



Fusion Southern Tasmania

37-38 Gryces Road

PO Box 264 Kingston TAS 7051

Phone: 03 6229 1939

Fax: 03 6229 8591

Email: southtas@fusion.org.au

www.fusion.org.au

FOREST GLEN
ADVENTURE BASED LEARNING
HIGH ROPES
RISK ASSESSMENT

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Risk assessment rating & control strategies

Strategies to Control Risks:

1. Reduce likelihood: Undertake something that lessens the likelihood of something going wrong.
2. Reduce consequences: Being prepared for when something goes wrong in order to reduce or minimise the consequences.
3. Remove: The risk is not acceptable so steps are taken to eliminate risk completely.
4. Accept risk: The risk is acknowledged and accepted therefore nothing changes.
5. Transfer: We will place the responsibility of risk on someone else. (Examples: get the participant to accept risk; use a contractor; get insurance.)

RISK RATING

ER = Extreme Immediate action required to eliminate or reduce risk

H = High Senior management attention needed

M = Moderate Action must be taken to eliminate or reduce the risk

L = Low Managed by routine procedures

	<i>Insignificant</i>	<i>Minor</i>	<i>Moderate</i>	<i>Major</i>	<i>Catastrophic</i>
Almost Certain	H	H	ER	ER	ER
Likely	M	H	H	ER	ER
Possible	L	M	H	ER	ER
Unlikely	L	L	M	H	ER
Rare	L	L	M	H	H

Description	Remarks
Insignificant	<ul style="list-style-type: none"> • No Injuries • Negligible community disruption • No disruption to excursion • No environmental or other damage. • Minimal financial risk or loss (1% of budget)
Minor	<ul style="list-style-type: none"> • Small number of injuries • Only first aid required • Limited disruption to excursion • Some environmental or other property damage • Some financial risk or loss (2.5% of budget)
Moderate	<ul style="list-style-type: none"> • Ambulance / Hospital Treatment required • Some community inconvenience • Some activities unable to proceed • Some environmental damage (minor long term effect) • Other property damage • Significant financial risk or loss (5% of budget)
Major	<ul style="list-style-type: none"> • Extensive injuries • Significant hospitalisation • Some community displacement • Extensive environmental damage (long term effect) • Other extensive property damage • Serious financial risk or loss (10 % of budget)
Catastrophic	<ul style="list-style-type: none"> • Fatalities • Injuries and extended hospitalisation periods • Widespread community displacement • Extensive and widespread property damage • Significant short or long term environmental damage • Extreme financial risk or loss (25% of budget)

Scale	Criteria
Rare	<ul style="list-style-type: none"> • Remote chance of risk event and even then in highly exceptional circumstances, • 1 in 10,000
Unlikely	<ul style="list-style-type: none"> • Risk event unlikely to occur but change of circumstances or situation may create opportunity for risk to arise • 1 in 1,000
Possible	<ul style="list-style-type: none"> • Foreseeable that risk event may occur, but is not expected to occur • 1 in 500
Likely	<ul style="list-style-type: none"> • Risk event likely to occur at least once • 1 in 100
Almost Certain	<ul style="list-style-type: none"> • Expect frequent occurrences • 1 in 10

Activity Safety / Risk Assessment

Activity: High Ropes General

Detailed Description of Activity: Range of events that impact on all High Ropes activities.

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: Ratio 1:10 Ave no. of participants: Ration 1:10

