

University Occupational Health and Safety Information Sheet

GM Containment Measures

	CONTAINMENT LEVEL	
	1	2
FACILITIES		
Laboratory suite: isolation	Not required	Not required
Laboratory: Sealable for fumigation	Not required	Not required
EQUIPMENT		
Surfaces impervious to water, resistant to acids, alkalis, solvents, disinfectants and decontamination agents and easy to clean	Required for any bench	Required for any bench
Entry to laboratory via airlock	Not required	Not required
Negative pressure relative to the pressure of the immediate surroundings	Not required	Not required
Extract and input air from the laboratory must be HEPA filtered	Not required	Not required
Microbiological safety cabinet/ enclosure	Not required	Required where and to extent the risk assessment shows it is required
Autoclave	Required on site	Required in the building
SYSTEM OF WORK		
Access restricted to authorised personnel only	Not required	Required
Biohazard sign on door required	Not required	Required
Specific measures to control aerosol dissemination	Not required	Required so as to minimise
Shower	Not required	Not required
Protective clothing	Suitable protective clothing required	Suitable protective clothing required
Gloves	Not required	Required where and to extent the risk assessment shows it is required
Efficient control of disease vectors (e.g. rodents and insects) which could disseminate GMMs	Required where and to extent the risk assessment shows it is required	Required
WASTE		
Inactivation of GMMs in effluent from hand washing	Not required	Required

sinks and showers and similar effluents		
Inactivation of GMMs in contaminated material and waste	Required by validated means where and to extent the risk assessment shows it is required	Required by validated means
OTHER MEASURES		
Laboratory to contain its own equipment	Not required	Not required
An observation window or alternative is to be present so that occupants can be seen	Required where and to extent the risk assessment shows it is required	Required where and to extent the risk assessment shows it is required
Safe storage of GMMs	Required where and to extent the risk assessment shows it is required	Required
Written (documented) records of training	Not required	Required where and to extent the risk assessment shows it is required

Refer also to [Biological Containment Facilities](#), where control measures differ the more stringent control should be implemented.