

Existing Legislation and
court directions for Dust
Control measures in
Construction projects

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Dust in cities primarily results from demolition and construction activities. The demolition material and construction material are stored/transported without proper coverage and precautions, thus causing serious air pollution.

**NGT Orders in O.A. No.21 and O.A.
No. 95 of 2014 Namely Vardhaman
Kaushik Vs. Union of India &
Others Dealing with the Air
Pollution**

➤ **No Government, authority, contractor, builders or any person would be permitted to store/dump construction material or debris on metalled road.**

➤ **Beyond the metalled road the area for construction material or debris storage should be physically demarcated by officers of all the concerned Authorities/ Corporation ensuring that it would not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians.**

➤ **The construction material should be covered by tarpaulin and all other precaution should be taken to ensure that no dust particles are permitted to pollute air quality as a result of such storage.**

➤ **Put tarpaulin on scaffolding around the area of construction and the building.**

➤ **Appropriate protection measures should be taken by raising wind breakers of appropriate height on all sides of the plot/area using plastic and /or other similar material to ensure that no construction material dust fly outside the plot area and it will be the builder/contractor responsibility to ensure that their activity does not cause any air pollution.**

➤ It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules.

➤ The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.

➤ All the trucks or vehicles of any kind which are used for construction purposes/or are carrying any construction material should be fully covered. The vehicles should be properly cleaned, should be dust free and every necessary precautions is to be taken to ensure that any particles is not permitted to be released in air/contaminate air.

➤ **The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.**

➤ **Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.**

➤ **Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.**

➤ **Compulsory use of wetjet in grinding and stone cutting.**

- **Wind breaking walls around construction site.**
- **All the builders who are building commercial, residential complexes which are covered under the EIA Notification of 2006 shall provide green belt around the building that they construct. All Authorities shall ensure that such green belts are in existence prior to issuance of occupancy certificate.**

➤ All builders shall ensure that C&D waste is transported in terms of this order to the C & D Waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.

➤ Even if constructions have been started after seeking Environmental Clearance under the EIA notification 2006 and after taking other travel but is being carried out without taking the preventive and protective environmental steps as stated in this order and MoEF guidelines, 2010, the State Government, SPCB and any officer of any department as afore stated shall be entitled to direct stoppage of work.

Measures for dust control in construction projects

- **Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.**
- **Sprinkling of water and fine spray from nozzles to suppress the dust.**
- **For material storages / warehouses, Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust / particulate emissions. Fabrics and plastics for covering piles of soils and debris is an effective means to reduce fugitive dust.**

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➤ **Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks.**

➤ **All DG sets should comply emission norms notified by MoEF&CC, GOI**

➤ **Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.**

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➤ **Vegetation buffers can minimize the built-up of pollution levels by acting as pollution sinks.**

➤ **Heavy roadside planting in the form of shelterbelts can result in reduction in airborne dust. Complete dust interception can be achieved by a 30 m belt of trees.**

Thank you!