Frequency: _____

Date of assessment February 2015 Conducted by: David Rowe

Step 1: Identify the Risk	Step 2: Assess the risk	Step 3 Strategy to manage the risk		Step 4: Manage & Monitor risk	
What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Server reaction to Insect bite	H	Reduce Likelihood Reduce consequences	Inspect and remove nests. Inform groups anaphylactic participants must bring own Epipens Interview group leader on arrival to knowledge of high risk participants. Carry antihistamine medication in First aid kit.	Fusion Australia Ltd External Group Leaders Individual	ongoing
Sun Burn	L	Reduce Likelihood Transfer	Brief participant to wear hats and apply sun screen. Sunscreen available for participants	Fusion Australia Ltd External group leaders	ongoing
Snake Bite	M	Accept risk	Set up of activity will normally move snakes on. Brief participants, on what to do if sighting a snake.	Fusion Australia Ltd	Ongoing
Participant climbs & falls from element when unbelayed when Unsupervised.	M	Reduce likelihood	Brief participants & group leaders to staff off equipment unless with facilitator. Group Ration of 1:10	Fusion Australia Ltd	Ongoing
Unsupervised fall from equipment during breaks	M	Transfer	Leaders of participating groups responsible for group during meal breaks, before and after session. Facilitators to indicate when passing responsibility.	External Group Leaders	Ongoing
Participant wanders off to bush	L	Reduce likelihood	Brief group of facility boundaries Ration of 1:10 on High ropes.	Fusion Australia Ltd	ongoing
Injury due to Harness incorrect fitted harness	L	Reduce likelihood	Facilitators trained in clear briefing and checking of harnesses. Fitting.	Fusion Australia Ltd	Every session

			Chest harness available for larger participants		
Injury due to failure harness or helmet		Fusion Australia Ltd	Harnesses and helmets inspected for wear and damage,-if found removed and destroyed	Fusion Australia Ltd	Quarterly
Injury due to rope breaking	I	Fusion Australia Ltd	Ropes inspected by facilitator for damage Ropes retired at industry standards	Fusion Australia Ltd	Each use And per Log Book.

Activity Safety / Risk Assessment

Activity: **High Ropes Postman's Walk**

Detailed Description of Activity: Participant (belayed) traverses single cable with horizontal rope as hand hold. Once complete descend form cable to ground

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: Ratio 1:10 Ave no. of participants: Ratio 1:10

Frequency: _____

Date of assessment: _____ Conducted by: David Rowe

Step 1: Identify the Risk	Step 2: Assess the risk	Step 3 Strategy to manage the risk		Step 4: Manage & Monitor risk	
What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce Likelihood Transfer	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each session.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce likelihood	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use	Fusion Australia Ltd	Ongoing
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical rescue techniques	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment

Activity: High Ropes – Swinging Bridge

Detailed Description of Activity: Participant (belayed) traverses rope & plank bridge . Once complete descend from cable to ground

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: Ration1:10 Ave no. of participants: Ration 1:10

Frequency: _____

Date of assessment February 2015 Conducted by: David Rowe

What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use	Fusion Australia Ltd	Ongoing
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical Rescue unit	Fusion Australia Ltd	Ongoing
Participant entangled in 'bridge'	M	Reduce likelihood Reduce consequences	Facilitator gives clear briefing to participant of descent method, and talks through process of descending Facilitator recruits belay team to assist in lifting participant up out of bridge. Facilitator is trained in high ropes rescue procedures	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment

Activity: High Ropes – Heebie Jeebie

Detailed Description of Activity: Participant (belayed) traverses single cable with 2 hand hold ropes crossing over. Once complete descend form cable to ground

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: Ratio 1:10 Ave no. of participants: Ration 1:10

Frequency: _____

Date of assessment February 2015 Conducted by: David Rowe

Step 1: Identify the Risk	Step 2: Assess the risk	Step 3 Strategy to manage the risk		Step 4: Manage & Monitor risk	
What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use	Fusion Australia Ltd	Ongoing
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical Rescue unit.	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment

Activity: High Ropes – Multi Vine (jungle Vine)

Detailed Description of Activity: Participant (Belayed) traverses wire with various vertical rope holds

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: Ration 1:10 Ave no. of participants: Ratio 1:10

Frequency: _____

Date of assessment February 2015 Conducted by: David Rowe

Step 1: Identify the Risk	Step 2: Assess the risk	Step 3 Strategy to manage the risk		Step 4: Manage & Monitor risk	
What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use		
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical Rescue	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment Template

Activity: High Ropes – Dangle Duo

Detailed Description of Activity: 2 participants (belayed) climb oversized rope/slat ladder – participants are required to assist each other.

