



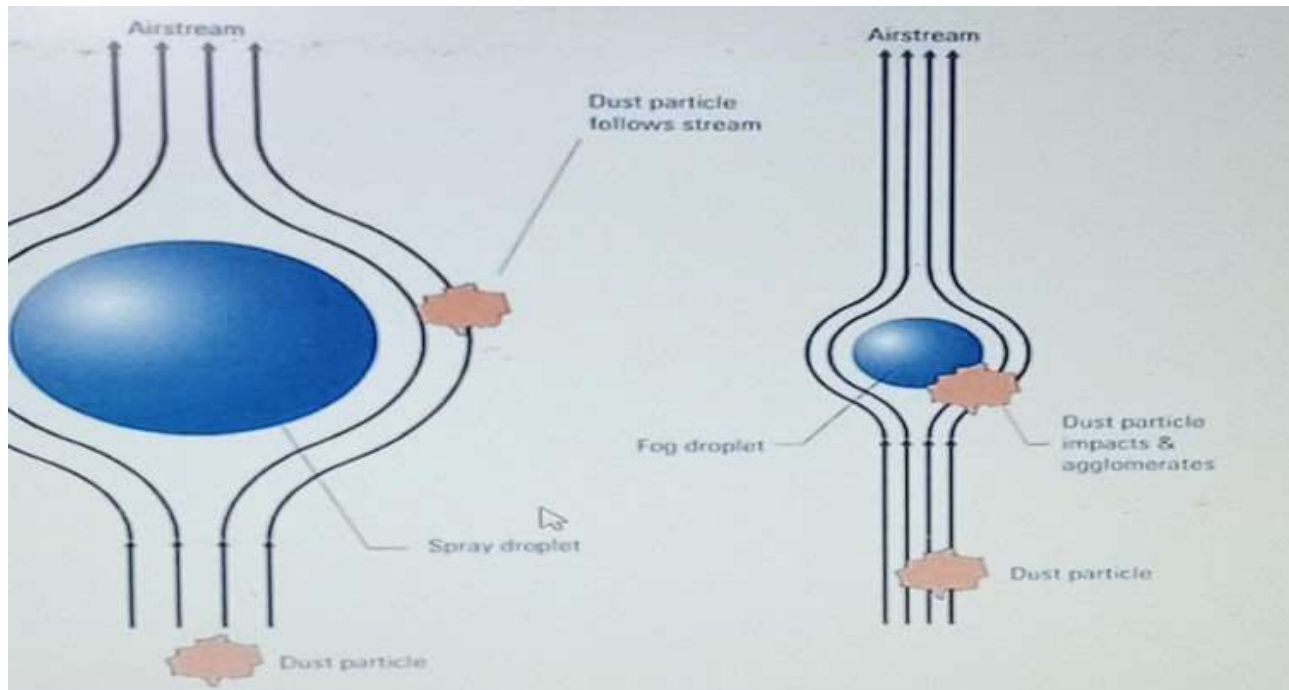
# TRACE

EMPOWERING ENVIRONMENTAL  
EXCELLENCE

## Empowering Environmental Excellence

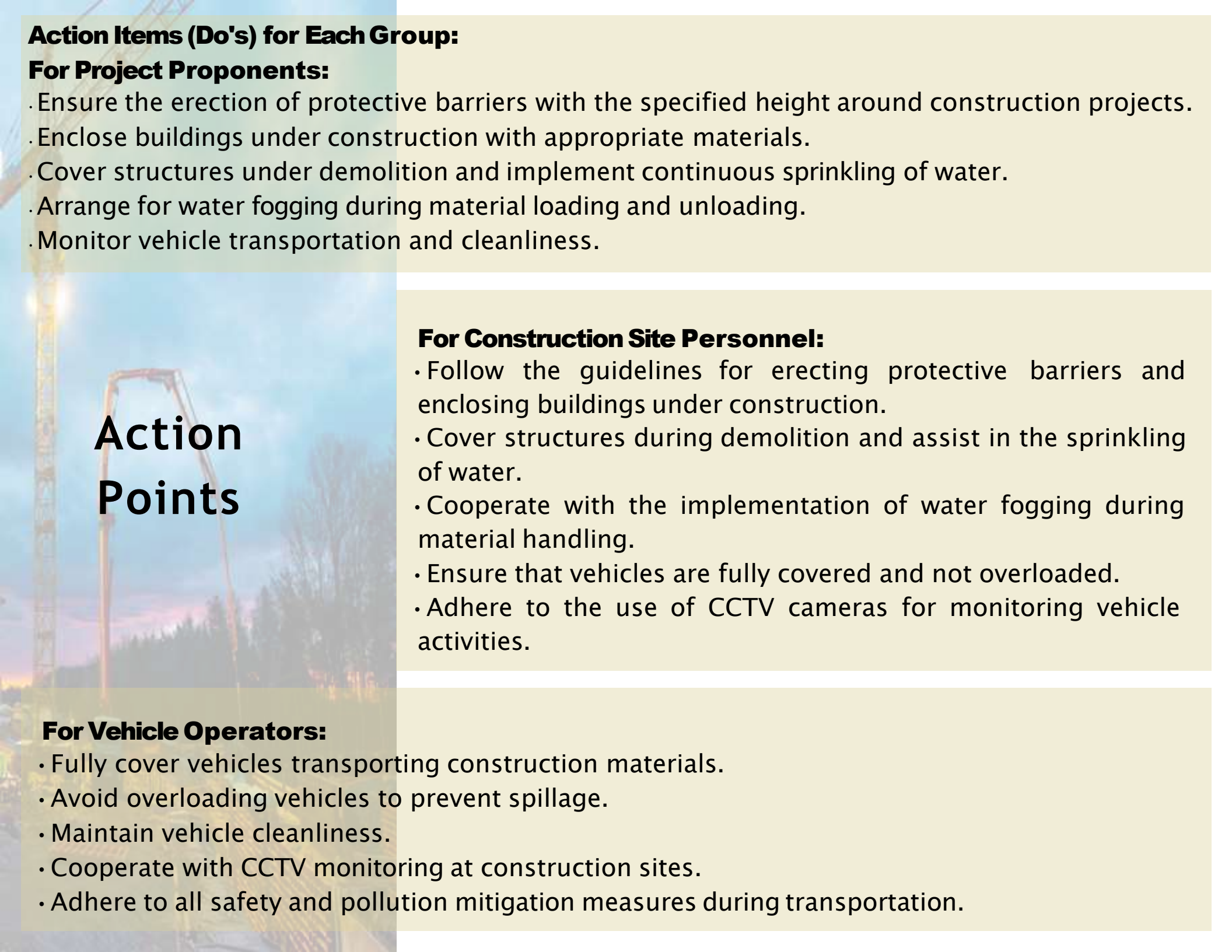
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## Technology Overview

- **Trace Anti Smog gun uses high Pressure water fogging with turbo air flow which creates a ultra fine fog consisting of very fine water droplets (50-150 microns size).These tiny water droplets absorb even the smallest dust particles in the air, yet fall to the ground without wetness.Particularly suited for dusty environment**
- **This Anti smog gun is Delivered at 4- 5 Ltrs (of water) per nozzle per minute, In a typical situation-0.05 grams of dust per cubic foot of airspace there would be , at any given moment, 210 times more water particles than dust particles ( this is assuming both have the same density). This anti smog gun also provides cooler temperatures in hot, dry outdoor situations, improving worker productivity, Inexpensive to operate, Lightweight and compact,moveable with off road wheels, quickly providing a safer, more comfortable environment while reducing labour costs.**
- **The Trace Anti Smog Gun can be a big money saver. Water consumption averages only 100-120 ltrs per min per fog, cannon. Operating cost, Depends on the size of the system.**



## Action Items (Do's) for Each Group:

### For Project Proponents:

- Ensure the erection of protective barriers with the specified height around construction projects.
- Enclose buildings under construction with appropriate materials.
- Cover structures under demolition and implement continuous sprinkling of water.
- Arrange for water fogging during material loading and unloading.
- Monitor vehicle transportation and cleanliness.

## Action Points

### For Construction Site Personnel:

- Follow the guidelines for erecting protective barriers and enclosing buildings under construction.
- Cover structures during demolition and assist in the sprinkling of water.
- Cooperate with the implementation of water fogging during material handling.
- Ensure that vehicles are fully covered and not overloaded.
- Adhere to the use of CCTV cameras for monitoring vehicle activities.

### For Vehicle Operators:

- Fully cover vehicles transporting construction materials.
- Avoid overloading vehicles to prevent spillage.
- Maintain vehicle cleanliness.
- Cooperate with CCTV monitoring at construction sites.
- Adhere to all safety and pollution mitigation measures during transportation.



