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 operates
   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 operates
   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 operates
   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 $1400^{O}F$ 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 $1200^{O}F$ 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 $1200^{O}F$ 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