



No.172 /DG/EPA/2024
GOVERNMENT OF THE PUNJAB
ENVIRONMENTAL PROTECTION AGENCY
NATIONAL HOCKEY STADIUM FERROZEPUR ROAD, LAHORE
Dated: 03/01/2025



Subject: **ORDER U/S 6(1)(T) OF THE PUNJAB ENVIRONMENTAL PROTECTION ACT 1997 FOR DUST SUPPRESSION AND CONTROL AT BUILDING CONSTRUCTION SITES**

ORDER

WHEREAS, Environmental Protection Agency, Govt. of Punjab is striving hard to combat the devastating impacts of air pollution. Preventive measures against all the sources of air pollution have already been started by EPA as well as other concerned departments;

2. **AND WHEREAS**, as per Section 2(xxxiii) of The Punjab Environmental Protection Act 1997, **pollution** means the contamination of air, land or water by the discharge or emission of effluents or wastes or air pollutants or noise or other matter which either directly or indirectly or in combination with other discharges or substances alters unfavorably the chemical, physical, biological, radiation, thermal or radiological or aesthetic properties of the air, land or water or which may, or is likely to make the air, land or water unclean, noxious or impure or injurious, disagreeable or detrimental to the health, safety, welfare or property of persons or harmful to biodiversity;

3. **AND WHEREAS**, fugitive dust mainly comprises of airborne dust particles originating from construction activities such as excavation, demolition, loading, unloading, and vehicle movement.

4. **AND WHEREAS**, it is extremely necessary to make proper arrangements at building construction sites to suppress and control fugitive dust to protect environment from its adverse impacts.

5. **AND WHEREAS**, Section 6(1)(t) of the Punjab Environmental Protection Act 1997 empowers the undersigned to ***“take or cause to be taken all necessary measure for the protection, conservation, rehabilitation and improvement of the environment, prevention and control of pollution and promotion of sustainable development”***

6. **NOW, THEREFORE**, I, Dr. Imran Hamid Sheikh (PAS), in exercise of the powers conferred upon me under Section 6(1)(t) of the Punjab Environmental Protection Act

1997 do hereby order that the following Standard Operating Procedure (SOPs) shall be observed in all the under construction sites of Buildings:

A. Dust Suppression through Mist Sprinkler System

- i. It is mandatory for all under construction buildings to have proper mist sprinkler system installed around construction site before start of construction.
- ii. The Mist Nozzles shall be mounted at a distance of 2 ft from one another on water pipe, in leak-free manner. The water pipe shall be mounted on a stable structure.
- iii. The capacity and efficacy of Mist Sprinkler System shall be designed as per the dust emission level of the construction Site. The height of the system shall be adjusted as per construction altitude.
- iv. The operation of Mist Sprinkler System shall be adjusted based on weather conditions, wind patterns, and dust generation levels.
- v. Prevent water accumulation in areas where it may pose a slipping or electrical hazard or lead to breeding of dengue mosquito.

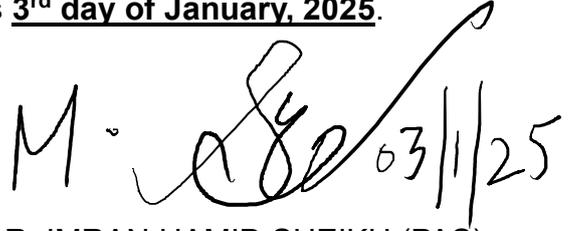
B. Dust Control through operational measures

- i. Store construction materials properly, including sand, cement, and aggregates, and do not leave it on the road.
- ii. Completely cover construction materials.
- iii. Install a curtain of at least 10 feet around the under construction building.
- iv. Use controlled methods for demolition and excavation to minimize dust pollution.
- v. Reduce the speed of trucks and trolleys when transporting soil or debris to reduce spread of dust.
- vi. Clean the construction site regularly to prevent soil accumulation.
- vii. Ensure water sprinkling during ground leveling.
- viii. Display these guidelines prominently on a cloth banner at the construction site.

7. This order shall come into force with effect from **20.01.2025 (Monday)** in the territorial jurisdiction of Punjab and shall remain in force until modified or withdrawn.

8. Any contravention to this order shall be punished U/S 188 PPC.

Issued under my hand & seal on this 3rd day of January, 2025.



DR. IMRAN HAMID SHEIKH (PAS)
DIRECTOR GENERAL
ENVIRONMENTAL PROTECTION AGENCY
PUNJAB

Copy forwarded for information & necessary action to:

- i. The Secretary Environment Protection & Climate Change, Punjab
- ii. The Secretary Housing, Urban Development and Public Health Engineering Department, Lahore.
- iii. The Secretary, Local Government and Community Development Department Punjab Lahore.
- iv. The Secretary, C & W Department Punjab, Lahore
- v. All the Commissioners of Punjab
- vi. The Chief Executive Officer, Ravi Urban Development Authority (RUDA), Lahore
- vii. The Director General, Lahore Development Authority (LDA), Lahore.
- viii. The Director General, Physical Housing & Town Planning Agency, Punjab Lahore.
- ix. The Chief Executive Officer Central Business District (CBD), Lahore.
- x. **All the Deputy Commissioners of Punjab for circulation among relevant government Departments and Chief Officers, MCs**
- xi. The DG Public Relations (DGPR) with a request to ensure wide publicity.
- xii. The Secretary, Judicial Water & Environment Commission (JWEC), Punjab
- xiii. The Additional Secretary (Staff), Chief Secretary's Office, Lahore.
- xiv. The Additional Secretary (Coordination), Chief Minister Office, Lahore.
- xv. The Chief Environment & Climate Change, P&D Board, Lahore.
- xvi. The Additional Director General (Ops & Imp), EPA Punjab
- xvii. PSO to Minister for Environment, Forest and P&D
- xviii. **All Deputy / Assistant Directors EPA with the direction to immediately disseminate this order through media in their District and ensure its implementation.**
- xix. The In-charge Smog War Room, EPA Headquarters, Lahore.
- xx. In-charge, Social Media Cell of EPA Punjab with the request to place this order on the website (epd.punjab.pk) and all the social media platforms
- xxi. PA to Director General EPA Punjab