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: _____

_____

_____

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

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

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

Date Inspection Completed
Inspector Signature:_____
Inspector Signature:_____
Inspector Signature:_____