



Revision No: <b>03</b>	Replaces: <b>02</b>	Date in effect: <b>2/11/2016</b>	Page: <b>1 of 2</b>
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**RESPONSIBILITY:** Animal Care Services Facility Manager and Technical Staff

**PURPOSE**

Procedures for husbandry of pigs housed under BSL II conditions.

**RESPONSIBILITY**

- A. Animal Care Services:
  - 1. All staff and Investigators will be adequately trained to perform the husbandry and safety practices described prior to the start of work
  - 2. Animal housing rooms are clearly labeled with the biohazardous agent present and specific safety practices implemented.
  - 3. Appropriate personal protective equipment (PPE) will be available.
  - 4. Biohazard MSDS will be accessible.

**FLOW OF PEOPLE**

- A. Access to rooms housing BSL II animals is limited to authorized personnel.
- B. People enter with clean, non-soiled clothing.
  - 1. Disposable lab coat or coveralls
  - 2. Shoe or boot covers
  - 3. Head cover
  - 4. Face shield (eye & mouth/face protection)
  - 5. Latex or plastic gloves (be aware of potential latex allergy)
  - 6. Other PPE unique to the specific hazard
- C. Before leaving the animal room, discard disposable PPE.
  - a. Wash and disinfect hands
  - b. Exit the facility and wash hands again
  - c. Use the locker room or rest room to change back into street clothes.

**PROCEDURES**

- A. Husbandry and care of BSL II animals are completed after other colonies.
- B. Work surfaces are decontaminated with Clidox or a 10% bleach solution, followed by 70% alcohol, prior to and after use.
- C. Animals must be checked up to twice a day for signs of illness or distress,. Sick animals will be reported to the ACS Staff.
- D. All cleaning must minimize the creation of aerosols. Cleaning is based on agents and housing density:
  - 1. Cleaning is performed daily.



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2. Quatricide is mixed ½ ounce to a gallon of water.
  3. Enclosures and floor will be sprayed with Quatricide then hosed down with warm water to the floor drain trough.
  4. Quatricide will be poured into the drain before flushing.
- E. Water devices are to be checked daily. Feeders are to be checked daily for cleanliness and washed a minimum of once a week.
- F. Soiled feeders and other small parts are to be autoclaved prior to transferring to cage-wash for sanitation:
1. Place items in an autoclave bag.
  2. Seal bag with autoclave indicator tape leaving enough space for steam to escape.
  3. Spray outside of bag with Clidox or 10% bleach and allow for appropriate contact time for disinfection (i.e., 5 and 2 minutes respectively) prior to removing from the room.
  4. Transport bag directly to autoclave or into designated tote container.
- G. Animal rooms with sinks will have a drain plug. The sink will be sprayed with Quatricide and will have Quatricide poured into the drain before using.
- H. At the end of the study, the entire cage will be foamed with a disinfectant, allowed to soak for 10 minutes, rinsed with 180° F water, and scrubbed until visibly clean, then rinsed with 180°F water.
- I. The rooms will be decontaminated following SOP060 Decontamination of Animal Rooms and Procedural Areas.