

University of Nebraska Medical Center

Biosafety Policies and Procedures

IBC20-Form 1. Laboratory re-commissioning - ABSL-3 and BSL-3 checklist.

Building _____ Room No. _____ Investigator _____

1. Laboratory furniture is capable of supporting anticipated loading and uses. Yes No
2. For each BSC, a test certificate is available to indicate that the cabinet has passed certification requirements in accordance with NSF 49. Yes No
3. The calibration and verification certificates of the equipment used to test the BSCs are on file with the University. Yes No
4. Each BSC is labeled to indicate that it has been verified and verification records are available. Yes No
5. BSCs are located away from doors, from windows that can be opened, from heavily traveled laboratory areas, and from other potentially disruptive equipment so as to maintain the BSCs airflow parameters for containment. Yes No
6. Class II, B2 hard-ducted BSCs are connected to the supply system in a manner that prevents positive pressurization of the cabinets. Yes No
7. Newly installed or remanufactured autoclaves when present have been tested successfully using a biological monitor. Yes No
8. All critical systems are on emergency power, including but not limited to controls, fans, security, critical equipment, etc. Yes No
9. Each laboratory contains a hands-free sink that has been confirmed to be operating properly. Yes No
10. Carpets and rugs are not present in the lab. Yes No
11. Furniture used in laboratory work is covered with a non-fabric material that can be easily decontaminated. Yes No
12. Bench tops are impervious to water and are resistant to moderate heat and organic solvents used to decontaminate the work surface and equipment. Yes No
13. Spaces between benches, cabinets, and equipment are accessible for cleaning. Yes No
14. Windows, if present, are properly sealed to prevent leakage. Yes No
15. Eyewash stations and drench showers are readily available and confirmed to be operating properly. Yes No
16. Illumination is adequate for all activities, avoiding reflections and glare that could impede vision. Yes No
17. Doors into the laboratory are lockable. Yes No
18. Door signage is present to indicate that biohazards are contained in the laboratory. Yes No
19. The integrity of all penetrations and seals have been visually inspected and with a smoke pencil or other visual aid to ensure proper sealing. Yes No

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| 20. Floors, walls, and ceiling have been visually inspected and do not have cracks or chips. | Yes | No |
| 21. Openings around ducts and spaces between doors and frames are sealed. | Yes | No |
| 22. Disinfection systems e.g. dunk tanks, fumigation chambers when present are operational and have been tested using a biological indicator to show they perform according to specifications. | Yes | No |
| 23. All communication devices (phone, intercom, radio, video, etc.) are operational. | Yes | No |
| 24. The interlocking door mechanism is functional. | Yes | No |
| 25. Emergency egress overrides of the interlocks are operational. | Yes | No |
| 26. Access control and security devices are present on all entry points to the laboratory. | Yes | No |
| 27. Access control and security devices operate as intended. | Yes | No |
| 28. The laboratory HVAC HEPA filters have been certified annually (tested for leaks using pressure decay and found to be acceptable in accordance with industry standards. | Yes | No |
| 29. Directional airflow has been confirmed. | Yes | No |
| 30. The Building Automation System (BAS) that monitors and records performance measures of the air handling system shows that the system has proper function. | Yes | No |
| 31. All BAS alarms have been recorded and addressed to verify for proper function. | Yes | No |
| 32. Documentation exists to verify that exhaust fan motors have been checked and routine maintenance conducted. | Yes | No |
| 33. Digital airflow gauges have been calibrated | Yes | No |
| 34. All alarms (fire, airflow, security, etc.) have been checked and are functioning according to established guidelines. | Yes | No |
| 35. Smoke testing of access doors was done to confirm the presence of negative airflow. | Yes | No |
| 36. The thimble gaps of the Class II A2 biological safety cabinets have been tested and are confirmed to be negatively pressurized to the room. | Yes | No |
| 37. Seals on centrifuges and rotor safety cups have been checked for cracks and replaced if required. | Yes | No |
| 38. Drench showers, eye wash stations, and hands free sinks have been confirmed to be operating properly. | Yes | No |