

RISK ANALYSIS MANAGEMENT PLAN



Activity	Tree Climbing	Date	Oct 2011
Location	Living Springs Macrocarpa trees Instructor : Client Ratio 1:15	Other	
Hazards	Significance (1 minor 2 major 3 life changing)	eliminate/ isolate/ minimize	
Dead fall	Yes 3	Minimize	
Vehicles	No 1	Minimize	
Shed roof	Yes 2	Minimize	
Uneven terrain	Yes 3	Minimize	
Screws Bolts	Yes 3	Minimize	
Vegetation	No 1	Isolate	

Risks specific to activity: (potential losses, accidents, injury, other forms of damage, risk).

1. Fatality/ Major injury	5. Emotional Trauma
2. Dislocation/ Rope Burn	6. Falling Objects/ Entanglement
3. Cuts, Grazes, Stings and Bruises	7. Irreparable damage to equipment
4. Dehydration, Sun/ Wind Burn	8. Excessive Bolting damaging Tree

Casual factors (lemons)	Risk reduction strategies
<p>PEOPLE</p> <p>Fear/ anxiety of participants Health problems; existing injuries Special needs not catered for Inexperience or incompetence of facilitators Failure to follow instructions Lack of fitness/ teaching and progression Client instructor ratios not appropriate Inappropriate briefing Inexperienced Climbers</p>	<p>Appropriate level and interest of clients Group activity catered to all people shapes/ size Instructor can manage clients well. Experienced staff personal/ instructor time relevant Detailed briefing of boundaries and expectations of group. Appropriate level of progression Client Instructor ratios are not exceeded Instructor can communicate effectively Climbing at own risk</p>
<p>EQUIPMENT</p> <p>Inappropriate clothing/ Footwear Lack of First Aid equipment Insufficient Food/Fluid Lack of maintenance/Equipment failure Lack of emergency signal Equipment is not checked before usage Rope/tree/holds not checked regularly</p>	<p>Appropriate briefing of adequate clothing/footwear Make sure suitable first aid for activity Correct amount of food/ fluid is catered for Supervision of equipment Log Book of usage on equipment Ropes/ Rigging Safety action in place, first hand knowledge of rescue Check all safety equipment before usage Ropes/tree/holds have yearly check on condition</p>
<p>ENVIRONMENT</p> <p>Littering and abuse to natural environment Failure to conduct pre activity checks Excessive sun, wind, rain or snow Conditions of site inappropriate for activity (Slippery) Vehicles Uneven/sloped ground</p>	<p>Compliance with NZ Environmental Care Code Check Weather forecast before activity Making sure clients are aware of conditions and have catered for it. Sunscreen/ Hat/ Extra Water Bottle Access Site before students arrive Watch out for vehicles Define areas for safe working when on 'belay'</p>

EMERGENCY MANAGEMENT –TREE CLIMB/ABSEIL PREPARATION

Emergency procedures to manage each identified risk. Emergency gear required

Refer to RAMS Overview	Cell Phone/ Radio/ Access to Site
1.	
Assess and contain the situation. Carry out vital life support if appropriate, bandage any severe bleeding. Look after group and carry out any other major responsibilities	First Aid/ emergency transport evacuation
2.	
Support client best as possible, evacuation if necessary	First Aid/ Emergency Transport
3.	
Implement first aid, carry out further responsibilities	First Aid/ After treatment and care
4.	
Access and monitor client's condition provide first aid, keep in cool place and supply fluid.	Water (Electrolyte), First Aid, cell phone, shelter
5.	
Debrief appropriately, refer to counseling if necessary	Cell phone (Contact group leader)
6.	
Solve problem/ administer first aid	First Aid, Knife
7.	
Don't use item, access why and what happened	Knife, Evidence of failure
8. No Bolting Policy unless pre arranged by Living Springs Staff	
National standards applicable	
NZOIA Rock 1, Logged equivalent level	

Policies and guidelines recommended (programme specific)

Living Springs Adventure Camp Policy Staff Training Manual and Assessment Living Springs Adventure Camp RAMS Overview

Minimum skills required by staff/volunteers

Staff Training in relation to site and activity, assessment guidelines to NZOIA syllabus. Risk Management Skills Group management and facilitation skills Current First Aid

Final approval

Accept

Reject

Comments

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