

One Source

Environmental compliance?
System optimization?
Mechanical reliability?
Troubleshooting?



Who's watching over **your baghouse?**

Optimize your APC system and take advantage of our industry expertise.

Work with your local AFT team to provide solution based products and services designed to improve baghouse performance and eliminate compliance concerns.



Recommended maintenance schedule

Daily

Stack opacity monitor	<ul style="list-style-type: none">- Check for increase in average opacity- Check for abnormal spikes following a compartment cleaning
Pressure drop	<ul style="list-style-type: none">- Check for ability of system to maintain pressure drop within normal range, with normal cleaning frequency
Cleaning system controls	<ul style="list-style-type: none">- Verify that all dampers are opening and closing in a normal manner
Compressed air supply	<ul style="list-style-type: none">- Verify the level of compressed air pressure is normal- Verify the pattern of compressed air usage during a cleaning cycle is normal
Inlet and outlet temperature	<ul style="list-style-type: none">- Verify that temperatures are within normal and acceptable ranges
Removal system	<ul style="list-style-type: none">- Verify the normal operation of conveying system- Check dust is being removed from the hoppers
System fans	<ul style="list-style-type: none">- Check fan bearing temperature and vibration detector recorders

Weekly

Cleaning system	<ul style="list-style-type: none">- Perform system walk through and check for pulse valve leaks or malfunctions- Check damper cylinders and valves for leaks and proper operation- Repair components identified as defective during daily checks
Removal system	<ul style="list-style-type: none">- Perform system walk through and check for normal operation
Instrumentation	<ul style="list-style-type: none">- Verify the proper operation of all key instrumentation sensors and output devices
Access doors	<ul style="list-style-type: none">- Verify that all access doors are closed

Recommended maintenance schedule

During any compartment outage requiring the opening of the compartment

- | | |
|------------------|--|
| Clean air plenum | <ul style="list-style-type: none">- Check for the accumulation of dust on the tube sheet- Check for alignment of pulse pipes- Check for failed bags or loose bag/tube sheet connections- Check for signs of corrosion on walls, pulse pipes, or dampers- Verify the integrity and completeness of the door seals |
| Hopper | <ul style="list-style-type: none">- Check for signs of ash build-up or bridging on walls, inlet baffles, or at discharge- Check for signs of corrosion on walls- Check the alignment and condition of the bag bottoms- Check for signs of dust abrasion on walls or baffles |

Annual or extended outage

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|------------------|---|
| Ductwork | <ul style="list-style-type: none">- Check for any severe corrosion or sources of In-leakage- Check condition of all expansion joints |
| System Dampers | <ul style="list-style-type: none">- Check the physical condition of all damper blades, seals cylinders, and actuators- Visually confirm the proper movement and sealing of all dampers- Perform any scheduled PM on the cylinder and solenoid seals |
| Pulse Jet Valves | <ul style="list-style-type: none">- Check all valve diaphragms and solenoids- Perform scheduled PM |

Baghouse outage checklist



Filter bags
fast delivery



Installation services
readily available



Cages
fast delivery



Repair kits and valves
in stock



Precoat
in stock



Leak check
in stock



Door seals
in stock



Hardware
in stock



Emissions monitoring
fast delivery



Troubleshooting and inspections
readily available

Plan ahead and call us today at 888 440 8884 or click [here](#) to contact your local baghouse specialist.