

Department of the Navy  
Naval Air Station, Jacksonville

**OPERATION AND MAINTENANCE PLAN**

Month/Year: \_\_\_\_\_

Emission Unit Description: Plastic Media Abrasive Blast Booth No. 1, Bldg 101 (EU 113)

**Control Equipment Specifications**

Manufacturer: Pauli Systems

Design Air Flow: 22,000 dscfm

Model Number: 510-001-03E

Air to Cloth Ratio: 2.3:1

Type: Baghouse Dust Collector

Bag Material: Cellulose/synthetic blend

Cleaning Mechanism: Pulse Jet ☒ Reverse Air ☒ Mechanical ☐ Other ☐ Please describe:

Dust Collector utilizes a reverse pulse jet cartridge cleaning system.

**MONTHLY CHECK**

Check appropriate box(es) and describe action taken, including date, under comments

Date of Inspection \_\_\_\_\_

Inspector's Name: \_\_\_\_\_

Fan: Good condition ☐

Maintenance performed ☐

Bags: Good condition ☐

Needs repair or replacement ☐

**4.3.1.1 Baghouse**

Structure: Good condition ☐

Needs repair ☐

**Baghouse Clean Air Side:**

Clean ☐

Light Dust ☐

Heavy Dust ☐

**Pressure Drop:** *Do not operate outside this pressure drop range.*

Primary Filter (Operating Range 2.0" w.g. - 8.0" w.g.): \_\_\_\_\_ "w.g.

**Visible Emissions:** No ☐ Yes ☐

If yes, shut operation down and contact Code 6.5.3 immediately (790-4927, 790-4814).

Comments:

Bag condition based on pressure drop reading. No visible emissions indicate "Baghouse Clean Air Side" is clean.