

Biosafety level one and two inspection checklist

ASU's research and teaching laboratories that work with biohazards are required to have annual inspections by Environmental Health and Safety biosafety and biosecurity professionals. This checklist will be used during the annual inspections. Laboratory personnel should use this checklist to identify safety and regulatory deficiencies and address them before their annual inspection occurs.

This inspection checklist is designed to help reduce potential exposures to biohazards. Biohazards may include:

- Agents that can infect or cause disease in humans, animals or plants.
- Archaeological samples (e.g., bones, clothing fragments and pottery).
- Biohazardous waste.
- Environmental/field samples (e.g., water, wastewater, soil, and air samples).
- Experimentally-infected animals and animals naturally harboring zoonotic infectious agents.
- Genetically-modified organisms, plants, animals, etc.
- Human blood, tissue, organs, cell lines or other materials of human origin.
- Recombinant and synthetic nucleic acid molecules.
- Select agents and toxins.

Please use this checklist to perform a self-inspection of your own laboratory. If you check **no** to any of these questions, please correct this finding. In doing so, your laboratory will comply with regulations and make a safer working environment for everyone who works or enters your laboratory. If you have any questions, please contact askehs@asu.edu

Date: _____

Lab location(s): _____

Investigator: _____

Inspector(s): _____

Standard practices				
Questions:	Yes	No	N/A	Reference(s)
1. Does the laboratory supervisor enforce the institutional policies that control safety in and access to the laboratory? See Biosafety manual for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A1, p. 32; BSL-2, A1, p. 37; NIH G-II-A-1-a; NIH G-II-B-1-a
2. Do personnel wash their hands after working with potentially hazardous materials and before leaving the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A9, p. 34; BSL- 2, A9, p. 38; NIH G-II-A-1-f; NIH G-II-B-1-f
3. Eating, drinking, smoking, handling contact lenses, applying cosmetics, and storing food for human consumption are not permitted in laboratory areas. Food is stored outside the laboratory area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A10, p. 34; BSL- 2, A10, p. 38; NIH G-II-A-1-e; NIH G- II-B-1-e
4. Is mouth pipetting prohibited and are mechanical pipetting devices are used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A11, p. 34; BSL- 2, A11, p. 38; NIH G-II-A-1-d; NIH G- II-B-1-d
5. Are written policies for the safe handling of sharps, such as needles, scalpels, pipettes, and broken glassware are developed, implemented, and followed; policies are consistent with applicable state, federal, and local requirements? Whenever practical, laboratory supervisors adopt improved engineering and work practice controls that reduce risk of sharps injuries? See Sharpsfact sheet for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A12, p. 34; BSL- 2, A12, p. 39.
6. Are active or passive needle-based safety devices used whenever possible? E.g., needle-locking syringes or safety hypodermic needles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A12b, p. 30; BSL-2, A12b, p. 39; NIH G-II-B-2-j

