



## REPAIR, UPGRADE & PREVENTATIVE MAINTENANCE OF ELECTROSTATIC PRECIPITATORS

Air Systems has the expertise to provide highly trained eyes & ears for Electrostatic troubleshooting, maintenance/repair and start up. We offer 24/7 precipitator repair services, maintenance and ESP field rebuilds at a reasonable cost. To improve the precipitator repair turn around time, our "precipitator replacement parts division" maintains a full inventory of ESP parts including insulators, rappers, discharge electrodes etc.

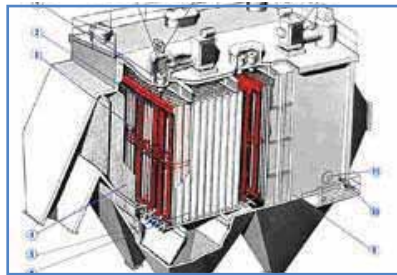
With today's increased regulations on air pollution control, it is important that all the electrostatic precipitators (ESP) are regularly serviced and their efficiency is optimized.

Air Systems specializes in both wet and dry ESP repair, precipitator upgrade & preventative precipitator maintenance that can effectively reduce particulate emissions.



### Types of Precipitator Repairs:

From aging electrostatic air cleaners to modern industrial electrostatic precipitators, Air Systems can repair virtually every class of ESP precipitator in the market. We are experienced with repairs all the popular makes of electrostatic precipitator. Our precipitator repair field service crews are on call 24 hours a day for everything from routine precipitator maintenance to ESP field rebuilds.



### Electrostatic Precipitator Services:

Beginning with our foundational consulting expertise, we produce a full complement of professional and technical services for the precipitators users. Air Systems has an unsurpassed array of services, including supervision during shut down Maintenance, installation and turnkey support, field service and inspection, flow modeling and resistivity testing. The Air Systems field service team is experienced with on-site data gathering, analysis and troubleshooting. Once Air Systems has an understanding of system or performance issues, we can deploy the right staff with the necessary expertise.

### Training:

Air Systems also offers on-site hands-on training and resources to enhance the customers' knowledge and skills regarding electrostatic precipitator performance.

### Mechanical Systems:

Wear of mechanical system is inevitable in the demanding conditions in which electrostatic precipitators operate. Rebuild & Replacement of Spare Parts capabilities can improve performance, increase capacity and add years of service life to aged equipment.

### Electrical System:

Significant improvement in control technology affords the opportunity to improve electrostatic precipitator performance or improve reliability by upgrading existing systems through the installation of state-of-the-art microprocessor based controls.

### Replacement Parts:

We maintain an extensive inventory of replacement parts for electrostatic precipitators of all Manufacturers. Early shipment is available for stock items.

Air Systems offer solutions to the all ESP related problems including:

- Back Corona
- Problem of cracked Insulator
- Air in leakage through hoppers
- Corrosion
- Gas Bypass around ESP
- Heavy Deposits on plates of ESPs
- Stack Puffing
- Control tripping
- Poor Electrode Alignment
- Broken Electrodes
- Distorted or skewed electrode plates
- Vibrating or swinging electrodes

