

**United States Marine Corps
Marine Corps Support Facility – Blount Island**

OPERATION AND MAINTENANCE PLAN

EU No. 005 Abrasive Blast Booth

CONTROL EQUIPMENT SPECIFICATIONS

Manufacturer: _____

Design Air Flow: _____ CFM

Model Number: _____

Air to Cloth Ratio: _____

Type: _____

Bag Material: _____

Check appropriate item.

Cleaning Mechanism: Pulse jet ☐ Reverse Air ☐ Mechanical ☐ Other ☐

Please describe: _____

MONTHLY CHECK

Date of Inspection: _____

Inspector's Name: _____

Check appropriate item(s) and describe action taken, including date, under comments.

Fan: Good condition ☐ Maintenance Performed ☐

Bags: Good condition ☐ Need repair or replacement ☐

Baghouse
Structure: Good condition ☐ Needs repair ☐

Baghouse Clean Air Side: Clean ☐ Light Dust ☐ Heavy Dust ☐

Comments: _____



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System Maintenance for PAINT/BLAST BLDG 390
ESOH-F-4.4.6.1080 Revision A 10May2010

Blast Room (Monthly)	Craftsmen	Inspection/Maint. Results
Inspect/Lube All Bearings	<input type="text"/>	<input type="text"/>
Grease Long Screws	<input type="text"/>	<input type="text"/>
Inspect Buckets on Elevator	<input type="text"/>	<input type="text"/>
Inspect Elevator Belt	<input type="text"/>	<input type="text"/>
Check Oil Level On Elevator Speed Reducer Lube Chains	<input type="text"/>	<input type="text"/>
Inspect/Check Oil Levels In Screw Motors	<input type="text"/>	<input type="text"/>
Inspect Chain Sprockets & Set Screws	<input type="text"/>	<input type="text"/>
Lubricate Trolley	<input type="text"/>	<input type="text"/>
Inspect Lights On Instrument Panel	<input type="text"/>	<input type="text"/>
Inspect U-Joints	<input type="text"/>	<input type="text"/>
Paint Booth Exhaust Fan (Monthly)	Craftsmen	Inspection/Maint. Results
Check Motor And Fan Shaft Bearings	<input type="text"/>	<input type="text"/>
Lock Out/Tag Out	<input type="text"/>	<input type="text"/>
Check Fan Blades For Excess Paint Buildup	<input type="text"/>	<input type="text"/>
Check Electrical Wiring/Connections	<input type="text"/>	<input type="text"/>
Torit Backward Fan IM-900	Craftsmen	Inspection/Maint. Results
Inspect Fan Wheel and clean if needed	<input type="text"/>	<input type="text"/>
Lubricate bearings if needed	<input type="text"/>	<input type="text"/>
Inspect Teflon shaft	<input type="text"/>	<input type="text"/>



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DownFlo Oval Dust Collector	Craftsmen	Inspection/Maint. Results
Lock Out/Tag Out	<input type="text"/>	<input type="text"/>
Inspect Tubing/Connections	<input type="text"/>	<input type="text"/>
Inspect Entrance Seal	<input type="text"/>	<input type="text"/>
Inspect Goyan Valve Function	<input type="text"/>	<input type="text"/>
Inspect Housing For Tightness/Corrosion	<input type="text"/>	<input type="text"/>
Inspect Ladder/Platform	<input type="text"/>	<input type="text"/>
Breathing Air Board (Monthly)	Craftsmen	Inspection/Maint. Results
Calibrate Breathing Air Board	<input type="text"/>	<input type="text"/>
Inspect/Replace Filters As Necessary	<input type="text"/>	<input type="text"/>
Manometers	Craftsmen	Inspection/Maint. Results
Calibrate Delta P Control Manometer	<input type="text"/> <input type="text"/> <input type="text"/>	Calibrated On: ____ Calibrated By: ____ Manometer Reading: ____
Calibrate Paint Booth Manometer	<input type="text"/> <input type="text"/> <input type="text"/>	Calibrated On: ____ Calibrated By: ____ Manometer Reading: ____



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Meg Motor as needed	<input type="text"/>	<input type="text"/>
Rotary Air Lock Feeder	Craftsmen	Inspection/Maint. Results
Observe Equipment for unusual noises or vibration	<input type="text"/>	<input type="text"/>
Check valve flanges & purge connections	<input type="text"/>	<input type="text"/>
Lubricate roller chain	<input type="text"/>	<input type="text"/>
Exercise slide gate	<input type="text"/>	<input type="text"/>

Date Inspection Completed

Inspector Signature: _____

Inspector Signature: _____

Inspector Signature: _____