

Risk Assessment Form

General Risk Assessment

Equipment / Activity / Area being assessed	Ocean Acidification Demo	Risk Assessment No:	NERC 004
Location			
Who is exposed?	Public, Presenters, pupils		
Date of assessment:	05/10/17		
Assessor's name:	James Summers		
Next Review date:	05/10/17		

	Hazard	Control Measures already in place to control the risk	What additional Control Measures are required?	Risk rating (H, M, L)	Completed/ Escalated to:
1	Splash of mild acid (vinegar) or mild base (sodium bicarbonate) in the eye	Presenter to wear eye goggles when pouring liquids into containers.	Training and supervision provided by a responsible person during the training events. First aid treatment available in the event of an accident.	L = 1 S = 2 R = 2 = L	
2	Trip / slip / fall	Pick up any items, laminated sheets or equipment that fall onto the floor immediately. Tape all cables and trip hazards to the floor. Clear up any liquid spills immediately	Training and supervision provided by a responsible person during the training events.	L = 1 S = 5 R = 5 = L	

3	Ingestion of potential harmful chemical, object or material	Presenters to ensure all dangerous or toxic chemicals are stored away from public access. Participants to wash hands after activities that include any chemical or material such as vinegar, sodium bicarbonate or soil.	Training and supervision provided by a responsible person during the training events.	L = 1 S = 3 R = 3 = L	
4	Cut from damaged slides	Only plastic slides to be used by the public. Any damaged slides to be removed and discarded safely Presenter to facilitate activity at all times	Training and supervision provided by a responsible person during the training events.	L = 1 S = 3 R = 3 = L	
5	Use of Bromothymol Blue indicator	Skin contamination should be avoided. Presenter to add the bromothymol blue into the large beaker. Presenter to facilitate activity at all times and should never leave the chemical unattended or accessible to the public	Training and supervision provided by a responsible person during the training events.	L = 1 S = 5 R = 5 = L	

Risk Rating Scale

Risk = Likelihood of injury x Severity of injury

R = L x S

Low risk = 0 – 6, Medium risk = 7 - 12, High risk = 13 - 25

		S = Severity of injury					
		No injury or illness (0)	Minor injury or illness (1)	First aid injury or illness (2)	“3 day” injury or illness (3)	Major injury or illness (4)	Fatality, disabling injury, etc (5)
☐ ☐ ☐	Zero to very low (0)	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low
	Very unlikely (1)	0 = Low	1 = Low	2 = Low	3 = Low	4 = Low	5 = Low

Unlikely (2)	0 = Low	2 = Low	4 = Low	6 = Low	8 = Medium	10 = Medium
Likely (3)	0 = Low	3 = Low	6 = Low	9 = Medium	12 = Medium	15 = High
Very likely (4)	0 = Low	4 = Low	8 = Medium	12 = Medium	16 = High	20 = High
Almost certain (5)	0 = Low	5 = Low	10 = Medium	15 = High	20 = High	25 = High