

# DUST SUPPRESSION SYSTEM

**Kaveri**<sup>®</sup>

PLAIN WATER & WATER WITH CHEMICAL SYSTEM

Environmental Management and Pollution Control poses a major concern to all. There is a need for EFFICIENT POLLUTION CONTROL methods.

During the past decade, KAVERI has developed advanced technology for executing tailor made Dust Suppression Systems after analyzing the application and behaviour of dust particles.



KAVERI Heavy Duty Sprinkler

KAVERI Dust Suppression System suppresses dust at source by preventing it from becoming air borne or by returning it to the main material. The system utilizes water nozzles that produce fine mist droplets. The fine droplets suppress dust through agglomeration. Chemical based systems are used for improved retention and efficiency.

## THE EFFECTIVE ECONOMICAL DUST SUPPRESSION SYSTEM

- Suppresses dust before it becomes airborne
- Eliminates need for extensive collection equipment
- Eliminates time and costs of extensive service
- Solves "Impossible" dust problems
- Treated materials have carry-over advantages





## KAVERI Heavy Duty Sprinkler

### SALIENT FEATURES

- Easy to Instal / Maintain.
- Dust Generation is stopped at source.
- Reduced cost and rugged system.
- No adverse effect on product / material handled.
- No expensive equipment and disposal arrangement.
- System could be set to operate on Auto / Manual mode.
- Compatible to operate on plant PLC .

### APPLICATION

Asphalt Plants  
 Bauxite Handling Plant  
 Blast Furnaces  
 Barge Unloading  
 Ceramic Plants  
 Crusher & Screening Plants  
 Coke Plant  
 Coal Feeders

Cement Plants  
 Cargo Handling Plants  
 Coal Mining  
 Chemical Plants  
 Coal / Lignite Handling Plant  
 Fertilizer Plants  
 Foundries  
 Hopper Loading

Lime Stone Handling Plants  
 Ore Crushing Plants  
 Plants Foundries  
 Refined Ore Processing  
 Rock Crushing Plants  
 Ship Loading  
 Transfer Points  
 Truck Dump Hoppers

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