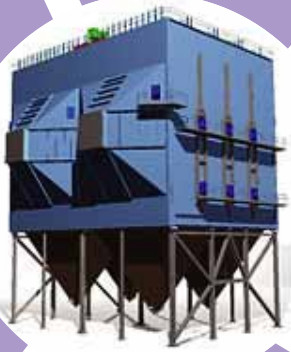


Insulators for Electrostatic Precipitators

Air Systems (ASL) has established itself as the Global one stop shop for all the products and services related to Electrostatic Precipitators. We offer high quality mechanical parts for all makes of precipitators (Flakt, Alstom, Lurgi, Elex, Research Cottrell, FLS, Lodge Cottrell etc.), along with different types of Insulators.



We supply wide range of High Alumina & Porcelain Support & Shaft Insulators for Electrostatic Precipitators to aid in the operation and maintenance of the ESP system. The Support Insulators are installed at the top of the Electrostatic Precipitator and are generally housed in a heated compartment. Our high voltage Porcelain Insulators are manufactured to mechanically support & electrically isolate the ESP Electrodes from the casing & are designed to withstand both load as well as temperature. Years of experience of inspection, evaluation, troubleshooting and rebuilds of different precipitators designs have enabled us to develop the toughest & wear resistant parts for Electrostatic Precipitators. We export ESP parts to various countries. We can supply all makes and types of Insulators for ESP.

Makes Of Precipitators

Elex, Alstom-Flakt, BHA, Belco, FLS
Hamon-RC, Korea Cottrell
Walther, Lodge-Cottrell
Lurgi, Wheelabrator, Rothemuhle
Mhi, Khic, EEC, Bhel, Thermax

Type Of Insulators For Precipitators Offered by ASL

Pedestal Support, Post Insulator, Shaft Insulator, Rapper Insulator, Support Cylinder Insulator, Support Tapered Insulator, Wall Bushing.

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AirSystems sells all types of ceramic insulators: hollow and solid cores and insulators with a special body for Electrostatic Precipitators. These includes High Tension/ High Alumina Conical Insulators; Cylindrical Insulators; Support Insulators. HV Rapping Bar Insulators; Rotating Shaft Insulators; Pulling Rod Insulators; We offer most of the insulators in two material grades - standard porcelain and high grade Alumina.

Insulators

When an insulator fails in a precipitator, there can be disastrous consequences. Electrical fields can be shorted out, lower guide frames can start swaying, discharge electrode rapping can be lost, or high voltage conductors can contact ground. If a support insulator fails, the high voltage frame in that field can fall. Time is of the essence when an insulator needs to be replaced. We not only stock most common insulators but we also supply High alumina versions which have vastly superior strength and electrical properties over standard porcelain. Insulators supporting the high voltage system are of porcelain or alumina and must be kept free of dust and moisture to prevent arc-over.



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