

EMERGENCY RISK ASSESSMENT & HAZARD ANALYSIS

Workplace:				Useful resources: SafeWork Australia – Code of Practice – Managing the Workplace and Environment Workcover NSW – Managing the Work Environment and Facilities											
Assessor Name:			Assessment Date:			Next Review:			Sign off: (PCBU or responsible officer) Name: _____ Position: _____ Date: _____						
Instructions As a planning committee, consider and discuss each emergency in the table below. Determine the likelihood of the event impacting on the occupants of the facility/workplace and then discuss and agree on the worst case PROBABLE consequences if the emergency were to impact on the occupants. Then use the risk matrix to assign a risk rating to each emergency. Determine the control measures that can be implemented to minimise the risks and then re-analyse with the matrix to determine the residual risk rating. All emergencies with an initial risk rating of medium or greater should be included in the emergency plan along with procedures to respond to the event.															
Key	L = Likelihood of the emergency impacting on people in the facility						VL Very Likely to happen	L Likely	UL Unlikely to happen	VUL Very unlikely					
	C = Consequences of the impact on the safety and welfare of the occupants						C Critical – death/major trauma	Major Major injuries	Minor Minor injuries	Negligible Bumps and bruises					
	RR = Risk Rating identified by the intersecting likelihood and consequences from the risk matrix						High	Medium	Low	Very Low					
Human		L	C	R	Natural			L	C	R	Technological		L	C	R
Bomb Threat					Bush Fire						Industrial Accident (spill)				
Fire/smoke					Grass Fire						Hazardous Materials				
Medical Emergency					Flood - Overland						Chemical Spill				
Suspect Object					Flood – Riverine						Structural Instability				
Civil Disorder					Flood/storm/tempest						Transport Incident				
Armed Robbery					Severe Weather event						Toxic Emissions				
Personal Threat					Earthquake						Gas Leak				
Hostile Intruder					Tropical Cyclone										
Active Armed Offender					Tornado										
Nuclear/radiological event					Tsunami/storm surge										
Suspicious Powder/liquid					Epidemic/pandemic										

Risk Assessment Outcomes						
Identified Emergency	Risk Rating	Control measures to be applied	Residual Risk Rating	Person Responsible	Date controls to be implemented	Date Controls implemented

Risk Assessment Matrix

	Consequence			
Likelihood	Critical <i>May cause death or permanent injury</i>	Major <i>Injury resulting in hospitalisation</i>	Minor <i>Medical treatment injury</i>	Negligible <i>First aid treatment only</i>
Very Likely This emergency type is very likely to occur	6	5	4	4
Likely This emergency type will probably happen	5	4	4	3
Unlikely This emergency type could happen here but is not likely	4	4	3	2
Very Unlikely This emergency type would be very rare but could possibly happen given the right circumstances.	4	3	2	1

HIERARCHY OF CONTROLS

