

# Cement / Steel / Power / Wood Industry

All these different sectors use our Filtration products for pollution control, sludge dewatering, pneumatic conveying, and many to name, Amrit Filtration Equipments manufactures whole range of products for these entire sectors,

- **Cement Industry Filtration Solution**

A significant component of any cement plant is the dust collector. Dust, or more properly particulate matter, at a cement plant is usually caused by physical attrition combustion, particle burnout, or nucleation. Physical attrition occurs as particles roughen against each other. Particles generated by physical attrition vary from less than 10 micrometers in size to more than 1,000 micrometers. Combustion particle be exhausted refers to the residues remaining from the pyroprocess. These particles are normally in the 1 to 100 micrometer range. Nucleation particles are generated whilst materials that are in a vapor form condense. These particles are really very small, by and large between 0.1 and 1.0 micrometers.

Dust collectors have further more than one elementary function:

These control systems make available the low particulate matter emission levels mandatory by regulatory requirements, and they diminish localized dust emissions that could hold back maintenance of plant equipment and vehicles. In the case of the pyroprocessing systems, a noteworthy fraction of the plant production is captured by the particulate matter control device and returned to the kiln.

**Amrit Filtration Equipments**

High competence fabric filters have been used in this cement industry for more than 40 years. They are brought in use for controlling emissions from cement kilns, clinker coolers, alkali bypass gas streams, raw mills, finish mills, material handling systems, product bagging, and rail load out. The majority of cement plants have between 40 and 80 separate different fabric filter control systems ranging in size from 30 actual cubic meters per minute capability to more than 100,000 actual cubic meters per minute capability. There are frequent design types in service. Click here to visit our product section for more details

- **Steel Industry Filtration Solutions**

The Steel manufacture industry is frequently challenged with keeping procedure fluids clean due to the character of the intense environment they operate in. We are a foremost provider of oil filters for the steel industry. Our fluid decontamination systems serve up to steel and other manufacturers.

Applications consist of:

1. Protection of hydraulic equipment
2. Servo valves
3. Proportional valves
4. Pump protection
5. Quench tanks
6. Nozzle protection
7. Pre-filter to membranes

Amrit Filtration Equipments is a boss in fluid purification for the steel industry by delivering way out driven pollution control products. Steel mills use our Amrit Filtration Equipments filter products to offer reliable operation and deliver expenditure savings. Our products and services make available round the clock service to mills all the way through India. The steel industry and steel coating procedure have come to depend on us for providing cost effectual products and solutions that minimize the costs of their operations and amplify productivity. Click here to check the products we manufacture to provide for the steel industry.

Our Regular Filtration products for the Cement, Steel, Power & Wood Industry are:

1. [Dust Collector spares](#)
2. [Filter press panels](#)
3. [Portable dust collectors](#)

**Amrit Filtration Equipment**