



**Aakash Enterprises**

Quality Partner for Air Filtration



### Our Vision

"AAKASH ENTERPRISES devotes itself to "technical innovation" and "management innovation" in the long run, sparing no efforts to improve the service competence and service level. We strive to prevent pollution through the process of continual improvement."

### Introduction

At, AAKASH ENTERPRISES we are experts specializing in caring for the environment. AAKASH ENTERPRISES is your partner for dust collection system solutions, whether it be a bag house or cartridge collector; ESP parts, filters, and valves. cartridge collector; ESP parts, filters, and valves.

Our customers typically look for improved lead times, responsive service, a one source supplier, and cost efficient solutions. You can be rest assured that AAKASH ENTERPRISES will find just the solution that is right for you- get in touch with us now.

### What we can do for you?

AAKASH ENTERPRISES aspires to be a leading provider of complete dust collection systems. Our goals have been simple...

- To provide every customer with a dust collection system that meets or exceeds current environmental requirements.
- To provide innovative solutions for every application through use of state-of-the-art technology.
- To offer superior systems at competitive prices.
- To produce quality products on time and within budget .



► **Pollution Control Dust Collectors** ► **ESP Internals and Supporting Spares**  
► **Technical Services** ► **Annual Maintenance Contract** ► **Bag Filters Spares**





- Tempering air dampers including cooling gasses
- Crushing Area sprinkler system requirements
- Cyclone Design and requirements
- Custom Fabricated Structures

## ANNUAL MAINTENANCE CONTRACTS

We undertake comprehensive annual maintenance contracts and troubleshooting for existing projects. Proactive maintenance helps correct minor problems before they become major problems. Regular maintenance helps your equipment to operate more efficiently and saves you money.

## TECHNICAL SERVICES

AAKASH ENTERPRISES has the unique value proposition of customizing the solution, which leads to effective implementation of our services. We provide a high level technical service and expertise in supporting our customers reduce total operating costs.

- Problem solving and advising on action plan to bring the plant up to acceptable operating condition.
- Turnkey shutdowns and complete management of the works.
- Project and constructive management in order to ensure optimum plant operating conditions for minor to major repairs and refurbishment.
- Audits and inspections, providing detailed reports stating plant condition, preventative, predictive and recovery and maintenance requirements to the Client.
- On-going maintenance to ensure plant availability at optimum limits

We not only supply the replacement elements we can remove and replace the existing elements under a scheduled or emergency shutdown.

## KEY FILTRATION DEVICES SUPPLIED

Abort Gates, Acoustic cleaners, Axial Fans, Auto Drain Valve, Air Slides, Geared Motors, Compressed Air Filtration Systems, Discharge conveyors, Filter Press Cloths, Purge Air Filters, Material Separators, Moisture Separators, Sliding bearings, Impellers / Blowers and so forth.

## TYPICAL APPLICATIONS

Steel and Sponge Iron Plants, Iron foundries, Cement industry (raw cement powder and clinker dust), Power generation plants / Thermal power plants, Oil Refineries, Food Industries (Flour Mills, Spices, Sugar Plants etc)., Ceramic Industries, Textile Industry, Fly ash discharge, Coal and Ash handling units, Mining and Metallurgical units, Pharmaceutical, Pulp and Paper Industry, Industrial Boilers and General Industrial Dust Collection, Industries generating dust and engaged in crushing of solids and handling bulk solids and more.

## SERVICES

AAKASH ENTERPRISES specializes in designing and providing small and large dust collection systems that are a fit for you. We try our best to be responsive in order to help prevent plant shut downs, air quality fines, and production failures because we understand how important that is to our customers.

- Design, Fabrication, Supply and Installation of Bag Filter Systems and all types of APC Systems.
- Supply of spare parts for all types of APC Systems.
- Valve and Filter Change-Outs
- Minor to major repairs and refurbishment.
- Manufactures and provides replacement and upgrade components for all types of APC Systems.
- Provides a full line of maintenance services for your dust collector, ESP, Baghouse or Cartridge Collectors.
- Dust Collector Conversions
- Supervision, Erection and Commissioning of new and existing APC Systems.

