

**NSLS ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <u>PHOTOGRAPHIC DARKROOM OPERATIONS; HAZARDOUS</u> <u>AND INDUSTRIAL WASTE GENERATION; LIQUID</u> <u>DISCHARGES; CHEMICAL STORAGE (SPILLS).</u>	COMPLETED BY: <u>A. ACKERMAN, D. BAUER</u> DATE: <u>DECEMBER 23, 2003</u> REV 2 PAGE: 1 OF 3
--	--

1. Operation: NSLS Photographic Darkroom Operations: NSLS-463-PO

- 2. Activities:**
- 1) Storage of chemicals.
 - 2) Dispensing and use of chemicals.
 - 3) Disposal of chemicals.
 - 4) Liquid discharge: sink rinsing of photographic plates.

- 3. Operational Controls:**
1. Tier 1 Inspection.
 2. LS-ESH-PRM-1.3.5a, Experiment Safety Review
 3. Chemical Management System.
 4. Operational Control Form
 5. Dark Room Operations Procedures.
 6. NSLS ES&H Policies and Requirements Manual
 - LS-ESH-PRM-7.0.0, Hazardous Waste Management
 - LS-ESH-PRM-9.0.0, Local Emergency Plan
 7. Subject Areas
 - Hazardous Waste Management
 - Liquid Effluent
 - Spill Response.
 - Pollution Prevention
 8. Secondary containment of all liquids (trays, cabinets, etc...)
 9. Sink Posting.
 10. Training as identified on the BTMS.
 - Read and Sign Training Form "Photographic Dark Room Operations" for Photographic Darkroom managers and users.

4. Maintenance Plan:
1) Not Applicable.

5. Actions to be Taken if Controls Fail:
Follow the Local Emergency Plan, located in the NSLS ES&H Policies and Requirements Manual, or specific procedures posted in work area, if applicable.

**NSLS ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <u>PHOTOGRAPHIC DARKROOM OPERATIONS; HAZARDOUS AND INDUSTRIAL WASTE GENERATION; LIQUID DISCHARGES; CHEMICAL STORAGE (SPILLS).</u>	COMPLETED BY: <u>A. ACKERMAN, D. BAUER</u> DATE: <u>DECEMBER 23, 2003</u> REV 2 PAGE: 2 OF 3
--	--

6. Records:

- 1) Tier 1 database.
- 2) Experimental Safety Review Database
- 3) Chemical Management System database.
- 4) Operational Control Form.
- 5) NSLS ES&H Policies and Requirements Manual
- 6) Waste disposal forms: Waste Management Facility.
- 7) Brookhaven Training Management System (BTMS) records.
- 8) Signed Read and Sign Training Forms.
- 9) PAF 463
- 10) Results of rinse water analysis.

7. Responsibilities:

Name	Responsibility
Darkroom Manager	<ul style="list-style-type: none"> • Adhere to BNL waste disposal requirements. • Assure proper use of secondary containment, sink postings and CMS system. • Assure that the dark room use procedures are current and implemented.
Dark Room Users	<ul style="list-style-type: none"> • Adhere to darkroom procedures. • Act to control and report chemical spills.
NSLS Safety Engineer	<ul style="list-style-type: none"> • Complete Tier 1 inspections and report findings to the darkroom manager. Track corrective actions. Maintain supply of spill control materials.
NSLS Experimental Review Coordinator.	<ul style="list-style-type: none"> • Annual review of experimental operations.

**NSLS ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <u>PHOTOGRAPHIC DARKROOM OPERATIONS; HAZARDOUS AND INDUSTRIAL WASTE GENERATION; LIQUID DISCHARGES; CHEMICAL STORAGE (SPILLS).</u>	COMPLETED BY: <u>A. ACKERMAN, D. BAUER</u> DATE: <u>DECEMBER 23, 2003</u> REV 2 PAGE: 3 OF 3
NSLS ECR	<ul style="list-style-type: none"> • Development and maintenance of OCF forms and PAFs. • Provide staff support to assure work is done in compliance with relevant regulations.
NSLS Training Coordinator	<ul style="list-style-type: none"> • Maintains training database, tracks and reports training status to staff.
8. Training: Personnel have complete Job Training Assessments (JTA's)	