
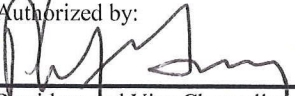
	McMaster University Risk Management Manual	RMM 600 Appendix C Title: Use of BSL 3 Biocontainment Facility	Date: Aug. 2004 Page: 1 of 3
Submitted by:	Approved: 	Authorized by: 	
Biosafety Committee	Vice President, Administration	President and Vice Chancellor	

## 1 PURPOSE

- 1.1 The BSL 3 biocontainment facility is supported by McMaster University for the use of investigators and graduate students.

In practice, approval is given by the McMaster University Presidential Biosafety Committee. Level 3 space is facilitated through the Faculty of Health Sciences Safety Office.

## 2 SCOPE


- 2.1 Work under this document must have the approval of the Biosafety Committee.
- 2.2 This document applies to all individuals associated with McMaster University.

## 3 RELATED DOCUMENTS

- 3.1 *Laboratory Biosafety Guidelines*, Health Canada, 3<sup>rd</sup> edition, 2004.
- 3.2 *Biosafety in Microbiological and Biomedical Laboratories*, 4<sup>th</sup> Edition, CDC.NIH.
- 3.3 Level 3 Biohazard Containment Facility Information Manual, 1997 - McMaster University.

## 4 DEFINITIONS

- 4.1 Risk Group 3 *(high individual risk, low community risk) A pathogen that usually causes serious human or animal disease, or which can result in serious economic consequences but does not ordinarily spread by casual contact from one individual to another, or that can be treated by antimicrobial or antiparasitic agents*
- 4.2 Containment Level 3 *This level is suitable for work with agents in Risk Group 3. The operational requirements for the level 3 laboratory are substantially greater than those for Level 1 and 2. A Level 3 containment laboratory requires specialized design and construction. Please see the Laboratory Biosafety Guidelines for more information.*
- 4.3 BSL3 User: *Faculty, staff or graduate student of McMaster University*
- 4.4 Supervisor: *A person who has charge of a workplace or authority over a worker.*

	McMaster University Risk Management Manual	RMM 600 Appendix C Title: Use of BSL 3 Biocontainment Facility	Date: Aug. 2004 Page: 2 of 3
---	--	--	---------------------------------

#### 4.5 Acronyms

- BSC Biosafety Committee

### 5 RESPONSIBILITIES

#### 5.1 Principal Investigators

- Supervisors must ensure that all persons meet the criteria of this policy and related documents.
- Supervisors must ensure that documentation and training is available to guide workers through the procedures.

#### 5.2 BSL 3 Users

- Workers have the responsibility to work within the procedures as set out by their supervisors and approved by the Biosafety Committee.

#### 5.3 BSC (Biosafety Committee)


- Review, revise and approve all standard operating procedures for work in the Level 3 facility.
- Monitor and approve training of individuals entering the facility.
- Audit safety of the BSL3 facility.
- Maintain close control and seek expert advice for all phases of design, construction, performance, verification and testing, operation and maintenance and annual testing for the facility.

### 6 PROCEDURES TO OBTAIN ACCESS TO BSL3 FACILITY

#### 6.1 Review and become familiar with:

- Health Canada *Laboratory Biosafety Guidelines, 2004*
- McMaster University Management plan for Level 3 Biocontainment Facility.

#### 6.2 Submit a Biosafety approval request form. Forms are available from Biosafety Office, HSC 3N1C.

	McMaster University Risk Management Manual	RMM 600 Appendix C Title: Use of BSL 3 Biocontainment Facility	Date: Aug. 2004 Page: 3 of 3
---	--	--	---------------------------------

- 6.3 Include detailed protocols for all work within the facility, with special attention to Level 3 safety measures that include:
- Training of personnel
  - Entry and exit protocols
  - Personal protection
  - Materials Leaving the Facility
  - Decontamination Procedures
  - Emergency Procedures
  - Medical Surveillance
  - Disinfectants to be used
  - Specific protocols for work to be done as part of research being conducted.
  - Record keeping
  - Communication of information between Committee, supervisor and technician
  - Animal Handling procedures (as required)
  - List of equipment to be used
- 6.4 Attend a Biosafety Committee meeting to discuss with committee members, the procedures, protocols, time frames and staff that will be in place when working in the facility.
- 6.5 All faculty, staff and graduate students must be current, and successful, on all training that is required. Specific training and observation is required for Level 3 independent work includes:
- BSL 3 training provided through the Biosafety Office
  - BSL 3 written exam (100% score required)
  - Training and observed work at Level 2 by Principal Investigator or staff per approved documentation.
  - BSL 3 practical exam
  - BSL 3 competency as determined by supervisor.
- 6.6 Additional requirements may be set by the Biosafety Committee on a project or individual basis.

## 7 RECORDS

- 7.1 Approval records and related BSL 3 documentation (SOPs) approved by the Biosafety Committee will be maintained by the Safety Office, HSC 3N1C.