Apart from above mentioned services; we are also able to offer a wide range of high quality alternative filter elements which meet or exceed the original OEM specification.

AAKASH ENTERPRISES can provide a full range of design for not only bag-houses, dust collectors, and cartridge dust collectors but also the following:

- Goal based technical recommendations and conceptual designs
- Bulk material handling systems design
- Ductwork, Ducting Design and supply
- Screw conveyor and Rotary valve design and flow requirements
- Exhaust vent and hoods, flow rates, designs and pressure losses



## DESIGN AND SUPPLY

AAKASH ENTERPRISES offer a variety of dust collection systems, most of which are designed to fit each individual application. Competitive companies can't afford to make mistakes. We will help you find the solution that best fits your needs and at a price that will fit your budget.

### ELECTROSTATIC PRECIPITATORS

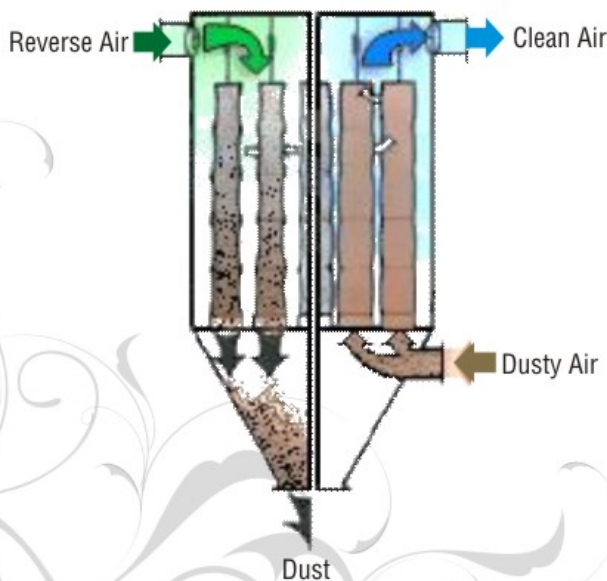
AAKASH ENTERPRISES provides replacement and upgrade components for all types of precipitators. Our objective is always to make your ESP operate the best it possibly can at the best possible cost. If we don't make it we can find it.

We are able to supply all components of the major ESP OEM's make, namely; ACC,ALSTOM, BATLIBOI, BHEL, CHEEMA, ETS-ELEX, THERMAX, VT-CORP and others.

We supply Collecting Electrodes, Discharge Electrodes, all types of Insulators, MIGI Rapper Coil assembly, all types of diodes, Transformer / Rectifier Parts, Rotary Air Lock Valves, Purge Air Filters(panel-type), Filters for Air Seal Systems, Boot Seals, Rapper attachments etc.

### REVERSE AIR BAG FILTER

AAKASH ENTERPRISES utilizes a rotary positive displacement blower to provide air for the reverse air cleaning system. A rotating arm assembly directs the cleaning air to the filter bags. An electronic timing system assures that the filter bags are cleaned at the proper time. The motor and drive assembly for the rotating cleaning arm is oversized to provide trouble free service.

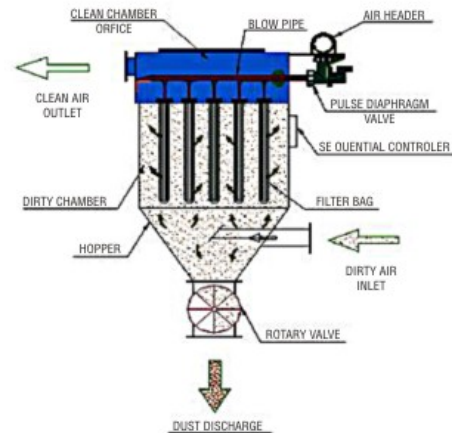


### BENEFIT

Ultra high filtration efficiency with low maintenance requirements. The low air pressure cleaning system will not have the freezing problems that high pressure compressed air cleaning systems can encounter.

