

**NSLS ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM**

<p>OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: <u>PHOTOGRAPHIC DARKROOM OPERATIONS; HAZARDOUS AND INDUSTRIAL WASTE GENERATION; LIQUID DISCHARGES; CHEMICAL STORAGE (SPILLS).</u></p>	<p>COMPLETED BY: <u>A. ACKERMAN, J. ALOI, D. BAUER</u></p> <p>DATE: <u>DECEMBER 13, 2006</u></p> <p>REV 3</p> <p>PAGE: 1 OF 1</p>
<p>1. Operation: NSLS Photographic Darkroom Operations: NSLS-463-PO</p>	
<p>2. Activities:</p> <ul style="list-style-type: none"> 1) Storage of chemicals 2) Dispensing and use of chemicals 3) Disposal of chemicals 4) Liquid discharge: sink rinsing of photographic plates 	
<p>3. Operational Controls:</p> <ul style="list-style-type: none"> 1. Tier 1 Inspection Program 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 <ul style="list-style-type: none"> • LS-ESH-PRM-7.0.0, Hazardous Waste Management • LS-ESH-PRM-9.0.0, Local Emergency Plan 7. Subject Areas <ul style="list-style-type: none"> • Hazardous Waste Management • Liquid Effluent • Spill Response • Pollution Prevention • Work Planning and Controls 8. Secondary containment of all liquids (trays, cabinets, etc...) 9. Sink Postings 10. Training as identified on the BTMS <ul style="list-style-type: none"> • Read and Sign Training Form "Photographic Dark Room Operations" for Photographic Darkroom managers and users. 	
<p>4. Maintenance Plan:</p> <ul style="list-style-type: none"> 1) Not Applicable. 	
<p>5. Actions to be Taken if Controls Fail:</p>	

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Follow the Local Emergency Plan, located in the NSLS ES&H Policies and Requirements Manual, or specific procedures posted in work area, if applicable.

- 6. Records:**
- 1) Tier 1 database
 - 2) Experimental Safety Review Database (PASS)
 - 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. • Assure proper management of Industrial and Hazardous Waste
Dark Room Users	<ul style="list-style-type: none"> • Adhere to darkroom procedures • Act to control and report chemical spills • Adhere to BNL waste disposal requirements
NSLS Safety Engineer	<ul style="list-style-type: none"> • Complete Tier 1 inspections and report findings to the darkroom manager. Track corrective

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	<p>actions. Maintain supply of spill control materials.</p>
<p>NSLS Experimental Review Coordinator.</p>	<ul style="list-style-type: none"> • Annual review of experimental operations.
<p>NSLS ECR</p>	<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.
<p>NSLS Training Coordinator</p>	<ul style="list-style-type: none"> • Maintains training database, tracks and reports training status to staff.
<p>8. Training: Personnel have complete Job Training Assessments (JTA's)</p>	

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Document Review Frequency	
3	Years

Review signatures on file
with master copy of
controlled document

NSLS REVISION LOG		
Subject: OCF – Photographic Dark Room Operations		
Rev	Description	Date
3	Added Work Planning and Controls to the Operational Controls subject area section. Cleaned up document and removed all outdated information. Added Waste management responsibilities for the Darkroom Manager.	12/13/2006