Standard practices

Questions:	Yes	No	N/A	Reference(s)
7. Do personnel understand that used, disposable needles and syringes are carefully placed in puncture-resistant containers used for sharps disposal immediately after use? The sharps disposal container is located as close to the point of use as possible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A12b-iv, p. 35; BSL-2, A12b-iv, p. 39.
8. Are all syringes, needles and sharps disposed of in rigid, puncture-resistant, leak-proof containers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A5b, p. 35; BSL-2, A5b, p. 34; 1910.1030(d)(2)(viii)(A-D)
9. Are non-disposable sharps placed in a hard-walled container for transport to a processing area for decontamination, preferably by autoclaving?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A12c, p. 35; BSL-2, A12c, p. 39; 1910.1030(d)(2)(xiii)
10. Do lab personnel use mechanical means, such as a brush and dustpan, tongs or forceps to clean up broken glassware? Broken glassware is not handled directly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A12d, p. 35; BSL-2, A12d, p. 39.
11. Are all procedures performed to minimize the creation of splashes or aerosols?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A13, p. 35; BSL-2, A13, p. 39; NIH G-II-A-1-g; NIH G- II-B-1-g
12. Are work surfaces decontaminated work after completion of work and after any spill or splash of potentially infectious material with appropriate disinfectant?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A14, p. 35; BSL-2, A14, p. 40; NIH G-II-A-1-b; NIH G- II-B-1-b
13. Are all cultures, stocks, and other potentially infectious materials decontaminated before disposal using an effective method, consistent with applicable institutional, local, and state requirements before they are scheduled for pick-up? See Proper Use of Autoclave for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A15, p. 35; BSL-2, A15 p. 40; NIH G-II-A-1-c; NIH G-II-B-1-c; NIH-G-II-B-2-i;
14. Does the laboratory supervisor ensure that laboratory personnel receive appropriate training regarding their duties, potential hazards, manipulations of infectious agents, necessary precautions to minimize exposures, and hazard/exposure evaluation procedures and entry requirements? Personnel receive annual updates and additional training when equipment, procedures, or policies change? See Laboratory-Specific Biosafety Training Checklist for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A2, pg.32-33; BSL-2, A2, p. 37; 1910.1030(g)(2)
15. Have all personnel been informed that personal health status may affect an individual's susceptibility to infection and ability to receive available immunizations or prophylactic interventions. Therefore, all personnel, and particularly those of reproductive age and/or those having conditions that may predispose them to increased risk for infection (e.g., organ transplant, medical immunosuppressive agents), are provided information regarding immune competence and susceptibility to infectious agents. Individuals having such conditions are encouraged to self-identify to ASU Employee Health for appropriate counseling and guidance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A3, pg.33 BSL-2, A3, p. 37.
16. Has everyone working in the laboratory completed a Lab-Specific Biosafety Training Checklist? See Laboratory-Specific Biosafety Training Checklist for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ASU Biosafety Manual
17. Are laboratory personnel provided medical surveillance, as appropriate, and offered available immunizations for agents handled or potentially present in the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, B3, p. 40
18. Has the PI or supervisor developed lab-specific safety manual that contains sufficient information to describe the biosafety and containment procedures for the organisms and biological materials in use, appropriate agent-specific decontamination methods, and the work performed. The safety manual contains or references protocols for emergency situations, including exposures, medical emergencies, facility malfunctions, and other potential emergencies. The safety manual is available, accessible, and periodically reviewed and updated, as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL1, A4, p. 33; BSL-2, A4, p. 37-38.
19. Does the laboratory supervisor ensure that laboratory personnel demonstrate proficiency in standard microbiological practices and techniques for working with agents requiring BSL-2 containment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, B2, p. 40

