



Annex I

Tables adapted from S.I No.73/2001 – Genetically Modified Organisms (Contained Use) Regulations, 2001.

Table 4 Containment measures for contained use of GMM in a Class 1 & 2 Laboratory

Measures		Containment Level	
IVICA	Suies	Class 1	Class 2
1	Laboratory suite: isolation	Not required	Not required
2	Laboratory: sealable for fumigation	Not required	Not required
Equ	ipment		
3	Surfaces resistant to water, acids, alkalis, solvents, disinfectants, decontamination agents and easy to clean	Required for bench	Required for bench
4	Entry to laboratory via airlock	Not required	Not required
5	Negative pressure relative to the pressure of the immediate environment	Not required	Not required
6	Extract and input air from the laboratory should be HEPA-filtered	Not required	Not required
7	Microbiological safety cabinet	Not required	Optional
8	Autoclave	On site	In the building
Syst	tem of work		
9	Restricted access	Not required	Required
10	Biohazard sign on the door	Not required	Required
11	Specific measures to control aerosol dissemination	Not required	Required to minimize
12	Shower	Not required	Not required
13	Protective clothing	Suitable protective clothing	Suitable protective clothing; footwear optional
14	Gloves	Not required	Optional
15	Efficient vector control (e.g. for rodents and insects)	Optional	Required
Was	ite		
16	Inactivation of genetically modified micro- organisms in effluent from hand-washing sinks or drains and showers and similar effluents	Not required	Not required
17	Inactivation of genetically modified micro- organisms in contaminated material and waste	Optional	Required
Oth	er measures		
18	Laboratory to contain its own equipment	Not required	Not required
19	Observation window or alternative to enable occupants to be seen	Optional	Optional





$\label{thm:contained} \begin{tabular}{ll} Table 5 Containment measures for contained use of genetically modified microorganisms in plant growth facilities \\ \end{tabular}$

Measures		Containment Level	
		Class 1	Class 2
Buil	lding		,
1	Permanent structure	Not required	Required
Equ	ipment		
2	Entry via a separated room with two interlocking doors	Not required	Optional
3	Control of contaminated run-off water	Optional	Required to minimise run-off
Sys	tem of work		
4	Measures to control undesired species such as insects, rodents, arthropods	Required	Required
5	Procedures for transfer of living material between the plant growth facility and laboratory to control dissemination of genetically modified micro-organisms	Required to minimise dissemination	Required to minimise dissemination

Table 6 Containment measures for contained use of genetically modified microorganisms in animal units

Measures		Containment Level	
		Class 1	Class 2
Faci	ilities		
1	Isolation of animal unit	Optional	Required
2	Animal facilities separated by lockable doors	Optional	Required
3	Animal facilities designed to facilitate decontamination	Optional	Optional
4	Floor and walls easily washable	Optional	Required for floor
5	Animals kept in appropriate containment facilities	Optional	Optional
6	Filters on isolators or isolated room	Not required	Optional



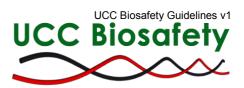


Table 7 Containment measures for contained use of genetically modified microorganisms in facilities other than those covered by tables above

Mea	sures	Containment Level	
		Class 1	Class 2
Gen	eral		
1	Viable micro-organisms contained in a system which separates the process from the environment, i.e. a closed system	Optional	Required
2	Control of exhaust gases from the closed system	Not required	Required to minimise dissemination
3	Control of aerosols during sample collection, addition of material to a closed system or transfer of material to another closed system	Optional	Required to minimise dissemination
4	Inactivation of bulk culture fluids before removal from the closed system	Optional	Required, by validated means
5	Seals designed to minimise or prevent release	No specific requirement	Required to minimise dissemination
6	Designation of controlled area to contain spillage of the entire contents of the closed system	Optional	Optional
7	Controlled area sealable to permit fumigation	Not required	Optional
Equi	pment		
8	Entry via airlock	Not required	Not required
9	Surfaces resistant to water, acid, alkalis, solvents, disinfectants, decontamination agents and easy to clean	Required for bench	Required for bend
10	Specific measures adequately to ventilate the controlled area in order to minimise air contamination	Optional	Optional
11	Controlled area maintained at an air pressure negative to the immediate surroundings	Not required	Not required
12	Extract and input air from the controlled area to be high efficiency particulate air filtered	Not required	Not required
Syst	em of work		
13	Closed systems located within a controlled area	Not required	Optional
14	Access restricted to nominated personnel only	Not required	Required
15	Biohazard signs posted	Not required	Required
16	Personnel to shower before leaving the controlled area	Not required	Not required
17	Personnel to wear protective clothing	Required (work clothing)	Required (work clothing)
Was			
18	Inactivation of GMM in effluent from hand- washing sinks or showers or similar effluents	Not required	Not required
19	Inactivation of GMM in contaminated material and waste including those in process effluent before final discharge	Optional	Required, by validated means