

SPARQ-ed Risk Assessment Sheet : Working in a PC2 Facility

Description of Risk	Hazard				Analyse / Evaluate Risk			Overall Risk Category (see explanation on last page)						
	Source	Current Controls	Event	Category	Consequences	Exposure	Probability							
PC2 Laboratory Work : Being present and working in a PC2 lab involves many risks.	Microbiological	Have induction training and subsequent training/ supervision in procedures and operations. Wear PPE (lab coat, gloves) when conducting all lab work. Do not wear PPE outside of PC2 laboratory area. Tie back long hair. Wear closed in footwear. Do not eat or drink in the laboratory. Do not touch door handles, computers, study areas etc with gloves on. Wash hands thoroughly when leaving the PC2 laboratory area.	Lack of attention to proper PC2 laboratory rules. This may lead to loss of containment or exposure of a staff member to chemical/ microbiological/ genetically modified samples.	Other and multiple incident types	Substantial : Lack of containment within the laboratory may have an impact on staff/ other people/the environment.	Continuous : All work within the Diamantina Institute is conducted under, at minimum, PC2 regulations.	Conceivable : Conceivable but unlikely if proper PC2 laboratory guidelines are followed.	Exposure						
								Prob	VR	R	U	O	F	C
								AC	Low	Mod	Subs	Subs	High	VH
								QP	Low	Low	Mod	Mod	Subs	High
								UP	Low	Low	Low	Mod	Mod	Subs
								RP	Low	Low	Low	Low	Low	Mod
								C	Low	Low	Low	Low	Low	Low
								PI	Low	Low	Low	Low	Low	Low

Explanation of Overall Risk Categories

Exposure					
Very Rare (VR) – extremely rare (has not yet occurred)	Rare (R) – hardly every occurs (but has been known to occur)	Unusual (U) – does not occur often (from once per month to once per year)	Occasional (O) – sometimes occurs (from once per week to once per month)	Frequent (F) – occurs often (approximately once daily)	Continuous (C) – occurs repeatedly (or many times daily)

Probability (Prob)					
Almost Certain (AC) – is the most likely and expected result if the hazard event takes place	Quite Possible (QP) – is quite possible, not unusual, has an even 50/50 chance	Unlikely but Possible (UP) – Would be an unusual sequence or coincidence	Remotely Possible (RP) – would be a remotely possible coincidence	Conceivable (C) – has never happened after many years of exposure, but is conceivably possible	Practically Impossible (P) – has never happened after many years of exposure and is virtually impossible

Overall Risk Category				
Low – risk is normally acceptable	Moderate (Mod) – should be dealt with as soon as possible but situation is not an emergency	Substantial (Subs) – should receive attention as soon as possible	High – immediate correction required	Very High (VH) – immediate correction required

The Overall Risk Category for each element is highlighted in **green**.