Standard practices

Questions:	Yes	No	N/A	Reference(s)
20. Are cultures, stocks and other potentially infectious materials, to be decontaminated outside of the immediate laboratory placed in a durable, leak-proof container and secured for transport? For infectious materials, the outer surface of the container is disinfected prior to moving materials and the transport container has a universal biohazard label. Are materials to be removed from the facility for decontamination are packed in accordance with applicable local, state, and federal regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A15 a-b, p.35; BSL-2, A15 a-b, p. 40; NIH G-II-A-2-a; G-II-B-2-a
21. Is laboratory equipment decontaminated routinely; after spills, splashes, or other potential contamination; and before repair, maintenance, or removal from the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, B5, p. 41; 29 CFR 1910.1030(d)(2)(xiv)
22. Are spills involving biohazardous materials contained, decontaminated, and cleaned up by staff who are properly trained and equipped to work with them? A spill procedure is developed and posted within the laboratory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A14, p.35; BSL-2, A14, p. 40.
23. Are personnel aware of the procedures for reporting incidents? All incidents are reported to the laboratory supervisor and any other personnel designated by the institution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BSL-2, B7, p. 41
24. Is the PI or supervisor immediately notified if there are spills and accidents that result in exposure to biohazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BSL-2, B7, p. 41; ASU Biosafety Manual
25. Are animals and plants not associated with the work being performed not permitted in the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BSL-1, A17, p. 35; BSL-2, A17, p. 40.
26. If there is a biological safety cabinet in the lab, has it been certified within the past year? Is the BSC free of equipment and supplies that can block the air grills and disrupt proper airflow? See Biological Safety Cabinets SOP for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Appendix A p. 367; NSF 49
27. Is a biological safety cabinet or other physical containment devices are used when possible, whenever: a. Procedures with a potential for creating infectious aerosols or splashes are conducted. These include pipetting, centrifuging, grinding, blending, shaking, mixing, sonicating, opening containers of infectious materials, inoculating animals intranasally, and harvesting infected tissues from animals or eggs. b. High concentrations or large volumes of infectious agents are used. Such materials may be centrifuged in the open laboratory using sealed rotors or centrifuge safety cups with loading and unloading of the rotors and centrifuge safety cups in the BSC or another containment device. c. If it is not possible to perform a procedure within a BSC or other physical containment device, a combination of appropriate personal protective equipment and administrative controls are used, based on a risk assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL, BSL-2, B4a-c. p. 40-41
28. Is equipment such as refrigerators or freezers for use or storage of biohazardous materials labeled with a biohazard symbol?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29 CFR 1910.1030(g)(1)(i)(A-D)
29. If centrifuges are used, are sealed rotor heads or safety cups used and only opened in an approved biological safety cabinet or other containment device?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ASU Biosafety Manual
30. If an autoclave is used, are procedures posted? See Proper Use of Autoclave for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ASU Biosafety Manual; 29CFR 1910.1030(e)(3)(ii), 1910.1030(e)(4)(v)
31. Do personnel know that long hair must be restrained so that it cannot contact hands, specimens, containers, or equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A6, p. 33; BSL-2, A6, p.38.
32. Do personnel wear protective laboratory coats, gowns, or uniforms designated for laboratory while working with hazardous materials and removed before leaving for non-laboratory areas (e.g., cafeteria, library, and administrative offices). See Biosafety PPE for reference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, C1, p. 36; BSL-2, C1, p. 41; 29 CFR 1910.1030(e)(2)(ii)(F); NIH G-II-A-1-h; NIH G-II-B-2-f

Standard practices

Questions:	Yes	No	N/A	Reference(s)
33. Do personnel dispose of PPE appropriately or deposit it for laundering by the institution and know that laboratory clothing is not taken home.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, C1, p. 41; NIH G-II-B-2-f; ASU Biosafety Manual
34. Do personnel <u>remove gloves</u> in a manner that minimizes personal contamination and transfer of infectious materials outside of the areas where infectious materials and/or animals are housed or manipulated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A8, p.34; BSL-2, A8, p. 38; ASU Biosafety Manual
35. Do personnel wear protective eyewear when working in the laboratory?.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, C3, p. 36; BSL-2, C2, p. 41; ASU Biosafety Manual.
36. When biohazardous materials must be manipulated outside a biological safety cabinet, do personnel use <u>eye and face protection</u> ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A7, p.34; BSL-2, C3, p. 36; ASU Biosafety Manual
37. Do personnel wear gloves to protect hands from exposure to hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A7, p. 34; BSL-2, A7, p. 38; NIH G-2-B-2-h; 29 CFR 1910.1030(d)(3)
38. Are alternatives to latex gloves available for personnel with latex sensitivity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, C4, p. 32; BSL-2, C4, p. 37; 29 CFR 1910.1030(d)(3)(iii)
39. Are gloves changed when contaminated, when glove integrity is compromised, or when otherwise necessary?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A7c, p. 34; BSL-2, A7c, p. 38. 29 CFR 1910.1030(d)(3)(ix)(A)
40. Do personnel wash their hands after working with potentially hazardous materials and before leaving the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A9, p. 34; BSL-2, A9, p. 38; 29 CFR 1910.1030(d)(2)(vi)
41. Are disposable gloves prohibited from being washed or reused?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A7d, p. 34; BSL-2, A7d, p. 38; 29 CFR 1910.1030(d)(3)(ix)(B)
42. Are used gloves disposed with other contaminated laboratory waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A7d, p. 34; BSL-2, A7d p. 38; 29 CFR 1910.1030(d)(3)(viii)
43. In circumstances where research animals are present in the laboratory, does the risk assessment considers appropriate eye, face, and respiratory protection, as well as potential animal allergens?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, C4, p. 36

