

**HARD CHROMIUM ELECTROPLATING OPERATION, BUILDING 794 (EU 043)
COMPOSITE MESH-PAD OPERATION AND MAINTENANCE QUARTERLY CHECKLIST**

Engine Plating Shop (code 62722)

Quarterly Reporting Period: _____ to _____

Applicable Rule: 40 CFR Part 63, Subpart N

Plant Name/Location: Naval Air Depot
Naval Air Station Jacksonville
Jacksonville, FL 32212-0016

Control Device ID: Title V Air Operating Permit No. 0310215-023-AV, Emission Unit 043

Installation Date: September 1996

Control Device: Composite Mesh Pad Mist Eliminator

Hard Chromium Electroplating Tanks Controlled: A1, A4, A6

*Work Practice Standards
(Perform once each quarter)*

1. Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the pads, and no evidence of chemical attack on the structural integrity of the device.
2. Visually inspect back portion of the mesh-pad closest to the fan to ensure there is no breakthrough of chromic acid mist.
3. Visually inspect ductwork from tank to the control device to ensure there are no leaks.
4. Perform wash down of the composite mesh-pads per manufacturer's recommendations.

Quarterly Operation and Maintenance Checklist

Requirement	SAT	UNSAT	Inspector's Signature
Inspect the Composite Mesh Pad Mist Eliminator sump for proper drainage.	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect the 3 mesh pads for signs of chromic acid buildup.	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect the back side of the third stage mesh pad for signs of chromic acid mist.	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect the Composite Mesh Pad Mist Eliminator and associated ductwork for signs of chemical attack.	<input type="checkbox"/>	<input type="checkbox"/>	
Inspect ductwork from the 3 hard chromium electroplating tanks to the Composite Mesh Pad Mist Eliminator for signs of leaks.	<input type="checkbox"/>	<input type="checkbox"/>	
Wash down the 3 mesh pads per manufacturer's recommendations.	<input type="checkbox"/>	<input type="checkbox"/>	

NOTES:

1. Complete the checklist not later than the last working day of the reporting period.
2. Return completed checklist to the Air Quality Section, Code 6.5.3 within 2 days of completing the quarterly checklist.
3. Provide an explanation of corrective actions taken for any UNSAT checklist inspection requirements: _____
