

**Operation &
Maintenance Plan
for the Baghouses and
Ovens**

(Attachment A)

BI-WEEKLY OPERATION & MAINTENANCE PLAN
Blasting Booth Baghouse
Pangborn Type CM, Model C40 #222KO76-662 Baghouse

1. Process Parameters: To inspect on a bi-weekly basis and record any abnormal or unusual conditions on Log Form.

2. The following observation checks apply to this source:
 - A. Observe stack for emissions (visually)
 - B. Note any unusual occurrences in the process
 - C. Observe operation of baghouse when shakers operate
 - D. Check shaker mechanism
 - E. Visually inspect lubrication of mechanism
 - F. Visually inspect shaker motor
 - G. Visually inspect drums
 - H. Visually inspect seals
 - I. Visually inspect ducts for corrosion
 - J. Visually inspect gasket on inspection door
 - K. Visually inspect and record manometer gauge readings
 - L. Inspect the ground areas underneath and around the collection drums

3. Annual Maintenance:
 - A. Replace bags and drums on an as needed basis
 - B. Inspect all ductwork for cracks, holes or openings

4. Reporting Requirements:
 - A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
 - B. Document and initial Maintenance Log and turn in to Training & Risk Manager

BI-WEEKLY OPERATION & MAINTENANCE PLAN
Grinding Room Baghouse
Torit, Model #84-55 Baghouse

1. Process Parameters: To inspect on a bi-weekly basis and record any abnormal or unusual conditions on Log Form.

2. The following observation checks apply to this source:
 - A. Observe stack for emissions (visually)
 - B. Note any unusual occurrences in the process
 - C. Observe operation of baghouse when shakers operate
 - D. Check shaker mechanism
 - E. Visually inspect lubrication of mechanism
 - F. Visually inspect shaker motor
 - G. Visually inspect drums
 - H. Visually inspect seals
 - I. Visually inspect ducts for corrosion
 - J. Visually inspect gasket on inspection door
 - K. Visually inspect and record manometer gauge readings
 - L. Inspect the ground areas underneath and around the collection drums

3. Annual Maintenance:
 - A. Replace bags and drums on an annual basis or as needed
 - B. Inspect all ductwork for cracks, holes or openings

4. Reporting Requirements:
 - A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
 - B. Document and initial Maintenance Log and turn in to Training & Risk Manager

BI-WEEKLY OPERATION & MAINTENANCE PLAN

Teardown Room Baghouse

DustKop, Model #FH58-3D Baghouse

1. Process Parameters: To inspect on a bi-weekly basis and record any abnormal or unusual conditions on Log Form.

2. The following observation checks apply to this source:
 - A. Observe stack for emissions (visually)
 - B. Note any unusual occurrences in the process
 - C. Observe operation of baghouse when shakers operate
 - D. Check shaker mechanism
 - E. Visually inspect lubrication of mechanism
 - F. Visually inspect shaker motor
 - G. Visually inspect drums
 - H. Visually inspect seals
 - I. Visually inspect ducts for corrosion
 - J. Visually inspect gasket on inspection door
 - K. Visually inspect and record manometer gauge readings
 - L. Inspect the ground areas underneath and around the collection drums

3. Annual Maintenance:
 - A. Replace bags and drums on an annual basis or as needed
 - B. Inspect all ductwork for cracks, holes or openings

4. Reporting Requirements:
 - A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
 - B. Document and initial Maintenance Log and turn in to Training & Risk Manager

OPERATION & MAINTENANCE PLAN
Steelman Industrial Oven

1. Daily – check temperature chart to insure afterburner temperature of 1400^oF is reached and maintained for each run.
2. Weekly – Blow out the burner air inlet with compressed air with oven not in operation.
3. Semi-annually – Inspect for damage to the burner controls.
4. Annually – Have thermocouple calibrated. If any periods of low temperature occur, have it recalibrated.

Reporting Requirements:

- A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
- B. Document and initial Maintenance Log and turn in to Training & Risk Manager

OPERATION & MAINTENANCE PLAN
Bayco BB-536

1. Daily – check temperature chart to insure afterburner temperature of 1200^oF is reached and maintained for each run.
2. Weekly – Blow out the burner air inlet with compressed air with oven not in operation.
3. Semi-annually – Inspect for damage to the burner controls.
4. Annually – Have thermocouple calibrated. If any periods of low temperature occur, have it recalibrated.

Reporting Requirements:

- A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
- B. Document and initial Maintenance Log and turn in to Training & Risk Manager

OPERATION & MAINTENANCE PLAN
Bayco BB-42

1. Daily – check temperature chart to insure afterburner temperature of 1200^oF is reached and maintained for each run.
2. Weekly – Blow out the burner air inlet with compressed air with oven not in operation.
3. Semi-annually – Inspect for damage to the burner controls.
4. Annually – Have thermocouple calibrated. If any periods of low temperature occur, have it recalibrated.

Reporting Requirements:

- A. Report any discrepancies to the Training & Risk Manager, and Facility Plant Manager
- B. Document and initial Maintenance Log and turn in to Training & Risk Manager