



Environmental
safety is necessity
of technology

MAPLE ENVIRO PVT. LTD.

Environmental Technologies

" By Providing the Effective and Ecofriendly Dust
Suppression System with the Help of accessible
& Existing Sources"



In Respect of Maple Enviro Pvt. Ltd.

Amongst beating era of developing technology of Dust Suppression System all across the word, M/s Maple Enviro Pvt. Ltd., having it's Register office at Nagpur.- Maharashtra, have been emerged with one of the Advanced and Conservative technique of High Pressure Mist Fog Dust Suppression System, working since last Eight Years in Thermal power plants, Cements Plants, Material handling plants, bunker, loading, dumping and stock piling areas, However, material handling plants in mines, Coal Handling Plants, which are the potential source of air borne dust which is hazardous to manpower working the respective area and Environment.

We are glad to introduce ourselves as an Environment Protect Unit of " High Pressure Mist Fog Generation Dust Suppression System" "High Pressure Rain Gun Dust Suppression System" by adapting the Industrial Automation Technic in Traditional way at Nagpur (MH.) We provide PLC, SCADA based automation services along with Field Instrumentation, Installation and commissioning support, Up-gradation In Existing D.S Suppression System, MCC panels & Electrical panel manufacturing facilities as well.

We provide necessary Site Survey, Manufacturing, Design, Engineering, Supply, installation & commissioning Testing / Supervision support, Operation and Maintenance for Below work.:

- ✓ We Provide Complete Installation of DS. System of Mechanical work.
- ✓ We Provide Complete Installation of MCC, LCC, and PLC and SCADA Wi-fi and Web server based Electrical and Automation work
- ✓ Preparation and Submission of Mechanical, Electrical, Instrumentation, and PLC, Scada Graphics , Operation and Maintenance Manual.
- ✓ Provide required Trouble shooting for DS System.
- ✓ Installed DS system can be operated from respective Plant's CCR/DCS Room by Desktop or Laptop, System Operation is fully automized so does not required extra manpower

We accomplish our work with the Co-ordination and Experience of respective project's personal and considering the view of Personal's Growth along with the Environment and Industry.

Application Area

Maple Enviro Pvt Ltd. have worked and experienced in lots of Industrial havoc of Dusty Environment, However some major Industrial Location are mentioned here for fugitive Dust control, that area are of Cement and Power Plants and its some working premises.



Wagon Tippler



Truck Tippler



Conveyor Belts



Coal Stock yard

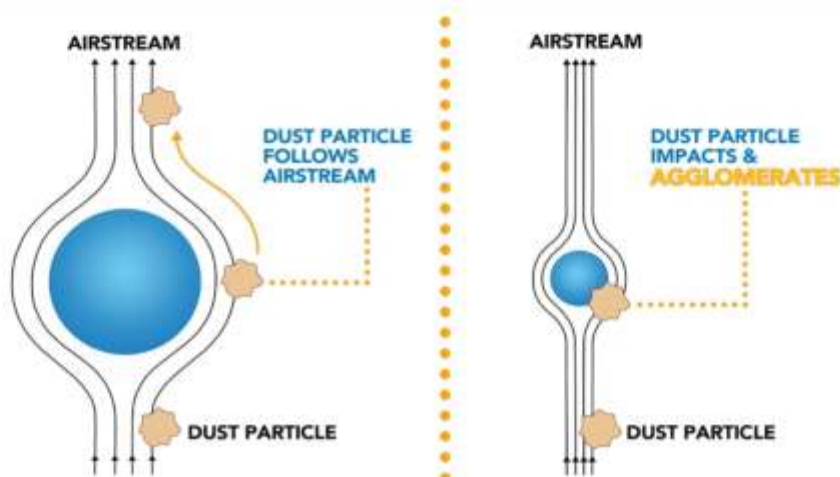
- ✓ Kiln Area of Cement Plants.
- ✓ Clinker Area of Cement Plants.
- ✓ Gypsum Area of Cement Plants.
- ✓ Fly ash Area of Cement and Power Plants.
- ✓ Iron ore of Cement Plants.
- ✓ Truck and Bulkar Movement area.
- ✓ Lime Stone Crusher of Cement Plants.
- ✓ Coal Crusher House and its Conveyor Belts.
- ✓ Coal Stock Yard, and Reclaimer stock yard.

Characteristics & Features Adapted In Dust Suppression System

- Years of Experience in the Field of Dust Suppression System.
 - Blend of Modern and Conventional Technique.
 - Used Raw and Industrial waste Water and Conventional Technique for Dust Suppression so System cost is Reduced.
 - We use High Pressure Multistage Pumps, which are specialized for Pressure rating up-to 25 kg/cm².
 - A filtration Unit is used for Pump Inlet Protection and safety from foreign body of water.
 - IP-Standard Panel Enclosure is used for Electrical (Panel, LCC, and JB).
 - High Pressure Mist Fog Generation Nozzles are used in SS Material. Which are robust and easy for Maintenance.
 - Special kind of Turbine Gear Operated Rain Gun are used for Dust Suppression system.
- Easy for Operation and Maintenance.
- We utilize user friendly equipment and Machinery so easy for Installation and operation.
 - Quality Products are used for Installation.
 - DS system can be set to Operate in Auto/ Manual Mode also Programmed in PLC.

Agglomeration Process

We Installed the Dust Suppression System which control over the Dust Particles of the dusty premises. We use Plane Raw Industrial water which is Pressurized up-to 20 to 21 kg/cm², which creates Mist Fog that controls the fugitive dust, through the system moisture is added less than 1% in that process agglomeration plays a major role. We can observe a small Dust Particles at Dust Generation Location which are 1 to 500 micron in size. We never use Compressed Air or chemical to Suppress the Fugitive Dust. System creates such small droplet of water which captures dust through agglomeration process .



Experience

We have installed High Pressure Mist Fog Generating & Raingun Dust Suppression System at following Location



Coal Truck Tippler



Coal Stock Yard



Plough Feeder Building



Conveyor Belt



Fly Ash Area



Limestone Hopper



Our Clients

MAHARASHTRA STATE POWER GENERATION CO. LTD.
Chandrapur Super Thermal Power Station.

MADHYA PRADESH POWER GENERATION CO. LTD.
Sarni Thermal Power Station. Sarni , Betul (MP)

RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.
Kota Super Thermal Power Station, Kota
Kalisindh Thermal Power Station, Jhalawar.
Chhabra Thermal Power Station, Motipura Chhabra.

UTLTRA TECH CEMENT LTD.
Awarpur Cement Works, Gadchandur. (MH)

ACC CEMENT LTD.
Kymore Cement Works, Kymore, Katni (MP.)
Chanda Cement Works, Ghuguss. (MH.)
Gagal Cement Works. (HP)
Lakheri Cement Works, Lakheri. (RJ)

KJS LTD. (KJS CEMENT LTD.) (MP)

WESTERN COALFIELD LTD. GHUGUSS (MH)



Infra structure



Maple

ENVIRO PVT. LTD.

Environmental Technologies

OFFICE

- Head Office: Is Located At Plot No - 42, Chimurkar Lay-out, Hudkeshwar Road, Nagpur - 440034
- The Facilities Comprise Of 1000 Sq Feet Of Office Space.

Maple

ENVIRO PVT. LTD.

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We Serve the mother earth
and environment with blend of
modern and traditional technic



MAPLE ENVIRO

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