BSL2 Lab Safety Inspection Checklist

Inspection	date:
PI:	

Location:

Inspected By:



NO NA

NO NA

ohazard Item(s):							
eferences: CDC BMBL 6th Edition	NIH Guidelines April 2024, OSHA 29 CFR 19	10.1030, and O	SHA 29 CFR 1910.1450, and	d Cincinnati Health De	partme	ent / Oh	io EP
A accept	able, NI needs improvement, NO no	ot observed,	NA not applicable	read comments	;		
Laboratory Access /	gress				Α	NI	NO
1.1 Minors are not allowed in							
1.2 Animals and plants not as	sociated with the work being performed are no	t permitted in th	e lab (CDC, NIH)				
1.3 Access to the lab is limited	l or restricted when experiments or work with o	cultures and spe	cimens are in progress (CDC,	NIH)			
Signs and Labels					Α	NI	N
	ncorporating the universal biohazard symbol a	and contact infor	mation is posted on the labo	ratory doors (CDC, NIH)			
2.2 Secondary containers with	disinfectant are properly labeled (chemical co	mpound and co	ncentration)	-			
2.3 Equipment used for proce	ssing and storing biohazardous materials are p	properly labeled	(biohazard symbol)				
2.4 Vacuum system flasks ar	d other biowaste containers are properly label	ed (biohazard sy	mbol)				
Engineering Controls					Α	NI	NC
3.1 Doors are kept closed at	all times						
3.2 Eyewash are readily avai	able and unobstructed (CDC, NIH, OSHA)						
3.3 Biosafety cabinets (BSC)	have documented annual certification (CDC)	Serial #	Last Inspe	ection date:			
3.4 After work is resumed, m	aterials are not stored inside the (BSC)						
3,5 Front and back BSC grill	s are not obstructed						
Facilities (CDC, NIH, OSHA)					Α	NI	NC
4.1 Laboratory contains a sin	< for hand washing						
4.2 Bench tops are imperviou	s to water and resistant to chemicals and mod	erate heat					
4.2 Laboratory furnitura is at	rdy and made by materials that allow disinfect	lion				1	1

2.4 Vacuum system flasks and other biowaste containers are properly labeled (biohazard symbol)				
3. Engineering Controls	Α	NI	NO	NA
3.1 Doors are kept closed at all times				
3.2 Eyewash are readily available and unobstructed (CDC, NIH, OSHA)				
3.3 Biosafety cabinets (BSC) have documented annual certification (CDC) Serial # Last Inspection date:				
3.4 After work is resumed, materials are not stored inside the (BSC)				
3,5 Front and back BSC grilles are not obstructed				
4. Facilities (CDC, NIH, OSHA)	Α	NI	NO	NA
4.1 Laboratory contains a sink for hand washing				
4.2 Bench tops are impervious to water and resistant to chemicals and moderate heat				
4.3 Laboratory furniture is sturdy and made by materials that allow disinfection.				
5. Personal Protective Equipment (PPE) (CDC, NIH, OSHA)	А	NI	NO	NA
The following articles of PPE are worn while working with infectious or potentially infectious materials				
5.1 Lab Coat				
5.2 Gloves				
5.3 Approved eye protection – work outside BSC				
5.4 Adequate shoes (no sandals)				
5.5 Mask (splash protection) – work outside BSC				
5.6 Respirator (e.g. N95, PAPR) – work outside BSC				
6. Infectious Waste Management (CDC, NIH, OSHA, CHD/OEPA)	А	NI	NO	NA
6.1 Infectious waste bags are placed in a durable, leak proof container during handling, storage and transport				
6.2 Vacuum flasks for the biosafety cabinet are properly contained when stored on the floor				
6.3 Needles, razor blades and other metal sharps are disposed of in an approved sharps container				
6.4 Non-metal sharps are disposed of in puncture resistant, leak-proof container				
6.5 Used disposable needles are not bent, sheared, broken, recapped or removed from disposable syringes				
6.6 All waste transported out of the laboratory is properly sealed and not transported in public corridors				
7. General Safety /Special Safety Practices & Compliance	Α	NI	NO	NA
7.1. Countertops and research areas are clean and well maintained				
7.2 Eating, drinking and storing food for human consumption must not be permitted in laboratory (CDC, NIH, OSHA)				
7.3 Lab personnel are appropriately immunized against for the agents being used or potentially present (e.g. HBV vaccinations) (BBP/OSHA)				
7.4 Adequate spill kit present and location well-signed				
7.5 Persons wash hands after handling infectious or potentially infectious materials, after removing gloves and before leaving lab (CDC, NIH)				
7.6 Equipment and work surfaces are appropriately decontaminated				
7.7 Personnel are updated with the annual OSHA BBP training				
7.8 An accurate inventory of agents is present				

	Inspection Findings
List #	Deficiencies/ Recommended Corrective Actions