Laboratory facilities

Questions:	Yes	No	N/A	Reference(s)
44. Is a sign posted at the entrance to the laboratory when infectious materials are present? Posted information includes: the laboratory's Biosafety Level, the supervisor's or other responsible personnel's name and telephone number, PPE requirements, general occupational health requirements (e.g., immunizations, respiratory protection), and required procedures for entering and exiting the laboratory. Agent information is posted in accordance with the institutional policy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A5 p. 33; BSL-2, A5, p. 38; NIH G-II-B-2-d; ASU Biosafety Manual
45. Does the lab have a current registration in EHS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ASU Biosafety Manual
46. Does the laboratory supervisor enforces the institutional policies that control safety in and access to the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, A1, p. 32; BSL-2, A1, p. 37.
47. Do laboratories have doors that are self-closing and have locks in accordance with the institutional policies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL2, D1, p. 42
48. Does the lab have a sink for handwashing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D2, p. 36; BSL-2, D2, p. 42; NIH G-II-A-4-d; NIH G-II-B-4-d
49. Are carpets and rugs present? Carpets and rugs in laboratories are not appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D4a, p. 36; BSL-2, D4a, p. 42.
50. Is furniture in the laboratory capable of supporting anticipated loads and uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D5, p. 36; BSL-2, D5, p. 42; NIH G-II-A-4-c
52. Are bench tops impervious to water and resistant to heat, organic solvents, acids, alkalis, and other chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D5a, p. 36; BSL-2, D5a, p. 42; NIH G-II-A-4-b; NIH G-II-B-4-b
53. Are chairs used in laboratory work covered with a non-porous material that can be easily cleaned and decontaminated with appropriate disinfectant?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D5b, p. 33; BSL-2, D5b, p. 42.
54. Laboratory windows that open to the exterior are not recommended. However, if a laboratory does have windows that open to the exterior, are they fitted with screens?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D6, p. 36; BSL-2, D6, p. 42; NIH G-II-A-4-e; NIH G-II-B-4-e
55. Are biological safety cabinets located away from doors, windows that can be opened, heavily traveled lab areas and other potentially disruptive equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, D6, p. 38
56. If vacuum lines are used, are they protected with liquid disinfectant traps in-line HEPA filters or their equivalent. Filters are replaced, as needed, or are on a replacement schedule determined by a risk assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, D8, p. 42; ASU Biosafety Manual
57. Is there an eyewash station readily available in the laboratory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-1, D3, p. 36; BSL-2, D3, p. 42; ASU Biosafety Manual
58. Does the room provide an inward flow of air without recirculation to spaces outside the room?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, D9, p. 38; ASU Biosafety Manual
59. Is a method for decontaminating all waste available in (e.g., autoclave, chemical disinfection, incineration or othe validated decontamination method)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL: BSL-2, B6, p. 41; NIH G-II-B-4-f; ASU Biosafety Manual

Additional requirements for OSHA bloodborne pathogens

Questions:	Yes	No	N/A	Reference(s)
60. Have personnel been offered and received appropriate immunizations for the agents potentially present in the lab (e.g., hepatitis B)? Or declined in writing? (Bloodborne Pathogen Exposure Control Plan) (Hepatitis B Virus Consent Declination Form)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29 CFR 1910.1030(f)(1)(i)
61. Do personnel have access to the ASU Bloodborne Pathogens Exposure Control Plan? (Bloodborne Pathogen Exposure Control Plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29 CFR 1910.1030(g)(2)(vii)(D)
62. Have personnel with the potential for exposure to bloodborne pathogens or other potentially infectious materials completed ASU's Bloodborne Pathogens Training? (Lab Specific Biosafety Training)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29 CFR 1910.1030(g)(2)(i)

