



# Baghouse Inspection Report

Date of Inspection: \_\_\_\_\_  
Customer Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contact: \_\_\_\_\_

## GENERAL INFORMATION

Baghouse Identification: \_\_\_\_\_  
OEM: \_\_\_\_\_  
Model Number: \_\_\_\_\_  
Serial Number: \_\_\_\_\_  
Style Baghouse:  Pulse Jet     Shaker     Reverse Air  
Application: \_\_\_\_\_  
Particulate collected: \_\_\_\_\_  
Toxic:  Yes     No  
Operating Temperature: \_\_\_\_\_  
Current Delta P Reading: \_\_\_\_\_  
Pressure:  Positive     Negative  
No. of compartments: \_\_\_\_\_  
Bags / compartment: \_\_\_\_\_  
Total no. of filter bags: \_\_\_\_\_  
Filter bags / row: \_\_\_\_\_  
No. of rows: \_\_\_\_\_  
Dye check possible:  Yes     No  
Dye check completed:  Yes     No



HOUSING

Insulated: [ ] Yes [ ] No
Housing Dimensions (LxWxH):
Sidewall construction: [ ] Good [ ] Fair [ ] Poor
Sidewall seams: [ ] Good [ ] Fair [ ] Poor
Visible indication of: [ ] Corrosion [ ] Moisture [ ] Water tracks
Repair required: [ ] Yes [ ] No
Silicone patch:
Size of patch:
Weld repair:
Size of repair:

TUBESHEET / CELL PLATE

Amount of buildup on TS:
Consistency of buildup:
Leaks in the seams or welds: [ ] Yes [ ] No
Welding repairs required: [ ] Yes [ ] No
Thimbles: [ ] Rolled [ ] Welded [ ] None
Visible indication of: [ ] Corrosion: [ ] Warpage:

FILTER BAG CONNECTION / HARDWARE

Clamps: [ ] Good [ ] Fair [ ] Poor [ ] None
Cages: [ ] Good [ ] Fair [ ] Poor [ ] None
Cage sample sent: [ ] Yes [ ] No
Corrosion / Rust present: [ ] Yes [ ] No
Can cages be used: [ ] Yes [ ] No
Cage length:
Cage diameter:
Number of Vertical Wires:
Number of Horizontal Rings:



# Baghouse Inspection Report

Horizontal Ring Spacing: \_\_\_\_\_

Cage Top Construction: \_\_\_\_\_

Cage Bottom Construction: \_\_\_\_\_

Cage Material: \_\_\_\_\_

Tube Hooks:  Good  Fair  Poor  None

Can they be adjusted:  Yes  No  Unknown

Describe Tensioning Assembly: \_\_\_\_\_

Condition of Assembly:  Good  Fair  Poor  None

Can the assembly be reused:  Yes  No

Bag Tension:  Loose  Normal  Tight

Condition of Bag Caps:  Good  Fair  Poor  None

## FILTER BAGS

Manufacturer: \_\_\_\_\_

Fabric Type: \_\_\_\_\_

Filter Bag Dimension: \_\_\_\_\_

Top Construction: \_\_\_\_\_

Bottom Construction: \_\_\_\_\_

Filter Bags Remaining Life:  Good  Fair  Poor  Unknown

Filter Bag Test Needed:  Yes  No

Bag To Cage Fit:  Good  Fair  Poor

Filter Bag Sample Sent:  Yes  No

## CLEANING MECHANISM- PULSE JET

Pulse Valve OEM: \_\_\_\_\_

Model Number: \_\_\_\_\_

Number of Valves: \_\_\_\_\_

Number of Headers: \_\_\_\_\_

Number of Bags cleaned/valve: \_\_\_\_\_

Diaphragm:  Single  Double



Solenoid OEM: \_\_\_\_\_

Model Number: \_\_\_\_\_

Tubing: Copper Plastic

Tubing Condition: Good Fair Poor

Blow Pipes Properly Aligned: Yes No Unknown

Pulsing System: Good Fair Poor Unknown

Does pulse sound/feel correct: Yes No

Moisture in the air: Yes No Unknown

Water trap/filter: Yes No

PSI at the header: \_\_\_\_\_

Air Gauge: Yes No

**CLEANING MECHANISM- SHAKER**

Shaker Mechanism: Good Fair Poor Unknown

Number of shaker racks/comp: \_\_\_\_\_

Bag reach from the walkway: \_\_\_\_\_

Number of walkways: \_\_\_\_\_

Upper Walkways: Yes No

Quantity: \_\_\_\_\_

Type of isolation dampers: \_\_\_\_\_

Are the dampers sealing prop: Yes No Unknown

**CLEANING MECHANISM- REVERSE AIR**

System clean bag sufficiently: Yes No Unknown

Sonic Horn Assistance: Yes No

Type of Isolation Damper: \_\_\_\_\_

Good Seal Created: Yes No Unknown

Reverse air fans/compartament: Yes No Passive System



DUST REMOVAL

Rotary air Locks (Quantity):
Slide Gates (Quantity):
Screw Conveyer (Quantity):
Pneumatic Conveying System:
What does hopper empty into:
Operates:

HOPPER

Configuration:
Number of Pyramid:
Number of Trough:
Common Hoppers:
Hopper Condition:
Housing Condition:
Hammer Marks:
Hopper previously repaired:
Bridge/material Flow Problem:
System is:
Good Candidate-Sonic Horns:
Material in the Hopper:

DOOR SEAL

Number of Access Doors:
Doors to Clean Air Plenum:
Size:
Shape:
Doors to Dirty Air Plenum:
Size:
Shape:



# Baghouse Inspection Report

Door Hold Down Condition:  Good  Fair  Poor

Arrangement: \_\_\_\_\_

Type of Gasket Material: \_\_\_\_\_

Door Gasket dimension: \_\_\_\_\_

Condition of Gasket:  Good  Fair  Poor

Door Seal Affixed to:  Door  Frame

Seal is affixed to door:  Bolts  Plates  Rivets  Silicone

Door repairs required:  Yes  No

## BAFFLE

Baffle Inspection Possible:  Yes  No

Arrangement: \_\_\_\_\_

Condition:  Good  Fair  Poor  Unknown

Number of Inlets: \_\_\_\_\_

Bag Failures Indicate Inlet abr.:  Yes  No  Unknown

General Information: \_\_\_\_\_

## OTHER

Differential Pressure Gauge:  Manometer  Magnehelic  Photohelic  None

Does it Operate Correctly:  Yes  No  Unknown

General Access to Collector:  Good  Fair  Poor

Any Safety Hazards/ Concerns: \_\_\_\_\_

Fan Information: \_\_\_\_\_

Miscellaneous Information: \_\_\_\_\_