

**BNL ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS	COMPLETED BY: <u>J.DURNAN</u> DATE: <u>MAY 2004</u> REV: <u>D</u>
1. Operation: Mechanical Assembly Operations (AM-525-MAO)	
2. Activity(ies): <ol style="list-style-type: none"> 1) Atmospheric discharge from solder & epoxy (may use permitted air emission points) 2) Waste generation (hazardous and regulated industrial) 3) Chemical storage (flammable) 4) Water Usage (discharged to NPDES Permitted Site) 5) Liquid Discharge (Component Failure) 	
3. Operational Controls (technological, operational, procedural operating criteria): <ol style="list-style-type: none"> 1) SBMS Subject Area: Generating Waste 2) Haz Waste 90 Day Area/Weekly Inspection Program 3) Haz Waste Satellite Accumulation Areas 4) Chemical Management System (CMS) 5) Chemicals Stored in Flammable Storage Cabinets 6) Laboratory's Title V Facility Air Emission Permit (NYSDEC 1-4722-0032/00155). 7) Log books for permitted air emission points/material use records 8) SMD OPM 2.12, "Work Control and Planning" 9) SMD OPM 8.1.1.28, Section 4.6, OPM 8.1.1.29, Section 4.1, SMD OPM 8.1.1.38, Section 5.7.2.2 (these apply to Bldg. 924 curing presses only), and SMD OPM 8.1.1.33 (902 Curing Oven). 10) Splash shields to prevent oil leaks (Bldg. 924 curing presses only) 11) High level indicator on oil reservoirs, automatic shut down of pump 12) Tier I program and self-assessments 13) Discharge Monitoring Report (DMR) for Sump HN 	
4. Maintenance Plan(s): <ol style="list-style-type: none"> 1) Air hoods maintained by MMC on an "as needed basis." Cyclone units maintained by Central Shops on a "as needed basis." No processes are performed when hood is OOC. Facility Support verifies airflow through hood on an annual basis. 2) Periodic test of high level indicator light on 924 oil reservoir 	
5. Actions to be Taken if Controls Fail: <ol style="list-style-type: none"> 1) Call spill response hotline – X2222 2) Local Emergency Plan 3) 90 Day Area contingency Plan 	

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- 6. Records:**
- Log books for permitted air hoods/material use records
 - Tier I Inspection records /Tracking Database
 - 90 Day Area Inspections
 - Operational Control Form
 - Process Assessment Form/Corrective Action Tracking Database
 - NPDES Discharge Monitoring Report

7. Responsibilities: [(a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls]

Name	Responsibility
Building Manager	<ul style="list-style-type: none"> • Maintain air emissions log book/material usage information • Maintain Satellite Accumulation areas • Spill Control • Ensure air hoods are operational
Central Shop	<ul style="list-style-type: none"> • Cyclone Unit Maintenance
SMD Tier I Inspection Committee	<ul style="list-style-type: none"> • Tier I documentation
90 Day Area Manager/ESH Coordinator	<ul style="list-style-type: none"> • Maintain 90 Day Area per Hazardous Waste Subject Area
ESH Coordinator	<ul style="list-style-type: none"> • Update Process Assessment Forms
ECR	<ul style="list-style-type: none"> • Update PAF Corrective Action Tracking Database
ESD	<ul style="list-style-type: none"> • Maintain NPDES DMR monthly

8. Training:

Name	Training	Date
90 Day Area Manager/ESH Coordinator	RCRA 90 Day - Area Manager (HP-90Day)	See BTMS Database

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Technician Supervisor	Haz. Waste Generator (HP-RCRIGEN3)	
Technician	AM-ENV-FS4	