

ACTIVITY: Arialtrail Junior Course		Impact of participants		LOCATION: Arialtrail/Pink Pig Farm		REF No. D
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No.	HAZARD	PERSONS AT RISK	CONTROL MEASURES	RISK ESTIMATE		RISK RATING	ADDITIONAL CONTROLS REQ. Y/N
				L	S		
1	Impact including: Course users swinging into something solid or each other. At the landing area resulting in lower leg injury Being struck by parts of the course Collision On Zip Wires At Zip landing areas.	A, B, C, D, E	<p align="center">Course design</p> <p>Design of the course must take into consideration the possibility of impact problems. Materials are finished to provide smooth, surfaces. Zip Wires and landing areas are designed at an angle and sag to arrive at an optimum landing speed. Landing sites are constructed to provide a soft and moveable surface they consist of rope netting. Zip landing sites are fenced off to stop members of the public and children wandering into them. Course designed to minimise the risk of entanglement or entrapment.</p> <ul style="list-style-type: none"> Loose hair – tied up Loose clothes – secured Supervision <p align="center">Operating Procedures</p> <p>Only 1 course participant is allowed on the zip wire at any one time. Safety Brief & Written Safety Rules and Advice.</p> <p align="center">Provision of Information</p> <p>Provision of suitable and sufficient information and training to course participants to ensure they are safe when crossing obstacles and descending zip wire. Written Safety Rules and Advice which must be read or read to all course participants, Instructors Safety Brief given to all course participants, e.g. Course participants informed on landing technique to minimise risk of injury when completing a zip line. Course participants recommended wearing ankle-supporting boots. Flip-flops not allowed. Customer advice.</p>	L	M	LOW	NO
	Entanglement in ropes nets, cables or chains and body parts trapped in moving parts of the course.	A,B,C,D,E	<p align="center">Operating Procedures</p> <p>Only 1 course participant is allowed on the zip wire at any one time. Safety Brief & Written Safety Rules and Advice.</p> <p align="center">Provision of Information</p> <p>Provision of suitable and sufficient information and training to course participants to ensure they are safe when crossing obstacles and descending zip wire. Written Safety Rules and Advice which must be read or read to all course participants, Instructors Safety Brief given to all course participants, e.g. Course participants informed on landing technique to minimise risk of injury when completing a zip line. Course participants recommended wearing ankle-supporting boots. Flip-flops not allowed. Customer advice.</p>	L	M	LOW	NO

ASSESSMENT DATE		03-02-22	PERSONS AT RISK CODE			
REVIEW DATE		03-02-24				
ASSESSORS NAME		A FOWLER				
			A – ARIALTRAIL STAFF	D – OTHER SITE PERSONNEL		
			B – MEMBERS OF THE PUBLIC	E – YOUNG PERSONS		
				C – EMERGENCY SERVICE STAFF		

No.	ADDITIONAL CONTROLS REQUIRED	RISK ESTIMATE L X S	RISK RATING	RESPONSIBLE PERSON / DEPT	COMPLETION DATE
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Signature of Assessor.....

1	Training of staff to include,1 person on a zip wire and wait until they see the hand signal and "clear" before using the zip wire.	L	M	LOW	Denise & Andy	

STANDARD OPERATING PROCEDURES

Signature of Assessor.....

LIKELIHOOD

HIGH – *Expected*

MEDIUM – *Possible it will happen sometime*

LOW – *Improbable (rarely/never)*

SEVERITY

HIGH - *Fatality/disabling injury*

MEDIUM – *A period of absence with full recovery*

LOW – *Minor injury allowing people to stay at work*

RISK ESTIMATOR		Severity		
		HIGH	MEDIUM	LOW
Likelihood	HIGH	HIGH	HIGH	MEDIUM
	MEDIUM	HIGH	MEDIUM	LOW
	LOW	MEDIUM	LOW	LOW

RISK RATING

LOW	NO ADDITIONAL CONTROLS REQUIRED, CONSIDERATION MAY BE GIVEN TO A MORE COST EFFECTIVE SOLUTION OR IMPROVEMENT THAT IMPOSES NO ADDITIONAL COST BURDEN. MONITOR TO ENSURE THAT CONTROLS ARE MAINTAINED.
MEDIUM	EFFORTS SHOULD BE MADE TO REDUCE THE RISK, BUT COSTS OF PREVENTION SHOULD BE CAREFULLY MEASURED AND LIMITED. RISK REDUCTION METHODS INCLUDE SAFE SYSTEMS OF WORK, INFORMATION, INSTRUCTION, TRAINING, SUPERVISION, PPE.
HIGH	WORK SHOULD NOT BE STARTED OR CONTINUED UNTIL THE RISK HAS BEEN REDUCED USING THE HIERARCHY OF CONTROL MEASURES SUCH AS ELIMINATION, SUBSTITUTION, ISOLATION, REDUCTION ETC. IF IT IS NOT POSSIBLE TO REDUCE THE RISK EVEN WITH UNLIMITED RESOURCES, WORK HAS TO REMAIN PROHIBITED.

BRIEF DESCRIPTION OF ACTIVITIES OR TASKS TO BE ASSESSED

HAZARD CHECKLIST	L*	S*	R*
1. Fall of person from height			
2. Fall of object or material from height			
3. Fall of person on same level (slip or trip)			
4. Manual handling			
5. Machinery hazards (cuts, abrasions, entanglement, friction etc)			
6. Operation of vehicles			
7. Fire			
8. Electricity			
9. Drowning			
10. Excavation work (where this is part of the task)			
11. Stored energy			
12. Explosions (chemicals or dust)			
13. Contact with excessively hot or cold surfaces			
14. Compressed air or gases			
15. Mechanical lifting operations			
16. Noise			
17. Biological agents			
18. Radiation Non-Ionising			
19. Radiation-Ionising			
20. Excessive vibration			
21. Use of hand tools			
22. Adverse weather conditions (where exposure is part of the task)			
23. Hazardous Substances			
24. Storage, stacking or shelving			
25. Housekeeping			
26. Lighting levels (too high, too low, glare, rapid changes)			
27. Confined spaces			
28. Cleaning (before, during or after the task)			
29. Use of display screen equipment (as part of the task)			
30. Lone or unaccompanied working			
31. Exposure to personal violence or aggression			
32. Other (please specify)			

This is the first part of the Risk assessment. When considering the hazards at this stage you must mentally remove the controls that are in place, as it is easy to consider that a task is of low likelihood or severity because the risk is already being controlled. The danger of this is that this incidental control may not be appreciated and may be removed by changing operators. Hazards with a risk rating of **HIGH** or **MEDIUM** are considered to be significant findings and require transferring onto the risk assessment record, to be re-assessed taking into account persons at risk and control measures put into place. If no significant findings are identified i.e. all hazards have a risk rating of **LOW** the risk assessment need proceed no further and the record kept for reference purposes.

L* = Likelihood S* = Severity R* = Risk Estimate