### BAG FILTERS/FABRIC FILTERS

- Reverse air type (open type circuit / closed circuit)
- Pulse Jet Bag Filters (standard / vent type) and Cartridge type collectors
- Mechanical shaker type (manual / automatic) and Modular unit type Dust Collectors



### PULSE JET BAG FILTERS

Depending on the amount of exhaust gas requiring treatment, we deliver bag filter systems as compact de-dusting units or as single and multi-unit chamber filters. Bag houses are engineered for a broad micron range of dust.

Our Cartridge Bag Filters are superior in their compact design, minimal energy consumption, long filter cartridge service life, and low noise level. High-quality filter media, combined with a cleaning system tuned to the filter cartridges, form the foundation for these products.

### SALIENT FEATURES

- Low investment costs through compact construction and a high air-to-cloth ratio based on optimal gas and particle distributions in the filter as well as best possible utilization of the entire filter surface
- Low fan energy costs through low pressure loss due to a lower plant resistance as the result of flow optimization and right filter medium selection
- Low costs for compressed air due to less frequent cleaning, high proportion of secondary air and low cleaning pressure
- Long service lifetimes for filter bags and filter cartridge assured by selection of the appropriate medium and bag-friendly, gentle cleaning process.

## DUST COLLECTORS

- Settling Chamber and Baffle Chamber
- Centrifugal Collectors
- Single-cyclone and Multiple-cyclone Separators



AAKASH ENTERPRISES provides customized designs to accommodate your needs. Our dust collectors provide industry with the ideal tools to clean and treat their emissions into the atmosphere. Having a dust collection system customized to accommodate your particular needs ensures that you're getting exactly what your workshop requires to effectively handle your dust issues.

A cyclone dust collector provides high-efficiency separation of dust and particulates from plant and process air. They can handle high temperatures, high moisture content, and high airflow. Cyclones are sometimes used as pre-filters to remove large, coarse, hot, or moist particles that could damage filter media in other types of collectors.



## BAGHOUSE BAGS

- ✓ Optimum Performance
- ✓ All Styles
- ✓ Specialty Fabrics
- ✓ Cleaner Air
- ✓ Custom Solutions
- ✓ Economical
- ✓ Technical Assistance
- ✓ Special Features & Accessories

## FILTER BAGS

AAKASH ENTERPRISES understands the task of selecting, installing, and using the correct dust collector filter bag. Whether you are interested in improving filter performance, accommodating lead times, or increasing your filter life, we may have a cost effective solution for you.

## FILTER BAGS MEDIA

AAKASH ENTERPRISES, makes filter bags in Fiberglass, Fiberglass w/ Teflon B and PTFE membrane, P84(Polyamide), P84 w/ PTFE membrane, Teflon w/ PTFE membrane, PPS or Ryton, PPS or Ryton w/ PTFE membrane, Aramid or Nomex, Aramid w/ PTFE Membrane, Nomex w/ PTFE membrane, Acrylic Homopolymer, Polypropylene, Duo Density Polyester, Polyester w/ PTFE membrane, Woven Polyester and more.

## CONSTRUCTIONS:

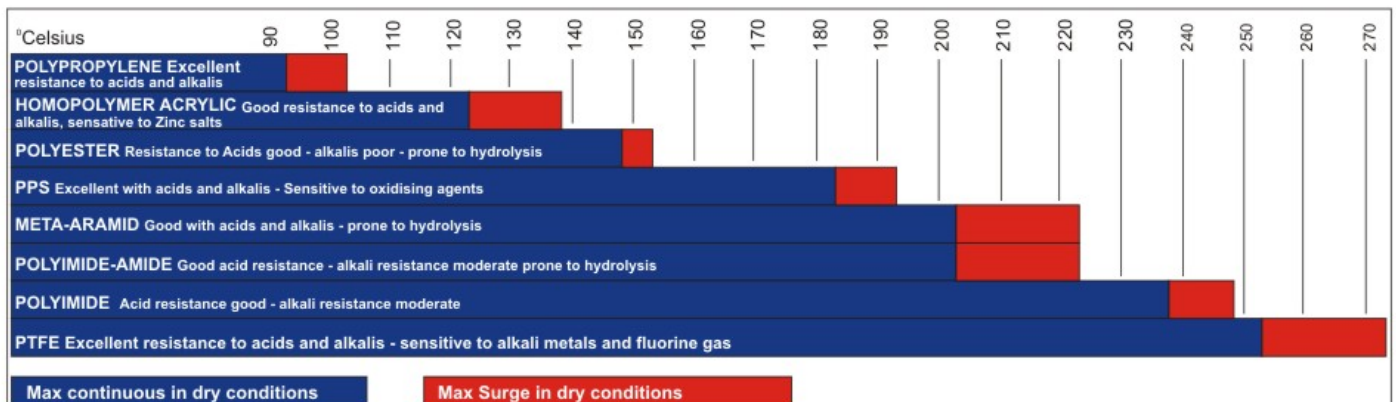
Snap Band Top, A-Hanger, Raw Edge, Grommet, Cord, Loop, Strap, Disc Bottom, Disc w/ Wear strip, Flange, Hem, Sewn Flat, Envelope, Flange and more..

