Wake Forest ® Baptist Health			Standard Procedu Tem	Operating re (SOP) plate							
	COMPRESSED GAS SAFETY										
E	Effective Date: 12/7/2011 Revised Date: 1/30/201										
INT	INTRODUCTION										
A Sicher the prot Wal seve only The with part Hyg	A Standard Operating Procedure (SOP) describes how your lab will handle a hazardous chemical safely, including the amount and concentration you will use, how you obtain or create the working solution, and special handling procedures, engineering controls, and personal protective equipment. Chemical-specific SOPs are found on the <u>EH&S website</u> . Wake Forest Baptist Medical Center has created Standard Operating Procedures (SOPs) for several chemical hazard categories and some commonly-used chemicals. The SOP provides only standard information and requires customization for each lab. The Occupational Safety and Health Administration (OSHA) requires a written SOP for any work with hazardous chemicals in laboratories. There are additional requirements for SOPs for particularly hazardous substances, or PHSs. These SOPs are an important part of the <u>Chemical Hygiene Plan</u> .										
CAT	FEGORIES OF Co (Hyperlink to	OMPRESS each sec	SED GASES tion below.)								
	CATEGORIES OF GASES		DEFINITION OI	GAS	E	KAMPLES					
	INERT	Gases the materials pressure.	at do not react w at ordinary temp	ith other perature and	argon and ni	, helium, neon itrogen					
	LIQUEFIED GASES GASES GASES GASES GASES GASES Comparison Compariso		nich can become inders under pre de the cylinder in or equilibrium. Ini s almost full of lic pace above the li from the cylinder es to replace it, k in the cylinder co	ecome liquids at A es when they are a ler pressure. They p nder in a liquid-vapor o um. Initially the d ill of liquid, and gas e the liquid. As gas is ylinder, enough liquid ce it, keeping the oder constant		frous onia, chlorine, ne, nitrous and carbon e					
	CORROSIVE	Gases the which the the prese corrosive	at corrode material or tissue with ey come in contact, or do so in ence of water, are classified as		ammo chlorio Fluorii methy	onia, hydrogen de, chlorine, ne and damine					
	FLAMMABLE	Gases the atmosphe form a fla by volume	at, when mixed v eric temperature Immable mixture e or have a flam	vith air at and pressure, at 13% or less nable range in	methylamine acetylene, butane, ethylene, hydrogen, methylamine and vinyl chloride						

Wake Forest[®] Baptist Health

Standard Operating Procedure (SOP) Template

COMPRESSED GAS SAFETY

E	Effective Date:	12/7/2011 Revised Dat		te:	1/30/20	12
		air of greater than 12% by regardless of the lower fla	^r volume mmable limit.			
	OXIDIZER	Oxidizing gases include at containing oxygen at high atmospheric concentration percent).	idizing gases include any gases ntaining oxygen at higher than nospheric concentrations (above 23-25 rcent)			
	Toxic or Highly Toxic	A toxic or highly toxic gase median lethal concentration of 200 parts per million (pr or less.	coxic or highly toxic gases containing a edian lethal concentration (LC50) in air 200 parts per million (ppm) by volume less			
	REACTIVE	Some pure compressed g chemically unstable. If exp temperature or pressure in mechanical shock, they ca undergo certain types of c reactions such as polymen decomposition. These rea become violent, resulting explosion. Some dangeron gases have other chemica inhibitors, added to prever hazardous reactions.	ases are posed to slight ncreases, or an readily themical rization or actions may in fire or usly reactive als, called nt these	acetyl butadi acetyl chloric tetraflu and vi	ene, 1,3- ene, methyl ene, vinyl de, uoroethylene nyl fluoride	

GENERAL LAB RULES

- 1. No eating, drinking, smoking, handling contact lenses, or applying cosmetics in the laboratory.
- 2. Persons shall wear buttoned lab coat, long pants, safety glasses or goggles and appropriate gloves when working with hazardous chemicals.
- 3. Mouth pipetting is prohibited; mechanical pipetting devices are to be used at all times.
- 4. All procedures are performed carefully to minimize the creation of splashes or aerosols.
- 5. Wash hands
 - after handling chemicals materials,
 - after removing gloves, and
 - before leaving the laboratory.
- 6. Plastic ware should be substituted for glassware whenever possible

GENERAL SAFETY FOR COMPRESSSED GAS CYLINDERS

• Ensure that regulator pressure control valve is relieved (i.e., closed) before attaching to tanks.

