

SCHEDULE 3

ADDITIONAL PROVISIONS RELATING TO WORK WITH BIOLOGICAL AGENTS

PART III

CONTAINMENT MEASURES FOR INDUSTRIAL PROCESSES

<i>Containment measures</i>	<i>Containment levels</i>			
	2	3	4	
1	Viable micro-organisms should be contained in a system which physically separates the process from the environment (closed system).	Yes	Yes	Yes
2	Exhaust gases from the closed system should be treated so as to—	Minimise release	Prevent release	Prevent release
3	Sample collection, addition of materials to a closed system and transfer of viable micro-organisms to another closed system, should be performed so as to—	Minimise release	Prevent release	Prevent release
4	Bulk culture fluids should not be removed from the closed system unless the viable micro-organisms have been—	Inactivated by validated means	Inactivated by validated chemical or physical means	Inactivated by validated chemical or physical means
5	Seals should be designed so as to—	Minimise release	Prevent release	Prevent release
6	Closed systems should be located within a controlled area—	Optional	Optional	Yes, and purpose-built

Status: This is the original version (as it was originally made).

Containment measures	Containment levels		
	2	3	4
(a) biohazard signs should be posted;	Optional	Yes	Yes
(b) access should be restricted to nominated personnel only;	Optional	Yes	Yes, via air-lock
(c) personnel should wear protective clothing;	Yes, work clothing	Yes	Yes, a complete change
(d) decontamination and washing facilities should be provided for personnel;	Yes	Yes	Yes
(e) personnel should shower before leaving the controlled area;	No	Optional	Yes
(f) effluent from sinks and showers should be collected and inactivated before release;	No	Optional	Yes

<i>Containment measures</i>	<i>Containment levels</i>		
	2	3	4
(g) (g)the controlled area should be adequately ventilated to minimise air contamination;	Optional	Optional	Yes
(h) (h)the controlled area should be maintained at an air pressure negative to atmosphere;	No	Optional	Yes
(i) (i)put and extract air to the controlled area should be HEPA filtered;	No	Optional	Yes
(j) (j)the controlled area should be designed to contain spillage of the entire contents of closed system;	Optional	Yes	Yes

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	<i>Containment measures</i>	<i>Containment levels</i>		
		2	3	4
	(k) (k)the No controlled area should be sealable to permit fumigation.		Optional	Yes
7	Effluent treatment before final discharge.	Inactivated by validated means	Inactivated by validated chemical or physical means	Inactivated by validated physical means