

Industries Served :

- ◆ Mineral Processing
- ◆ Power Plants (Coal, Gas & Biomass)
- ◆ Cement Plants
- ◆ Steel, Sponge Iron, DRI Plants
- ◆ Ferro Alloys Plants
- ◆ Non Ferrous (Alu, Cu, Zn, Lead & Tin) Industry
- ◆ Fertilizer Plants
- ◆ Chemical Industry
- ◆ Solid Waste (Municipal & Chemical)
- ◆ General De-Dusting System (Nuisance Areas)
- ◆ Rock Crushing Plants & Quarries
- ◆ Food & Dairy Industry
- ◆ Sugar Refineries
- ◆ Plastic Industry



FC FLEX-CLEAN
Systems Private Limited
(An ISO 9001 – 2015 Certified Company)

Your Partner in Protecting Environment



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- ◆ Air Pollution Control
- ◆ Bulk Material Handling
- ◆ De Dusting Systems
- ◆ Bag House Parts & Accessories
- ◆ ESP Conversion to Bag House
- ◆ Fume Treatment Plants
- ◆ ESP Parts & Services

Introduction

Flex-Clean Systems Private Limited is a proven worldwide player in Design, Manufacture and Application Engineering of Bag Filters, Bag House Filters, parts and accessories related to Air Pollution Control activities. **Flex-Clean** has been applying filtration expertise to many of the industrial applications, where dust nuisance is a serious problem.

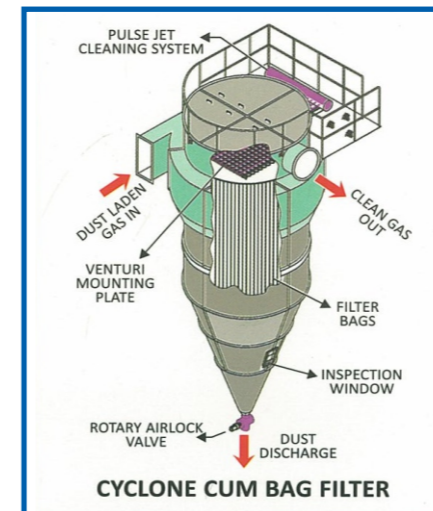
You can have a over view of typical dust nuisance area applications in each of the industry by visiting our website www.flexcleanindia.com

You will also find **Flex-Clean** Products & Services that will address your problems satisfactorily . Contact us and we will setup an onsite visit your facility. Our application experts can study the problem and provide you the best workable solutions for any of your problems.

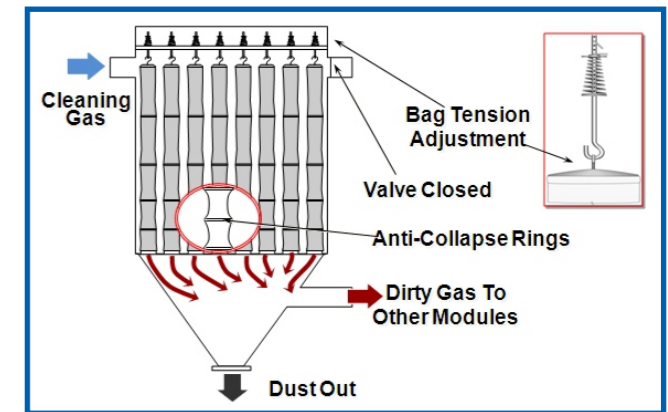
Flex-Clean can be your long term partner to reckon with, to any of your Environmental & Engineering related issues.



Filtration Concepts



Reverse Air Bag Filter



Product Range

- De-Dusting Systems
- Fume Extraction Systems
- Dust Extraction Systems
- Fume Treatment Plants
- Wet Gas Cleaning Plants for Blast Furnace, Convertors & Gaseous Fumes
- De- Sulphurisation Plants
- Bag Filter Units (Pulse Jet/Reverse Air)
- Material Handling Systems (Conveyors/ Prmatic)
- Bag Filter Upgrades & Capacity Enhancements
- ESP Upgrades, Efficiency Improvements
- ESP Conversion to Bag House



Centrifugal Fans

- Radial Bladed
- Backward Curved
- Backward Inclined
- Air Flow Capacity Range: 1000 M3/Hr to 5,00,000 M3/Hr
- Static Pressure Range: 50 MMWC to 1200 MMWC
- Single Stage & Double Stage



Replacement Parts Like:

- Fabric Filter Bags
- Cages (MS/ GI / SS)
- Rotary Air Locks, Screw Conveyors
- Quick Release Clamps
- J-Hook Assembly, Thimbles
- Door Seal Gasketing
- Corrosion Resistant Finishes
- Diaphragm & Solenoid Valves, Repair Kits, pilot Boxes
- Sequential Timers

MAINTENANCE SERVICES & LABORATORY ANALYSIS:

- Bag House Renovation and Inspection.
- Bag House Preventive Maintenance Work.
- Bag House Retrofits, Rebuilds and Painting
- Airflow Study



Fiber Characteristics (Typical)

| | Polypropylene | Polyester | Acrylic | Fiberglass | Aramid (Nomex) | Ryton (Procon) | P84 | Teflon |
|--|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|
| Max. Continuous Operating Tempera | 170°F (77°C) | 275°F (135°C) | 265°F (130°C) | 500°F (260°C) | 400°F (204°C) | 375°F (190°C) | 500°F (260°C) | 500°F (260°C) |
| Abrasion | Excellent | Excellent | Good | Fair | Excellent | Good | Fair | Good |
| Energy Absorbison | Good | Excellent | Good | Fair* | Good | Good | Good* | Good |
| Filtration Properties | Good | Excellent | Good | Fair | Excellent | Good | Excellent | Fair |
| Moist Heat | Excellent | Poor | Excellent | Excellent | Good | Good | Good | Excellent |
| Alkalines | Excellent | Fair | Fair | Fair | Good | Excellent | Fair | Excellent |
| Mineral Acids | Excellent | Fair | Good | Poor** | Fair 1 | | Good | Excellent |
| Oxygen (15%+) | Excellent | Excellent | Excellent | Excellent | Excellent | Poor2 | Excellent | Excellent |

Note : The information presented above is provided for general guideline purposes. Varying set of conditions may affect performance.

Web: www.flexcleanindia.com