Standard Procedu Tem	Operating re (SOP) plate								
COMPRESSED GAS SAFETY									
12/7/2011	Revised Date	e: 1/30/2	2012						
gas cylinders when a sy soure from regulators not er the regulators are close must not be installed bet ect. lief valves in downstrear ulator valve does not sea ould be vented to prever thes or concentrated heat as cylinder to become par open a tank valve to remo- der gas as compressed a lators slowly and ensure ersonnel when cylinder v require a wrench to ope nder valve while it is ope omic stress when turning pen valves. Cylinders wi epaired. o open a corroded valve nly be opened to the poi sure. This will allow for q ap hook to loosen tight of to supplier to remove "s gulators and other appara intness by using compatition to tape on CGA fittings (contact. Use of Teflon tap kelihood of leaks. ters or exchange fittings t can be used to check for	vstem is not in use. currently used (by c sed). ween pressure relief in lines to prevent hig at properly and a tan at potential buildup of sources to come in art of an electrical cir ove dust or debris fro air. that valve outlets ar alves are opened. In the main valve sha en. Use adequately s tight tank valves. No th "stuck" valves sho ; it may be impossib in where gas can flo uicker shutoff in the cylinder caps. Never tuck" caps. atus gas tight to prevole leak test solutions connections are tight (straight thread) whe be causes the thread between tanks and or grease or oil in reg	opening equipment f devices and the e gh pressure buildu hk valve is left on. of explosive or toxic or contact with a gas rcuit. om the cylinder inle nd regulators are p all have the wrench sized wrenches (12 lever apply excession ould be returned to oble to reseal. ow into the system event of a failure of apply excessive for vent gas leakage. s (e.g., soap and wittened or loosened ere the seal is madids to spread and wittened regulators. gulators and valves	a valves equipment p in the c gases. c cylinder. et. ointed n left in 2" long) to ve force suppliers at the or orce or pry vater) or and e by eaken, s.						
LABELING									
	Standard Procedu Tem COMPRESSET 12/7/2011 gas cylinders when a sy sure from regulators not er the regulators are closen ust not be installed bet et. lief valves in downstrear ulator valve does not sea ould be vented to preven thes or concentrated heat as cylinder to become par open a tank valve to remo- der gas as compressed a lators slowly and ensure ersonnel when cylinder va- require a wrench to ope nder valve while it is ope omic stress when turning pen valves. Cylinders wi epaired. o open a corroded valve nly be opened to the poi sure. This will allow for que ap hook to loosen tight of to supplier to remove "s pulators and other appara thess by using compatib- ters. The from systems before of its. The first of the point of the point its of the point of the point of the point its of the point of the point of the point its of the point of the point of the point its of the point of the	Standard Operating Procedure (SOP) Template COMPRESSED GAS SAFETY 12/7/2011 Revised Date gas cylinders when a system is not in use. sure from regulators not currently used (by or er the regulators are closed). must not be installed between pressure relie tect. lief valves in downstream lines to prevent hiulator valve does not seat properly and a tar puld be vented to prevent potential buildup or es or concentrated heat sources to come in as cylinder to become part of an electrical ci- ippen a tank valve to remove dust or debris fr der gas as compressed air. lators slowly and ensure that valve outlets an ersonnel when cylinder valves are opened. require a wrench to open the main valve sh- poinc stress when turning tight tank valves. No pen valves. Cylinders with "stuck" valves sh- epaired. o open a corroded valve; it may be impossite nly be opened to the point where gas can file sure. This will allow for quicker shutoff in the ap hook to loosen tight cylinder caps. Never to supplier to remove "stuck" caps. uputors and other apparatus gas tight to pre transes by using compatible leak test solution tents. re from systems before connections are tigh irs. on tape on CGA fittings (straight thread) whe ontact. Use of Teflon tape causes the thread celihood of leaks. ters or exchange fittings between tanks and t can be used to check for grease or oil in re	Standard Operating Procedure (SOP) Template COMPRESSED GAS SAFETY 12/7/2011 Revised Date: 1/30/2 gas cylinders when a system is not in use. sure from regulators not currently used (by opening equipment or the regulators are closed). must not be installed between pressure relief devices and the ext. lief valves in downstream lines to prevent high pressure buildure ulator valve does not seat properly and a tank valve is left on. ould be vented to prevent potential buildup of explosive or toxic does or concentrated heat sources to come in contact with a gas as cylinder to become part of an electrical circuit. pen a tank valve to remove dust or debris from the cylinder infeder gas as compressed air. lators slowly and ensure that valve outlets and regulators are presonnel when cylinder valves are opened. require a wrench to open the main valve shall have the wrench nder valves while it is open. Use adequately sized wrenches (12 omic stress when turning tight tank valves. Never apply excessing pen valves. Cylinders with "stuck" valves should be returned to epaired. o open a corroded valve; it may be impossible to reseal. nly be opened to the point where gas can flow into the system sure. This will allow for quicker shutoff in the event of a failure of to supplier to remove "stuck" caps. quators and other apparatus gas tight to prevent gas leakage. transet by using compatible leak test solutions (e.g., soap and we tents. re from systems be						

Cylinders should be marked with a clear label identifying the contents. No cylinder should be accepted without a proper label.

Wake Forest ® Baptist Health		Standard Procedu Tem	Operating re (SOP) plate	1						
	COMPRESSED GAS SAFETY									
Effective Date:	1:	2/7/2011	Revised D	ate:	1/30/2012					
	Horo									
Add Lab Specific Rules	nere									
PURPOSE										
Add Lab Specific Purpo	se Here									
PHYSICAL HAZARDS										
HEALTH HAZARDS										

Wake Forest * Baptist Health	Standard Proced Ter	d Operating lure (SOP) nplate								
	COMPRESSED GAS SAFETY									
Effective Date:	Effective Date: 12/7/2011 Revised Date: 1/30/2012									
PERSONAL PROTECT	TIVE EQUIPMENT									
 EYE PROTECTION Safety glasses, goggles or face shields shall be worn during operations in which COMPRESSED GASES might contact the eyes (e.g., through vapors or splashes of solution). Ordinary (street) prescription glasses do not provide adequate protection. Adequate safety glasses must meet the requirements of the Practice for Occupational Education Eye and Face Protection (ANSI Z87.1-1989) and must be equipped with side shields. HAND PROTECTION Use disposable nitrile gloves when working with chemicals. Laboratory personnel should thoroughly wash hands with soap and water before and immediately upon removal of gloves. LAB COATS, ETC. Button lab coats, closed toed shoes, long pants and long sleeved clothing shall be worn when handling COMPRESSED GASES. Protective clothing shall be worn to prevent 										
 CRYOGENICS Wear cryogenic glov cryogenic materials Wear safety goggle when working with a specimen from a lig 	 CRYOGENICS Wear cryogenic gloves, safety glasses, and lab coat when handling and transporting cryogenic materials. Wear safety goggles, face shield and cryogenic apron (plus cryogenic gloves and lab coat) when working with any open container of liquefied gases (including when retrieving a 									
DESIGNATED AREA F	FOR USE AND CONTA	AINMENT DEVICE	S							
 When possible, hood. When we Cabinets (BSC) exhausted to the All compressed The fume hood's minute is achiev Environmental H sticker to indicat proper fume hood Contact Engineer 	work with COMPRESS orking with volatile, toxi Class II, Type A2 exha e outside can be used. gases should be stored s sash must be in the p red. The BSC must be lealth and Safety certif te the date of certification of face velocity. ering (716-4351) imme	SED GASES shall I c chemicals, in lim austed or Class II, d in rooms with ver position where a fa certified annually b ies fume hoods an on and the proper diately if fume hoo	be done ited amo Types B ² ntilation. ce veloci by a quali nually ar sash heig d is malfu	in the laboratory fume unts, Biological Safety 1and B2 BSCs ty of 100 feet per ified outside vendor. Ind places a yellow ght for achieving unctioning.						