## FEATURES

- Easy to install
- Powder bin cum hopper
- Less floor space occupation
- Easy maintenance
- Long functional life
- Durable and low maintenance

## APPLICATIONS

- Powder conveying industry
- Abrasive industry
- Rubber industry
- Cement industry
- Particle Board Industry
- Dust Generating Industries





# AIR POLLUTION CONTROL SPARES

## ESP Accessories

Support Insulators, Rapper Insulators and Attachments, Feed-Thru and Bus Insulators, Anti-Sway Insulators and Assemblies, Epoxy Replacement Insulators, Impact Rappers, MIGI Flange Mounted Rapper, Rapper Coils, Rapper Plungers, Vibrator Conversions, Springs, Bus Ducts, Insulator Heaters, Hopper Level Indicators, Emitting Electrodes, Access Doors and Slide Gates, Expansion Joints, Collecting Electrodes, Transformer / Rectifier Parts, Rotary Air Lock Valves, Filters for Air Seal Systems, Boot Seals, Rapper attachments.



## BAG FILTER Accessories

Dust Collector Bag / Filter Bag, Filter Cage, Ventury, Solenoid Valve, Diaphragms, Sequential Timer, Rotary Air Lock Valve, Screw Conveyor, Centrifugal Fan/ID Fan, FRL Unit, Cartridge Filters and Pleated Bags, Manometer, Quick Release Clamps, Hanger, Laser Cut Tube Sheet, Differential Pressure Gauge, Pressure Switch, Pneumatic Tensioning Tool, D-Caps, J-Hook etc.







*Why Us*



AAKASH ENTERPRISES provides "Efficient Dust Collection Solutions for a Cleaner Environment"

AAKASH ENTERPRISES creates partnerships with customers who are seeking accommodating lead times, custom fitted dust collector filter bags, cost effective solutions, and responsive service.

In order to be able to address customer's requirements, AAKASH ENTERPRISES has adopted an approach wherein we are able to integrate various components of the solution and provide you with One-Stop Solutions.

It is important to us that we find out what is important to you, and offer the most effective solution for your specific dust collector needs.

If you are interested in accomplishing the APC items mentioned in the catalog herein, then you may want to give us a call for your next dust collector project or filter bag / cartridge change-out.

AAKASH ENTERPRISES exists to provide nothing but the best, and we look forward to winning your trust. We are sure that with this approach, we will be able to offer you a very high degree of reliability, availability and service delight.

## SAVE NATURE SAVE EARTH

There are things we can all do right now to help save the climate. Small changes in our daily lives can collectively make big differences.

If we all work together, we can make the world cleaner and greener place to live !

*You've heard it before,  
but it's still great advice.*

To discuss products, availability and applications for any of the above services, please contact:



**Aakash Enterprises**  
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Office : Flat No. 09, Shiv Gouri Niwas, 2nd Floor,  
206/35, Brij Vihar Colony, Rau, Indore - 453 331  
Cell : 96853 33633, 99074 33858  
Email : info@akashenterprises.co.in, subhash@akashenterprises.co.in  
Website : www.akashenterprises.co.in