Location: 'Forest Glen' 37-38 Gryces Road Kingston Tasmania

Ave no. of staff / volunteers: 1 Ave no. of participants: 14

Frequency: _____

Date of assessment February 2015 Conducted by: David Rowe

What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use	Fusion Australia Ltd	Ongoing
Participant injured from falling while sitting on ladder unbelayed.	M	Reduce Likelihood	Brief participants and Group Supervisors to stay off equipment when activity not facilitated.	Fusion Australia Ltd Group Supervisors	Ongoing
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical Rescue.	Fusion Australia Ltd	Ongoing
Participant injured falling from 1 st run of ladder	M	Reduce consequences	Facilitator trained in correct belay for this activity	Fusion Australia Ltd	Ongoing
Participant hit by ladder run on descent	L	Reduce consequences	Facilitator brief participant on correct descent	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment

Activity:	High Ropes Sugar Glider		
Detailed Description of Activity:	One participant is lifted by a team of people. 1 st straight up, 2 nd time participant runs and is lifted to create a pendulum swing when lifted		
Location:	'Forest Glen' 37-38 Gryces Road Kingston Tasmania		
Ave no. of staff / volunteers:	Ratio 1:10	Ave no. of participants:	Ration 1:10
Frequency:			
Date of assessment	February 2015	Conducted by:	David Rowe

What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use		
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Clear briefing from facilitators Regular facilitator training. All facilitators qualified with high ropes Vertical Rescue.	Fusion Australia Ltd	Ongoing
Participant injured by dragging on ground	L	Reduce Likelihood	Brief participants on correct procedure for operating activity	Fusion Australia Ltd	ongoing
Participant injured by rapid raise & hitting or inverting over pulley mechanism	L	Reduce Likelihood	Brief participants on correct procedure for activity. Facilitator is tied into system to manage pace of pull team	Fusion Australia Ltd	Ongoing
Injury to Participant from rapid drop to ground	L	Reduce Likelihood	Brief participants on correct procedure for activity.	Fusion Australia Ltd	Ongoing

			Facilitator is tied into system to manage pace of pull team		
Participant in pull team injured by tripping.	L	Reduce Likelihood	Brief participants on correct procedure for activity. Facilitator is tied into system to manage pace of pull team	Fusion Australia Ltd	Ongoing

Activity Safety / Risk Assessment

Activity:	High Ropes Leap of Faith		
Detailed Description of Activity:	Participant (belayed) climbs pole and on their own timing jumps for 'trapeze'.		
Location:	'Forest Glen' 37-38 Gryces Road Kingston Tasmania		
Ave no. of staff / volunteers:	Ratio 1:10	Ave no. of participants:	Ratio 1:10
Frequency:			
Date of assessment	February 2015	Conducted by:	David Rowe

Step 1: Identify the Risk	Step 2: Assess the risk	Step 3 Strategy to manage the risk		Step 4: Manage & Monitor risk	
What are the risks associated with the activity?	What is the risk rating? (See chart)	How will you control the risk? (see chart)	What practical steps will to take to achieve the strategy?	Who is responsible and what are the timeframes?	When will risk be reviewed and by whom?
Injury due to failure of equipment	M	Reduce	All equipment is subject to professional annual inspection. Facilitator to carry out visual inspection prior to each use.	Fusion Australia Ltd	Annual inspection by contractor Each use by Facilitator
Injury due to failure of procedures	H	Reduce	New Facilitators are taken through intensive training, observed and tested before solo facilitation. Lead facilitator to observe and debrief end of each group.	Fusion Australia Ltd	Bi annual training days Ongoing
Tripping on uneven ground, or tree litter	L	Accept risk	Make participants aware during briefing Ground inspected and branches removed prior to each use		
Injury due to participants actions	M	Reduce Likelihood Transfer	Facilitator to follow set procedure for briefing participants Facilitator empowered to stop activity. Facilitators takes part in regular training	Participant Fusion Australia Ltd	ongoing
Participant inability to complete activity	L	Reduce consequences	Brief participants on correct procedure for activity. Facilitator is tied into system to manage pace of pull team	Fusion Australia Ltd	Ongoing

