressants
  - (xii) Minimisation of distance travelled for delivery of materials
  - (xiii) Valid PUCCs held by vehicles used for material transport
2. In furtherance, a pilot had been conducted in collaboration with the Air Pollution Action Group (A-PAG) on the enforcement of said safeguards at shortlisted PWD construction sites. It was observed that the sites were not fully compliant with the same.
3. It is, therefore, directed that the following mandates be complied with by all PWD construction sites -
- (a) All construction sites shall install air quality sensors and a minimum of 4 CCTV cameras by 31<sup>st</sup> May 2024. Site Engineers shall ensure that all 4 cameras at each site are operational, and access to footage is shared with PWD Control Room and the A-PAG team.
  - (b) CCTV coverage shall include wheel washing station, anti-smog gun usage locations, C&D material aggregation points, and entry / exit gates to ensure effective monitoring.
  - (c) Relevant departments shall include Annual Maintenance Contracts as a clause in all future request for tender documents to facilitate timely repair and reliable transmission of CCTV footage to the PWD control room.

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- (d) A-PAG is directed to develop monitoring and reporting processes, and all sites (flyovers, buildings, roads and drains) must adhere to the prescribed procedures. A-PAG to coordinate with departments for seamless implementation.
- (e) Non-compliance with these directives will result in penalties, including but not limited to:

Instances of Non-compliance	Penalty (Per Instance)
Non-operational CCTV cameras for longer than 48 hours	2000
Lack of sprinkling on unpaved surfaces for longer than 4 hours	500
Uncovered C&D material (malba) for longer post end of work and/or 6 hours	500
Unwashed wheels/vehicles exiting construction sites	500

This issues with the approval of Pr. Secretary (PWD).



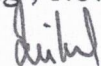
**(M.K. Nikhil)**  
**Dy. Secretary (PWD)**

To

1. The Engineer in Chief PWD, 12<sup>th</sup> Floor, MSO Building , New Delhi
2. All Chief Engineers of the PWD, MSO Building, New Delhi with further directions to provide list of all active flyover and building construction sites having estimated cost more than Rs.10 Crores to the A-PAG team and to coordinate with them for all future support needed for this programme.
3. All SE/EE/ through Chief Engineers
4. System Analyst, PWD with the request to develop a new module on e-monitoring portal for air pollution safeguard monitoring in co-ordination with the A-PAG team and to upload the Circular on the website of PWD under relevant section.

Copy for information to

1. PS to Pr Secretary, PWD, 3<sup>rd</sup> Floor MSO Building , New Delhi
2. PPS to Special Secretary, PWD-I , 3<sup>rd</sup> Floor MSO Building , New Delhi



**Deputy Secretary, PWD**