Wake Forest * Baptist Health	Standard Procedu Tem	Operating re (SOP) plate							
COMPRESSED GAS SAFETY									
Effective Date: 12/7/2011 Revised Date: 1/30/2012									
 Leak testing should be performed each time after connecting a new cylinder. Check manufacturer's recommendations on requirements for regulators gauge calibration and use periodically. 									
SPECIAL HANDLING	PROCEDURES AND ST	ORAGE REQUIREMEN	TS						
 If Applicable - S If Applicable - P testing for the pr QUANT Peroxid #M100111 for te Shall not be stored Caps used for values Cylinders should heat or mechani Compressed gatis connected to a sis con	tore COMPRESSED GA eroxide hazard on conce resence of peroxides—d e test strips can be orde esting for the presences of red in exits or egress rou within a well-ventilated a alve protection must alwa d be stored away from lo ical and physical damage s cylinders must be store a wall or bench mountect that read "FULL, IN US essed gas cylinder. The I rs must be stored in a de rs must be physically se	SES in a flammable stora entration—do not distill or iscard or test for peroxide red through Fisher Scien of peroxides. ites. rea. ays be securely fastened cations that are continuo e, and in a well-ventilated ed upright and secured w I device. E, or EMPTY ", the tags s abel shall reflect the state esignated location that is gregated in storage as to	age cabinet. evaporate without first es after 6 months. EM tific, catalogue I, unless the cylinder is usly damp, subject to d area. with a chain or strap that shall not be removed us of the cylinder. labeled as such. FULL vs EMPTY.						
FL		EMPTY							

Wake Forest ® Baptist Health	Standard Procedu Tem	Operating ure (SOP) plate								
	COMPRESSED GAS SAFETY									
Effective Date:	Effective Date: 12/7/2011 Revised Date: 1/30/2012									
 Empty cylinders area. EE cylinders (le area. HANDLING 	 Empty cylinders should be labeled EMPTY and immediately returned to the storage area. EE cylinders (lecturer bottles) must not exceed a maximum quantity of 12 cylinder in an area. HANDLING 									
 Cylinders should always be transported with hand trucks equipped with the appropriate chains or straps to secure the cylinder during transport. Never drop, bang, or strike cylinders against each other nor against solid objects. Do not lift a cylinder by its cap; the cap or cylinder could come loose and cause harm. Anyone transporting cylinders should wear steel-toed shoes or at a minimum closed toe shoes. SEPARATION OF CYLINDERS BY HAZARD CLASS If storing more than one cylinder containing a different hazard classes then the cylinders must 										
ENGINEERING CONT	ROLS									
Some storage areas ar below 19.5% oxygen ar	e equipped with Oxygen nd produce an IDLH – in	sensors for ensu mediately dange	iring oxy rous life	gen levels do not drop and health situation.						
It is recommended that	oxygen sensors be insta	alled where liquid	nitrogen	is stored.						
In the event of an alarm and contact Environme Center at 716-9111.	In the event of an alarm from the sensors, do not access space, ensure door remains closed and contact Environmental Health and Safety at 716-9375 and Emergency Communication Center at 716-9111.									
Add Lab Specific Special Handling/Storage Procedures										
EMPLOYEE EXPOSURE MONITORING										
 Users of COMP sampling/monito Individuals plan consultation, an Exposure monit 	RESSED GASES are re bring may be performed ning a family or pregnan d recommendations. oring through EH&S is fr	equired to notify E to determine expe t can contact EH ree of charge.	H&S at 7 osure lev &S for ex	716-9375 so air rel. posure determination,						

Wake Forest Baptist Health			Standard Operating Procedure (SOP) Template								
	COMPRESSED GAS SAFETY										
E	Effective Date: 12/7/2011 Revised Date: 1/30/2012										
CHEMICAL USE WITH ANIMALS											
Clic b	Click here to enter text. Please consider alternative routes of exposure when handling animal bedding.										
WA	STE DISPOSAL										
In m ven EH8 SP	 Excess COMPRE GASES must be p following "HAZAF Full containers of EH&S Hazardous A Waste Ticket m GASES through E nost cases, the compr dor from which the cy &S at 716-9375 for dis 	SSED GASE blaced in an u COMPRESS Waste Progr ust be compl H&S. essed gas cy linder was pu sposal inform	S and all was unbreakable s TE COMPRE ED GASES w ram. leted and subr ylinder, includi urchased. If th ation.	te material econdary c SSED GAS vaste must nitted prior ng any unu e vendor ca	containing ontainer la SES". De dispose to disposi sed gas, v annot be d	g COMPRESS abeled with the ed of according ng of COMPRI will be returned letermined, col	ED g to the ESSED I to the ntact				
	CATEGORIES OF GASES	PI	ROPERTIES	F	OTENTIA	L HAZARDS]				
	INERT - argon, helium, neon and nitrogen										
	CATEGORIES OF PROPERTIES POTENTIAL HAZARDS GASES										
	LIQUEFIED GASES - Anhydrous ammonia, chlorine, propane, nitrous oxide and carbon dioxide	Cryogenic liquefied of low temper	materials are r solidified gas ratures.	ses at d a o a d	hey can c amage (fr sphyxiatio xygen dis nd potenti ue to pres	ause tissue ostbite), in due to placement, al explosion isure buildup.					