Photos



# Our Services

At Trace Engineering, we are committed to helping you achieve environmental compliance with ease and precision. Our services encompass a wide range of solutions designed to meet the highest standards in environmental management. From efficient waste management to sustainable building design, we offer comprehensive expertise to ensure that your projects adhere to environmental regulations and best practices.

## We Can Help

At Trace Engineering, we understand the intricacies of environmental compliance and are well-versed in the evolving regulations. We offer tailored solutions to suit your specific needs, facilitating a seamless path to environmental excellence. By partnering with us, you gain access to:

1. Expert guidance on environmental policies and regulations.
2. Sustainable building design and certification expertise.
3. Efficient waste management strategies.
4. Cutting-edge air pollution mitigation products.
5. Ease up of compliance.

## Our Team

Our dedicated team comprises seasoned professionals with a deep-rooted passion for environmental preservation. With a wealth of knowledge and experience, we are well-equipped to guide you through the complex landscape of environmental compliance. Our experts specialize in diverse areas, from construction waste management to green building certification, providing holistic support for your sustainability initiatives.



## 30 Mtrs AUTOMATIC & MANUAL



	Manual	Automatic
Spraying Distance	30 mtr	30 mtr
		24 inch
Fan Diameter	24 inch	24 inch
Fan Blade	6 Nos	6 nos
Horizontal Rotating Angle	350 Degree	300 Degree
Elevation Angle	10 Degree-50 Degree	10 Degree-50 Degree
Fan Motor	5 hp Crompton electric motor	5 hp Crompton electric motor
Voltage	415 v/50 HZ	415 v/50 HZ
RPM	2800	2800
Water Pump Motor	1.5/2 HP/220V/415V/50 Hz/1440rpm (Lubi/CRI)	1.5 HP/220V/415V/50 Hz/1440rpm (CRI/Lubi) High pressure Multi stage Pump
Nozzles Quantity	18 pcs	18 pcs
Water Tank Capacity	1000 Ltr	1000 Ltrs
Electrical Control Panel	1 nos (to operate fan & pump) schneider (CRI/Lubi)	1 nos (1.5" stainless steel, 100 microns mesh filter with pressure gauge fitted in water tank washable and replaceable)
Hose Pipe	1 nos (to connect with pressure/booster pump)	1 nos (to operate fan & pump) schneider
Trolley for Anti smog gun	1 nos (Mounted with 4 wheels with rake arm)	1 nos (to connect with pressure/booster pump)
Operation	Handel level operation: 1 nos (for smooth vertex Handling up to 60)	1 nos (Mounted with 4 wheels with rake arm) 1 nos ( screw jack for smooth vertex Handling up to 60)
Horizontal Rotator	Manual	Automatic

## 50 Mtrs AUTOMATIC & MANUAL



	Manual	Automatic
Spraying Distance	50 mtrs	50 mtrs
Fan Diameter	28 inch	28 inch
Fan Blade	6 Nos	6 Nos
Horizontal Rotating Angle	0 to 300 Degree	0 to 300 Degrees
Elevation Angle	10 Degree-50 Degree	10 Degree-50 Degree
Fan Motor	10 hp Crompton electric motor	10 hp Crompton electric motor
Voltage	415 v/50 HZ	415 v/50 HZ
RPM	2800	2800
Water Pump Motor	3HP/220V/415V/50 Hz/1440rpm (lubi/CRI)	3 HP/220V/415V/50 Hz/1440rpm (lubi/CRI)
Nozzles Quantity	24 pcs	24 pcs
Water Tank Capacity	1000 Ltr	1000 Ltr
Electrical Control Panel	1 nos (to operate fan & pump) schneider	1 nos (to operate fan & pump) schneider
Hose Pipe	1 nos (to connect with pressure/booster pump)	1 nos (to connect with pressure/booster pump)
Trolley for Anti smog gun	1 nos (Mounted with 4 wheels with rake arm)	1 nos (Mounted with 4 wheels with rake arm)
Operation	1 nos (for smooth vertex Handling up to 60)	Fan guard mesh, 1 nos(1.5" stainless steel, 100 microns mesh filter with pressure gauge fitted in water tank washable and replaceable
Horizontal Rotator	1 nos (to Rotate anti smog gun Horizontally-180x2)	Rotate by Motor with dual gear assembly for 0-300 degree rotation of cannon with limit switch with Timer, 1 Hp motor Crompton/Havells/ Siemens, 2 Nos Limit switch and 1 Nos Timer 1440 rpm



Clients



## Our Partners

