STONY BROWNK STATE UNIVERSITY OF NEW YORK	Standard Operating Procedures			
Title:				
Number	Revision	Date	Pages 1 of	

## 1.0 PURPOSE

- Restate and expand the title.

# 2.0 SCOPE

- Describe to whom and what the SOP applies to.

# 3.0 RESPONSIBILITIES

- List who is responsible (by job title) for performing work, maintaining records, providing training and ensuring that this procedure is carried out.

## 4.0 DEFINITIONS

- List any terms, acronyms or abbreviations used that might not be commonly understood by a person new to this SOP.

## 5.0 HEALTH AND SAFETY WARNINGS

- List all Personal Protective Equipment needed for procedure.
- List hazards of chemicals used in procedure.
- List any special emergency equipment needed (eyewash, spill kit)
- List waste disposal requirements (amalgam, chemical waste)

# 6.0 MATERIALS

- List chemicals and equipment needed for procedure. Be specific. Include chemical concentrations, catalog numbers, equipment names, model numbers, etc. Include any chemical or equipment set up procedures that need to be done before procedure can proceed (e.g. warm up water, dilute bleach, test glut levels). Cross reference any other SOPs for these procedures. Describe how to obtain equipment.

# 7.0 PROCEDURES

- List a step-by-step description of the procedure in chronological manner using active verbs and direct statements. Describe any anticipated problems that may occur while performing this SOP, the course of action to be taken, including the job title to consult/report to if problem occurs.

## 8.0 REPORTING AND DOCUMENTATION

- Describe any logs, reports or other documentation needed or produced during this SOP. Describe where records are kept.

#### 9.0 REFERENCES

- List other SOPs, regulations or references relating to this SOP.

# 10.0 ATTACHMENTS, FORMS, CHECKLISTS

#### 11.0 REVIEWS AND REVISIONS

- List review cycle (e.g. annually) and procedure (e.g. supervisor, committee). Include author & approval signatures.

	Signature	Job Title	Date
This SOP was written by:			
This SOP was reviewed by:			
This SOP was approved by:			

Process:						Date:	
Chemical Hazards: Check all hazards for	or the c	hemicals u	sed i	in this procedure. A	ttach	list of chemicals.	
O allergic reaction, sensitizer			С	O poison			
O cancer or carcinogen			C	poison inhalation ha	zard	(gas)	
O corrosive			C	pyrophoric			
O explosive			C	O reproductive effects: mutagen teratogen			
Oflammablecombustible (select on	e)		O	O reactive			
O heavy metals			C	Otoxicacutehighly or extremely toxic (select one)			
O lachrymator			C	Ounstablehighly unstable (select one)			
O oxidizer			C	O water reactive			
O peroxide, peroxide forming			C	O unknown hazard			
O target organ effect: hepatotoxin r	nephroto	oxin neuro	toxin	oxin hematopoieteclungs, skin, eyes, mucous membranes			
Biological Hazards: Name of Organ	nism:	Ovirus		O fungus	0./	Animal (live - IACUC Approval):	
		O virus		O yeast		Animal tissue	
O rDNA: IBC approval:		O bacteria		,		Other:	
O human blood, OPIM		O toxin		O select agent	30	лиет.	
Process Hazards: Specify source w	hen ne	ecessary.					
O machinery/ tools				O high vacuum, high pressure			
O high noise levels				O cryogenic			
O compressed gas cylinders			Ol	O high voltage, high current			
O other:			10	D high temperature, exothermic			
O nonionizing radiation: O microwave	O ultr	rasound	O u	Itraviolet O infrar	ed	O laser (Class: )	
O ionizing radiation: O x-ray O	sealed	RAM O	unse	ealed RAM			
Health and Safety Requirements:							
O eye protection, type:	O gloves, type:				O respirator, type:		
O face shield O earplugs/muffs		fs			O protective clothing, type:		
O shield O local		cal ventilation, type:				O emergency lights	
O radiation badge		warning signs, lights, alarms				O medical surveillance	
O decontamination O ul		O ultraviolet light			O exposure monitoring		
O fume hood, insp:		biosafety cabinet, insp.:				O other:	
Disposal Procedures:							
O chemical hazardous waste (EPA Listed, flammable, toxic, corrosive, or reactive)  O acutely hazardo (EPA P & U List)		us w	us waste		O regulated medical waste Red Bag Sharps Container		
O neutralize with:						O autoclave & regulated medical waste	
Experience: Which of the following documented?	are yo	u relativel	y ine	experienced with	or a	re not previously	
O chemicals or synergistic effects		O quantities used				O procedures	
O concentration used O eq			oment			O other	
-		•				·	

Standard Operating Procedure			
Title: Date:			
1. Procedure/Hazardous Material:			
2. Department:			
3. Revision Date:			
4. Special Notifications:			
5. Hazard Description:  Hazards –  Exposure -			
Risks -  6. Engineering Controls:			
7. Personal Protective Equipment:			
8. Storage Requirements:			
9. Handling Precautions/Conditions:			
10. Emergency Procedures:			
11. Decontamination:			
12. Waste Disposal:			
13. Laboratory Specific Procedures:			
14. Additional References			
Material Safety Data Sheet  - Divident Practices, http://www.nen.edu/cetaleg/4044 html/read it enline for free)			
<ul> <li>Prudent Practices http://www.nap.edu/catalog/4911.html (read it online for free)</li> <li>Prudent Practices for Safety in Laboratories provides step-by-step planning procedures for handling, storage, and disposal of chemicals. Organized around a recommended workflow protocol for experiments, the book offers prudent practices designed to promote safety and it includes practical information on assessing hazards, managing chemicals, disposing of wastes, and more.</li> </ul>			