Wake Forest Baptist Health	• ® • 1	Standard Procedu Tem	Operating re (SOP) plate	9					
COMPRESSED GAS SAFETY									
ffective Date:		12/7/2011	Revise	d Date:	1/30/2012				
CATEGORIES GASES	OF	PROPERTII	ES	POTENTI	AL HAZARDS				
CORROSIVE - chlorine, hydrog chloride, fluorine hydrogen fluorid hydrogen sulfide carbon monoxid and carbon diox	en Sat e, bef e, gas e ide	ntact EH&S, Fire a fety Specialist at 7 fore ordering this o s.	and Life 16-9375 ategory of	 Metals when u corrosin check e lines fre leaks. A diaph should corrosin would o or bron Check supplie recomme equipm Removiafter us with dry nitroge 	become brittle used in ve gas service, equipment and equently for hragm gauge be used with ve gases that destroy a steel uze gauge. with gas er for mended hent. ve regulators se and flush y air or n.				
CATEGORY		PROPERTIES		POTENTI	AL HAZARDS				
FLAMMABLE - acetylene, butane	Hydroge tasteless	lydrogen Gas - colorless, asteless, flammable nonto		Forms a fla mixture ove	ammable er a wide				

FLAMMABLE	Hydrogen Gas - colorless, odorless,	Forms a flammable
- acetylene,	tasteless, flammable nontoxic gas.	mixture over a wide
butane,		range of concentrations
ethylene,	Contact EH&S, Fire and Life Safety	in air and requires a
hydrogen,	Specialist at 716-9375 before	minimum ignition
methylamine	ordering this category of gas.	source.
and vinyl		
chloride		Detonation from a low-
		energy ignition source is
		possible in hydrogen-air
		mixtures of 18-60%
		volume that are well
		mixed and confined.

Wake Forest ® Baptist Health			Standard Operating Procedure (SOP) Template				
			COMPRESSED	GAS	S SAFETY	•	
E	ffective Date:	1	2/7/2011	R	evised Da	ate:	1/30/2012
	CATEGORIES PR OF GASES		OPERTIES PHYSICAL HAZARDS			HANDLING AND STORAGE	
	OXIDIZER - Fluorine Gas	Highly toy gas. The oxidizing reacting v organic a substance Contact E Life Safet 716-9375 this categ	kic, pale yellow most powerful agent known, with practically all nd inorganic es. EH&S, Fire and ty Specialist at before ordering jory of gas.	ale yellow t powerful t known, ractically all organic , Fire and ecialist at re ordering f gas. Ale yellow t powerful t known, respiratory tracts, eyes, nose, and any other exposed mucous membranes. Penetrates deeply into body tissues and will continue to exert toxic effects unless neutralized.		ues ber acts, and bosed eeply sues nue s	Fluorine reacts violently with many materials and decomposes to hydrofluoric acid on contact with moisture, so make sure to keep equipment dry.
	CATEGORIES OF GASES					E	XAMPLES
	REACTIVE	Contact E Specialist this categ	H&S, Fire and L t at 716-9375 bef jory of gas.	ife Sa ore o	e Safety acetylene, 1 re ordering butadiene, n acetylene, v chloride, tetrafluoroet and vinyl flu		lene, 1,3- liene, methyl lene, vinyl de, luoroethylene rinyl fluoride
	CATEGORIES OF GASES					E	XAMPLES
Toxic or highly ToxicContact EH&S, Fire and Life SafetySpecialist at 716-9375 before order this category of gas.					ifety rdering		
EM	ERGENCY PROC	EDURES					
Em	ergency Number	'S:			740 0444		
Fire	and Medical Em	ergencies			(9 + 9111) (9 + 911 fo	or Friedl	perg campus)

