

BioSafety Evaluation

Bldg/Room _____
Lab Contact _____
Materials _____

Date _____
PI _____
Department _____
Inspector _____
Record # _____

BSL BSL1 BSL1/A ABSL1 BSL1-P LS/BSL1 BSL2 ABSL2

| BSL-1 | | Y | N | O | N/A | Comments/Notes |
|--|---|---|---|---|-----|----------------|
| 1 | Access controlled when lab is unoccupied. | | | | | |
| 2 | Eating, drinking, handling contact lenses, applying cosmetics, and storing food not permitted. Food stored outside lab. | | | | | |
| 3 | Mouth pipetting prohibited and only mechanical pipetting devices used. | | | | | |
| 4 | Open flames not used in BSC (touch-plate micro burners and alcohol burners are prohibited). | | | | | |
| 5 | Vacuum lines protected with HEPA filter and disinfectant trap. | | | | | |
| 6 | Broken glassware not handled. | | | | | |
| 7 | Work surfaces regularly cleaned with appropriate disinfectant (plastic-backed paper changed routinely). | | | | | |
| 8 | Biological waste disposed of properly. rDNA waste disposed as biohazardous. | | | | | |
| 9 | Records kept for autoclaved biological waste. | | | | | |
| 10 | Biohazard sign posted. | | | | | |
| 11 | Personnel have access to and have signed biosafety manual. Manual on file with EHS. | | | | | |
| 12 | Sink and soap available. Personnel wash hands after working with materials and before leaving lab. | | | | | |
| 13 | No fabric chairs. | | | | | |
| 14 | Pests controlled. | | | | | |
| Insects: BSL-1 + Items Listed | | | | | | |
| 15 | Insects/incubators not in hallway. | | | | | |
| 16 | Cage containers labeled. | | | | | |
| 17 | Escaped insects trapped. | | | | | |
| 18 | All stages of insects killed before disposal (must be frozen prior to disposal). | | | | | |
| 19 | Recombinant insects disposed as biohazardous (must be autoclaved or disposed through EHS after freezing). | | | | | |
| Animals: ABSL-1 (BSL-1 + Items Listed) | | | | | | |
| 20 | Animals or plants not associated with work prohibited. | | | | | |
| 21 | Animal materials/carcasses properly disposed. | | | | | |
| 22 | Walls, floors and ceilings water resistant. Floors slip resistant. | | | | | |
| 23 | Doors self-closing; not propped open. | | | | | |
| BSL-1 Plants: (BSL-1 + Items Listed) | | | | | | |
| 24 | Records of current experiments kept in greenhouse. | | | | | |
| 25 | Plants/associated materials (soil, seeds) autoclaved in same building prior to disposal. | | | | | |
| BSL-1 Large Scale: (BSL-1 + Items Listed) | | | | | | |
| 26 | Culture system closed. Removal involving viable organism performed using closed system. | | | | | |
| 27 | Culture fluid not drained from system unless organisms inactivated. | | | | | |
| 28 | System not opened for maintenance unless sterilized. | | | | | |
| 29 | Exhaust gases from system are HEPA filtered. | | | | | |
| BSL-2: (BSL-1 + Items Listed) | | | | | | |
| 30 | Personnel aware of OHP. | | | | | |
| 31 | Safe sharp devices used; alternative to sharps used when possible (required for human blood draws and when working with infectious/pathogenic materials). | | | | | |
| 32 | Storage units (incubators, refrigerators, freezers) containing infectious material labeled with biohazard sticker. | | | | | |

| | | | | | | |
|--|---|--|--|--|--|--|
| 33 | Animals or plants not associated with work prohibited. | | | | | |
| 34 | Procedures that potentially create spills/aerosols conducted in BSC (pipetting/vortexing). Sealed centrifuge rotors/safety cups used (opened in BSC). | | | | | |
| 35 | BSC located away from heavy traffic and doors/vents. Grills not blocked or covered. | | | | | |
| 36 | BSC certified annually. | | | | | |
| 37 | Personnel who ship infectious substances have DOT/IATA training. | | | | | |
| 38 | Doors self closing. | | | | | |
| Animals: ABSL-2 (ABSL-1 + BSL-2 + Items Listed) | | | | | | |
| 39 | Contaminated bedding/carcasses disposed as biohazardous waste. | | | | | |
| 40 | Cages autoclaved or decontaminated prior to washing. | | | | | |
| 41 | Procedures involving exposure of animals to infectious materials conducted in BSC. | | | | | |
| 42 | Cage changing performed in BSC. | | | | | |

Other (Describe)

| | | | | | | |
|----|---------------|--|--|--|--|--|
| 43 | Miscellaneous | | | | | |
|----|---------------|--|--|--|--|--|

Notes: