

Risk Assessment for classroom activities at Chelmsford WRC

Task:	b. Classroom activities		People Affected							
Department/Area:	Chelmsford Water Recycling Centre		Operators	N	Other employees inc. contractors		N	Public	Y	
Assessor Name:	Nicole Walton		Assessment Date:	Review Date(s):		3/3/22	28/2/23			
Signature:			17/02/2020	Reviewed By:		E. Henderson	E. Henderson			
	Activity	Hazard	Required Control Measures (CM)	Required Monitoring Arrangements (MA)	CM & MA in place?		Risk Rating Score (RRS) L x S = R	Is RRS Tolerable?		Required Further Action - Timescale
					Yes	No		Yes	No	
1)	Making sewage soup	Handling and filtering simulated sewage – harmful if swallowed	Children reminded of expected behaviour, informed of hazard before activity begins and expected to follow safety guidelines. Explain that sewage can be harmful and that pupils must wash their hands afterwards and not put fingers in their mouths. Be aware of polluting other water supplies and blocking drains when finished with the sewage							
						Y	2x2=4	Y		

Risk Rating Tool

	Score	Description	Score	Description	Score	Description	Score	Description
Likelihood (L)	1	Very unlikely	2	Unlikely	3	Likely	4	Very likely
Severity (S)	1	No effect or trivial	2	Minor injury or illness	3	Lost time injury or illness	4	Major injury or illness
5							5	Fatal or disabling injury or illness
Risk Rating (L x S)	1-5 LOW	TOLERABLE no further action required		6-12 MED	REDUCE – introduce further controls and/or monitoring specified above		13-25 HIGH	INTOLERABLE stop process or activity until further controls are implemented

Reference: CWRCECRA.02Activites

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2)	Filtration activity	Slipping on split water	Adult to supervise each group when water being poured. Explain that dirty water can be harmful and that pupils must wash their hands afterwards and not put fingers in their mouths. Be aware of polluting other water supplies and blocking drains when finished with the sewage.	Adult work with each group						
					Y		2x2=4	Y		

Risk Rating Tool

	Score	Description	Score	Description	Score	Description	Score	Description
Likelihood (L)	1	Very unlikely	2	Unlikely	3	Likely	4	Very likely
Severity (S)	1	No effect or trivial	2	Minor injury or illness	3	Lost time injury or illness	4	Major injury or illness
Severity (S)	5	Fatal or disabling injury or illness						
Risk Rating (L x S)	1-5 LOW	TOLERABLE no further action required		6-12 MED	REDUCE – introduce further controls and/or monitoring specified above		13-25 HIGH	INTOLERABLE stop process or activity until further controls are implemented

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3)	Micro-organisms	Biological hazard Glass microscope slides	Adult or AWS teacher to supervise microscope. Activated sludge sample to be kept in container away from children and food. Also see RA for Sludge sampling. Sharps disposal box for broken microscope slides.						
					Y		2x2=4	Y	
4)	Clevertouch screen	Trip hazard	Keep clear pathway around screen especially when in table mode. Cover for cables to computer when in table mode. Restrict number of children using at one time. Office workplace checklist.						

Risk Rating Tool

	Score	Description	Score	Description	Score	Description	Score	Description
Likelihood (L)	1	Very unlikely	2	Unlikely	3	Likely	4	Very likely
Severity (S)	1	No effect or trivial	2	Minor injury or illness	3	Lost time injury or illness	4	Major injury or illness
Severity (S)	5	Fatal or disabling injury or illness						
Risk Rating (L x S)	1-5 LOW	TOLERABLE no further action required		6-12 MED	REDUCE – introduce further controls and/or monitoring specified above		13-25 HIGH	INTOLERABLE stop process or activity until further controls are implemented

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Task Risk Assessment Guidance:

- this is a model RA - it needs to be made team/site specific
- always work safely - refer to the control measures listed
- if you cannot adhere to the control measures - STOP and seek advice
- if you identify other significant hazards that are not listed - STOP and seek advice
- for high risk tasks - permits and/or checklists must be used
- **an initial reality check needs to be completed which takes into account any extra issues at the moment of the task being done such as weather / time of day / lighting / location of site etc.**

Risk Rating Tool

	Score	Description	Score	Description	Score	Description	Score	Description	Score	Description
Likelihood (L)	1	Very unlikely	2	Unlikely	3	Likely	4	Very likely	5	Almost certain
Severity (S)	1	No effect or trivial	2	Minor injury or illness	3	Lost time injury or illness	4	Major injury or illness	5	Fatal or disabling injury or illness
Risk Rating (L x S)	1-5 LOW	TOLERABLE no further action required			6-12 MED	REDUCE – introduce further controls and/or monitoring specified above		13-25 HIGH	INTOLERABLE stop process or activity until further controls are implemented	

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