

REQUIREMENTS FOR LABORATORIES WITH RESEARCH INVOLVING BIOSAFETY LEVEL 2 CONTAINMENT AT CARNEGIE MELLON UNIVERSITY

Introduction

The purpose of this document is to outline the requirements for laboratories involving Biosafety Level 2 containment at Carnegie Mellon University. This document does not cover other requirements for research at Carnegie Mellon University and you are required to contact Michael Fouch of Environmental Health and Safety at mfouch@andrew.cmu.edu.



Renovation/Construction of the Laboratory

Principal Investigators (PI) and/or Project Managers are required to contact the Biological Safety Officer BEFORE plans are made to renovate an existing laboratory or to construct a new laboratory where research involving Biosafety Level 2 (BSL-2) containment is required. In addition all renovations or construction must be done in accordance with "[Carnegie Mellon University's Guidelines for Design and Construction of Biosafety Containment Laboratories](#)"

Registration of Your Work

All work where research involving Biosafety Level 2 (BSL-2) containment is required must be registered and approved by the Institutional Biosafety Committee (IBC) before work can begin. Please visit: <http://www.cmu.edu/ehs/biological/ibc.html> for more information regarding this registration process.

Amendments Effective: July 26, 1994, Federal Register, August 5, 1994 (59 FR 40702)
Amendments Effective: April 17, 1996, Federal Register, April 27, 1996 (61 FR 20729)
Amendments Effective: December 16, 1996, Federal Register, January 15, 1997 (62 FR 1483)
Amendments Effective: March 1, 1996, Federal Register, March 12, 1996 (61 FR 13324)
Amendments Effective: January 23, 1997, Federal Register, January 31, 1997 (62 FR 1483)
Amendments Effective: September 30, 1997, Federal Register, October 14, 1997 (62 FR 53339)
Amendments Effective: October 23, 1997, Federal Register, October 29, 1997 (62 FR 53339)
Amendments Effective: October 22, 1997, Federal Register, October 31, 1997 (62 FR 53339)
Amendments Effective: February 4, 1998, Federal Register, February 17, 1998 (63 FR 2825)
Amendments Effective: April 30, 1998, Federal Register, May 11, 1998 (63 FR 2825)
Amendments Effective: April 20, 1999, Federal Register, May 11, 1999 (64 FR 2825)
Amendments Effective: October 2, 2000, Federal Register, October 10, 2000 (65 FR 6000)
Amendments Effective: December 19, 2001, Federal Register, January 5, 2002 (66 FR 1483)
Amendments Effective: September 11, 2001, Federal Register, October 11, 2001 (66 FR 53339)
Amendments Effective: December 19, 2001, Federal Register, November 19, 2001 (66 FR 53339)
Amendments Effective: January 10, 2002, Federal Register, December 11, 2001 (67 FR 6000)
Amendments Effective: January 24, 2002, Federal Register, November 19, 2001 (67 FR 53339)

NIH GUIDELINES FOR RESEARCH INVOLVING RECOMBINANT DNA MOLECULES (NIH GUIDELINES)

April 2002

Visit the ODA Web site at: <http://www.nih.gov/oda>
For current information on Guidelines, Protocols, Biological Safety, Hearing & information about upcoming Gene Therapy Policy Conferences.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institute of Health
Guidelines for Research Involving Recombinant DNA Molecules (NIH Guidelines)

These NIH Guidelines supersede all earlier versions and shall be effective as printed above.

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Environmental Health & Safety

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Training Requirements

All personnel (including the PI) must sign up for an attend Biological Safety Training prior to beginning work with materials that requires BSL-2 containment. If your work involved human blood or human cells, Bloodborne Pathogens Training is also required. In addition, all personnel are required to complete Lab Safety/Hazardous Waste training if they have not done so already. Please visit: <http://www.cmu.edu/ehs/training/index.html> for more information and to register for these classes.

Biological Safety Cabinet Certifications

New biological safety cabinets or cabinets which have been relocated must be certified prior to use and annually thereafter. Please contact Filtech Inc at 800-269-2540 to schedule certification of biological safety cabinets. Once certified, a copy of the certification report must be submitted to the Biological Safety Officer. Please send a copy of these reports to Andrew Lawson, Mail Drop 90, Mellon Institute.



Commissioning the Laboratory

Once the renovations or construction in the laboratory is complete, the laboratory must be commissioned prior to initiation of research. The commission process involves an inspection of your lab to ensure that the facilities are suitable for work involving BSL-2 containment.

Please contact Andrew Lawson at 8-8405 or at alawson@andrew.cmu.edu to schedule this process.

Our Mission:

Environmental Health & Safety (EH&S) is committed to providing health and safety services that protect the University community and the environment.