Wake Forest ° Baptist Health	Stand Pro	Standard Operating Procedure (SOP) Template									
	COMPRE	SSED GAS	SAFET	ſ							
Effective Date:	12/7/2011	R	Revised Date: 1/30/20								
Principal Investigator's	Emergency Numb	ber									
Employee Health			716-4801								
Hospital Emergency R	oom		716-9008								
Environmental Health a	and Safety		716-9375								
Laboratory Contact In	formation										
Click here to enter tex	t	C	ick here to	enter tex	xt.						
Click here to enter tex	t.	C	ick here to	enter tex	t.						
Click here to enter tex	t.	C	ick here to	enter tex	xt.						
 If chemical exposure eyewash station an Call 716-9111 and a Keep people out of Report all accidenta Complete an <u>online</u> there is an accidenta 	e occurs, flush exp d/or safety shower describe the extent the area. al exposures to Em injury/illness repor involving the chen	oosed area fo of injuries, of ployee Heal <u>t</u> if there is a nical.	or 15 to 20 chemical s th Services in over-exp	minutes pilled and s. posure to	using emergency I the amount. the chemical or if						
SPILL AND ACCIDEN If the chemical spilled is contact 716-9111 and e of type of chemical, cor and response: <u>Chemica</u>	T PROCEDURES s considered a card evacuate area imm ntact 716-9111. Fo al Spill Procedures	cinogen, rep ediately, reg r all other sp	roductive t ardless of ills use the	oxin or hiq spill amo e chart be	ghly toxic chemical, unt. If you are unsure low for spill reporting						
SPILL Q	JANTITY		PROPER	SPILL R	ESPONSE						
Spill less th	nan 300 mL	Contact 9375	Environme) and clea	ental Hea n up spil	Ith and Safety (716- I using spill kit.						
Spill greater	9375) and clean up spill using spill kit. Spill greater than 300 mL Do not attempt to clean up spill. Leave the Area and immediately report to WFBMC Security (716-9111).										
For Spills of any compr	essed gas, leave tl	he area imm	For Spills of any compressed gas, leave the area immediately and contact the Hazmat Team by								

Wake Forest ® Baptist Health	Standard Procedu Terr	Operating ure (SOP) pplate			
COMPRESSED GAS SAFETY					
Effective Date:	12/7/2011	Revised Date:	1/30/2012		
calling 716-9111 from a campus phone. Spills of cryogenic liquid can cause depletion of oxygen in the area. For spills over 1 liter (or smaller amounts in very small rooms), leave the area immediately and contact the Hazmat Team by calling 716-9111 from a campus phone. EH&S can monitor to ensure adequate oxygen concentration.					

CERTIFICATION OF APPLICATION PLEASE READ THESE ITEMS AUTOMATICALLY BECOME A PART OF YOUR SOP

- 1. I understand that it is my responsibility to assure that all personnel working in my laboratory with any of these hazards are fully informed about their specific dangers, proper actions for safe use, steps to take in case of accidents, and are provided with all necessary safety equipment and instructions in its use.
- 2. I agree to follow the provisions of the Chemical Hygiene Plan.
- 3. I will ensure that all of my personnel attend Basic Lab Safety Training by EH&S prior to using chemical materials.
- 4. I agree to permit Representatives of WFSM Environmental Health and Safety to inspect the facilities where this work is being conducted.
- All chemical waste will be disposed of through EH&S Chemical Waste Program. I understand that drain disposal is <u>NOT allowed</u>.
- 6. Chemical materials will be transported in closed containers.
- 7. Sharps and/or breakable plastic solid waste items will be placed in approved punctureresistant container, i.e., a sharps container.
- As soon as possible, the Chemical Occupational Hygiene Officer will be notified in writing of any proposed changes in locations where chemical materials are stored or used.
- 9. Additional chemicals or changes in possession limits will be requested in writing from the Chemical Occupational Hygiene Officer.
- 10. Chemical materials will not be transferred to other Authorized Users without prior approval of the Chemical Occupational Hygiene Officer.
- 11. Chemical materials will not be shipped anywhere off campus without prior approval of the Chemical Occupational Hygiene Officer.
- 12. Secure chemicals (including waste) to prevent unauthorized access or removal. In addition, you must control and maintain constant surveillance of chemicals that are not in storage or are in use. This can be achieved by: 1) Locking refrigerators and/or storage cabinets, 2) Locking the laboratory when no one is present, and 3) Challenging unknown persons entering the laboratory.
- 13. I will notify the Chemical Occupational Hygiene Officer of my intent to leave WFUHS at least **60 days** in advance. I will be responsible for disposing of my chemical materials inventory through EH&S Chemical Waste Program.

First	Last	Signature
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	