

This submission is: <input type="checkbox"/> A new registration <input type="checkbox"/> An update to an existing registration <input type="checkbox"/> A renewal		
Entity Name:		Date:
PI(s):		

**Attachment F – BSL3Ag Laboratories**

1. Supplies, material and equipment enter and exit BSL3Ag areas only through an airlock, fumigation chamber, an interlocked and double-door autoclave, or shower. Yes  No   
     For materials which are temperature sensitive, a gas sterilizer, pass-through liquid dunk tank, or a cold gas decontamination chamber are provided. Yes  No
  
2. Is a shower required when leaving the containment boundary Yes  No
  
3. Disposable materials are decontaminated by a verified method (check all that apply): Yes  No   
 Autoclaved  
 Chemical (disinfectant, concentration, and time) \_\_\_\_\_  
 Incineration \_\_\_\_\_  
 Other \_\_\_\_\_
  
4. All containment areas are designed, constructed and verified to function as a primary containment barrier. All walls are constructed slab-to-slab and walls, floors, and ceilings are sealed. All penetrations into the laboratory are sealed airtight to prevent escape of agents and to allow fumigation for biological decontamination. Yes  No
  
5. Differential pressures/directional airflow are monitored and alarmed to indicate system failure. Yes  No
  
6. There is HEPA filtration of all supply and exhaust air to and from the containment space. Yes  No   
     If yes, all HEPA filters are certified annually. Yes  No
  
7. Laboratory procedure and design features include:
  - a. Personnel ingress and egress only through a series of rooms which includes a ventilated vestibule. Yes  No
  - b. A clean change room outside of containment. Yes  No
  - c. Doors that define a containment boundary have compressible or inflatable gaskets with airtight hinges and latch/knob areas. Yes  No
  - d. A shower room at the non-containment/containment boundary. Yes  No
  - e. A dirty change room within containment. Yes  No
  
8. A second shower is required at the facility access control point before donning street clothing. Yes  No

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**Attachment F – BSL3Ag Laboratories (Continued)**

9. Humane restraining devices are provided in large animal rooms. Yes  No   
 If yes, describe. Add additional sheets as needed.

10. Are necropsy rooms sized and equipped appropriately to accommodate animals? Yes  No   
 If yes, describe. Add additional sheets as needed.

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**Attachment G – BSL4/ABSL4 Laboratories**

**BSL4 LABORATORY**

1. Will work be performed in a BSL4/ABSL4 Cabinet Laboratory? Yes  No   
If yes, complete questions 2 - 8
  
2. Describe the type of personal protective equipment that will be used. Add additional sheets as needed.
  
3. Describe the decontamination methods for materials/equipment in the Class III cabinet. Add additional sheets as needed.
  
4. Describe what liquid effluents are decontaminated and how they are decontaminated. Add additional sheets as needed.
  
5. Describe the supply and exhaust components of the ventilation system, including how the ventilation system of the Class III cabinet is manifolded to the room ventilation. Add additional sheets as needed.
  
6. In the event of a ventilation failure, describe what measures are used to prevent reversal of airflow. Add additional sheets as needed.
  
7. Describe how differential pressures and directional airflow are monitored and analyzed. Add additional sheets as needed.
  
8. Describe how containment parameters are monitored daily. Add additional sheets as needed.
  
9. Will work be performed in a BSL4/ABSL4 Suit Laboratory? Yes  No   
If yes, complete questions 10 - 16
  
10. Describe the type of personal protective equipment that will be used. Add additional sheets as needed.
  
11. Describe what liquid effluents are decontaminated and what measures are used to do so. Add additional sheets as needed.

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**Attachment G – BSL4/ABSL4 Laboratories (Continued)**

12. Describe the supply and exhaust components of the ventilation system, including how negative pressure is maintained and HEPA filtration of supply and exhaust air. Add additional sheets as needed.
  
13. In the event of a ventilation failure, describe what measures are used to prevent reversal of airflow. Add additional sheets as needed.
  
14. Describe how differential pressures and directional airflow are monitored and analyzed. Add additional sheets as needed.
  
15. In the event of a breathing air failure, describe what facility redundancies are in place. Add additional sheets as needed.
  
16. Describe how containment parameters are monitored daily. Add additional sheets as needed.