

Generic Risk Assessment 2<sup>nd</sup> July 2008

1.0 Emergency Contingencies										
Ref	Hazard	Risk Scores 1- 10 (low to high)				Persons Involved	Industry Guidance	Control Measures	Adequate? Y/ N	Action Required
		PxRxF=T								
		P	R	F	T					
1.1	Injury to staff or public on site.					Staff & participants	AFAG Guides: 401, 402, 802, Aerial Rescue guidance notes: NPTC CS 38 RIDDOR	Appropriate first aid kit on site. At least one staff in team certificated First Aid and all staff to be certificated Aerial Rescue. Emergency plan communicated to all of team prior to every event.	Y	Regular emergency drills e.g. aerial rescue practise. At least one FA trained staff on site at all times
1.2	Fire/explosion. Risk of burns/blast injuries					Staff & participants	AFAG Guides: 401, 301, 302, 307, RIDDOR HSE, INDG 317	No smoking within the event area.	Y	No smoking ban communicated to participants before event, no flammable objects in any area..

2.0 Site Considerations										
2.1 Woolley Grange Hotel, Cedar of Lebanon – common factors										
Ref	Hazard	Risk Scores				Persons Involved	Industry Guidance	Control Measures	Adequate? Y/ N	Action Required
		PxRxF=T								
		P	R	F	T					
a	Weather – wet or windy					Staff & participants	AFAG Guides: 401, 802, 302, 307	Met Office forecast before every event. Cancel if severe weather.	Y	Met Office forecasts required. Terms and conditions state may be last minute cancellations.
2.2	Hotel guests and other visitors <b>not</b> participating in the event					Staff & participants	AFAG Guides: 401. DoT Chapter 8 Safety at street works and road works code of practise.	Area of event is excluded by barrier tape & signs where no one other than staff and participants may enter without permission from the senior instructor.	Y	Staff briefed on set up plan which includes exclusion area system.

3.0 Climbing event										
3.1 Basic climbing technique – common factors										
Ref	Hazard	Risk Scores				Persons Involved	Industry Guidance	Control Measures	Adequate? Y/ N	Action Required
		PxRxF=T								
		P	R	F	T					
a	Tree structure.					Staff & participants	AFAG Guides: 401, 403. NPTC CS38	Tree has already had a crown clean performed by Acer Tree Surgeons on 4 <sup>th</sup> June 2008 to remove any unsafe branches. An inspection is conducted before every event during rope installation.	Y	Inspection performed by staff prior to every event. Ropes secured on limbs that will take well over the working load.
B	Equipment.					Staff & participants	AFAG guides:	All equipment inspected before		Staff undertake inspection of all climbing

1  
P = Personnel  
R = Risk factor  
F = Frequency  
SWL = Safe working load

Generic Risk Assessment 2<sup>nd</sup> July 2008

							401. NPTC CS38. LOLER.	every event. Worn damaged equipment correctly labelled and withdrawn from service. All climbing equipment to LOLER regulations.		equipment prior to use by participants and random safety checks throughout the day.
<b>C</b>	Basic climbing technique risk of friction knot slipping, other climbers in proximity, risk of rope burn, bark flakes risk to eye injury, head bashing against tree.					Staff & participants	AFAG guides: 401, 402. NPTC CS 38 guidance notes.	Participants taught safety knot which is installed every 6 ft so that if friction knot slips only by 6ft. Climbers sent up one at a time and controlled by instructor. Karabiners are not to be touched by participants. All participants to wear hand, eye and head protection provided.	Y	At least one instructor climbing with the participants at all times. There will normally be two with one instructor (rescue trained) on the ground at all times. Safety brief outlines the equipment to be worn at all times and the 'no touch karabiner' rule.
<b>D</b>	Falling objects/ equipment. Injuries to persons or property on ground.					Staff & participants	AFAG guides: 401. NPTC CS38.	Identified hazard areas. Communicate at all times when dropping. Signs, barriers out where necessary.	Y	No dropping without instructor say so and then communicated to all on the ground. During event, hats to be worn by all within the barrier zone.
<b>E</b>	Awkward movements when climbing in the tree. Muscular strain.					Staff & participants	AFAG guides: 401. NPTC CS38.	Appropriate first aid kit on site. Instructors to carry small first aid kit. At least one of team first aid trained and at least one ground crew aerial rescue certificated. Emergency plan known by staff.	Y	All staff know emergency plan. At least one of staff on site FA trained. FA point made clear to participants during safety brief.
<b>3.3</b>	'The leap of faith' risk of swing back injury, friction knot slippage, hit other participants, ground and space clear.					Staff & participants	AFAG guides: 301, 308, 401. NPTC CS 30, 38, 39, 74, 41. HSE INDG 317	Instructor is on branch of leap to ensure all equipment is secured, all instructors are aware to stop movement within the swing space and within the landing zone. Safety knot applied under friction knot to stop slippage. Participant made aware of swing back risk of bruising leg and technique to avoid it.	Y	All staff communicate clearly before every 'leap'.
<b>3.4</b>	Branch walking/surfing, risk of unbalancing and swing back into stem causing injury					Staff & participants	AFAG guide 401. NPTC CS38 – 41.	Only participants assessed and passed by instructors to undertake activity. Participants will have ropes re-directed and then secured into nearby branch to prevent swing back into stem. Instructor will aid this activity and ensure no swing back or that if there is one that protection technique is used.	Y	Instructors to assess participants and invite them when they are deemed ready to undertake activity and instructor to lead activity beside participant.
<b>3.5</b>	Zip line injury risk					Staff & participants	AFAG guide 401.	Zip line conducted on one rope	Y	Instructor to set up zip line attachments

2

P = Personnel

R = Risk factor

F = Frequency

SWL = Safe working load

Generic Risk Assessment 2<sup>nd</sup> July 2008

							NPTC CS38 – 41. LOLER.	with tandem pulley with additional back up line if first fails. Also 3 <sup>rd</sup> line to control speed.		onto every participant, double check and communicate when ready. Second instructor controls speed line and communicates that landing zone is clear and stays clear.
--	--	--	--	--	--	--	---------------------------	---	--	---