

## DUST COLLECTOR / BAGHOUSE MAINTENANCE GUIDE



To maximize dust collector performance, boost baghouse efficiency, and obtain the optimum life from the filter bags and other replaceable parts, the following inspection and maintenance guidelines may be a useful tool.

### DAILY:

- Visually inspect dust collector for signs of abnormal operation
- Check the stack monitor (if applicable), or visually inspect for signs of dusting
- Check and record differential pressure (normal operation is 3" – 4" of water)
- Listen to the cleaning cycle to ensure all valves are firing properly

### WEEKLY:

- Visually inspect the bags for tears, holes, and to ensure they are seated properly
- Check fans for wear
- Inspect all hoses, clamps, and air lines to the baghouse
- Monitor the dust collector discharge to ensure that the dust is being removed sufficiently

### MONTHLY:

- Clear the differential pressure gauge lines
- Check the compressed air system, including filters, and water traps
- Inspect the timer board to ensure proper cleaning sequence
- Monitor the solenoid and pulse diaphragm valves to ensure proper firing
- Check drive assemblies on all fans, discharge valves, and screw conveyors

### QUARTERLY:

- Inspect all door gaskets and seals
- Perform thorough inspection of all filter bags and cages
- Inspect the dust collector for corrosion and wear
- Inspect the internal baffle plate (if applicable) for wear

### ANNUALLY:

- Inspect hoppers for wear
- Repair or replace wear parts on cleaning mechanism

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