Additional requirements for recombinant and synthetic nucleic acid molecules

Questions:	Yes	No	N/A	Reference(s)
63. Has the PI's recombinant/synthetic nucleic acid research been reviewed and approved by the Institutional Biosafety Committee?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH Section III
64. Does the laboratory have 10 or more liters of culture present? (Large Scale Research Fact Sheet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH III-D-6
65. Is the PI familiar with which section of the NIH Guidelines their research falls under?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH IV-B-7
66. Does the laboratory have an emergency response plan for dealing with accidents, spills, or other incidents involving recombinant/synthetic nucleic acid molecules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH IV-B-2-b-(6)
67. Are personnel familiar with the emergency response procedures for spills or exposures involving recombinant/synthetic nucleic acid molecules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH IV-B-2-b-(6)
68. Do lab personnel have access to the NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules? (NIH Guidelines)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH, G-I
69. Do personnel have access to copies of procedures (e.g., SOPs) for recombinant/synthetic nucleic acid molecules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH, G-I
70. Are animals not involved in the research prohibited in the room?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-g
71. Are hypodermic needles and syringes used only for parenteral injection and aspiration of fluids from laboratory animals and diaphragm bottles?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-j
72. Are only needle-locking syringes or disposable syringe-needle units (i.e., needle is integral to the syringe) used for the injection or aspiration of fluids containing organisms that contain recombinant or synthetic nucleic acid molecules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-j
73. Is extreme caution used when handling needles and syringes to avoid autoinoculation and the generation of aerosols during use and disposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-j
74. Are spills and accidents, which result in overt exposures to organisms containing recombinant or synthetic nucleic acid molecules immediately, reported to the Biological Safety Officer and Institutional Biosafety Committee?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-k
75. Is an insect and rodent control program in effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-A-2-b; NIH G-II-B-2-e
76. Has a laboratory-specific biosafety manual been adopted? (Lab-Specific Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-m
77. Are personnel required to read and follow the laboratory-specific biosafety manual? (Lab-Specific Manual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH G-II-B-2-m

Additional requirements for toxins

Questions:	Yes	No	N/A	Reference(s)
78. Does the research involving working with or generating any toxins of biological origin? If yes, which toxin(s) and how many milligrams?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ASU Biosafety Manual
79. Does the laboratory have any toxins listed on the Select Agent and Toxin list? (Select Agents and Toxins)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42 CFR 73
80. Is an inventory control system in place for the toxins?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL, Appendix F
81. Is all work with toxins conducted within a certified chemical fume hood or Biological Safety Cabinet?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BMBL, Appendix A, ASU Biosafety Manual

Equipment inventory

Is there an autoclave present? (Yes <input type="checkbox"/> , No <input type="checkbox"/>)					
If yes, please include the following information for each:					
	Model Number	Serial Number	Location	Last Certification Date	Certification Due Date
Autoclave (1)					
Autoclave (2)					
Autoclave (3)					

If you need additional space for more than (3) pieces of equipment, please use extra blank sheets of paper

Is there a biological safety cabinet (BSC) present? (Yes <input type="checkbox"/> , No <input type="checkbox"/>)					
If yes, please include the following information for each:					
	Model Number	Serial Number	Location	Last Certification Date	Certification Due Date
BSC (1)					
BSC (2)					
BSC (3)					

If you need additional space for more than (3) pieces of equipment, please use extra blank sheets of paper

Is there a centrifuge present? (Yes <input type="checkbox"/> , No <input type="checkbox"/>)					
If yes, please include the following information for each:					
	Model Number	Serial Number	Location	Last Certification Date	Certification Due Date
Centrifuge (1)					
Centrifuge (2)					
Centrifuge (3)					

If you need additional space for more than (3) pieces of equipment, please use extra blank sheets of paper.

Is there a flow cytometer present? (Yes <input type="checkbox"/> , No <input type="checkbox"/>)					
If yes, please include the following information for each:					
	Model Number	Serial Number	Location	Last Certification Date	Certification Due Date
Flow Cytometer (1)					
Flow Cytometer (2)					
Flow Cytometer (3)					

If you need additional space for more than three pieces of equipment, please use extra blank sheets of paper.

Questions? Contact ASU Environmental Health and Safety at 480-965-1823 or email biosafety@asu.edu.
Revision date 07/01/2024