Dr. Nadia Mohammed

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Abatement strategies for particulate emissions

We can reduce particulate matter by reducing usage of particulate mater forming appliances, Avoid burning, quit indoor smoking, walk instead of vehicle, using solar energy, regular maintaining vehicle etc. Pollution prevention approaches to reduce, eliminate, or prevent pollution at its source, should be considered. Examples are to use less toxic raw materials or fuels, use a less-polluting industrial process, and to improve the efficiency of the process. In summary, source elimination is the most effective and often the least expensive method for PM control. More than 90% dust removal efficiency was observed within the indoor environments. Particulate matter (PM) is one of the most harmful inhaled pollutants. When PM is emitted into the atmosphere, the only possible method for cleaning ambient air is through vegetation acting as biological filters for pollutants.