

Waddow Hall - Risk Assessment

Activity: Tree Climb

Date: August 2009

Review carried out by: Cameron Downing (SAI) and Bev Whiteside (Y&AM)

Activity	Hazard / Danger	Severity: High Medium Low	Likelihood : Very Likely Fairly Likely Possible Unlikely Very Unlikely	Control measures	Risk assessment after Control measures: High Medium Low	Review date
Helmets & harnesses correctly worn	Fall, damage to equipment	High	Very Unlikely	Regular checks, before & during session	Low	Jan 2010
Pursue activity in adverse weather conditions	Equipment failure. Injury or death	High	Very Unlikely	Sessions cancelled in adverse weather conditions	Low	Jan 2010
Trips and slips on activity	Fall injury	Medium	Possible	Participants made aware of dangers. Instructor supervision.	Low	Jan 2010
Harness karabiners work loose so that harness is not safe	Fall injury	High	Unlikely	Constant supervision and checks by instructor	Low	Jan 2010
Fall from ladder	Fall injury	High	Possible	Good instruction and belaying technique. Ladder secured. Instructor accompanied when doing set up.	Low	Jan 2010
Trip on or fall from base landing	Injury	Medium	Possible	Participants briefed by instructor. Careful lowering on belay.	Low	Jan 2010
Hold spins	Fall injuries	Low	Very Unlikely	Regular checks by SPA or Level 2 Instructor	Low	Jan 2010
Wire ropes and rigging equipment failure	Fall or death	High	Very Unlikely	Checked monthly by SPA and 6 th monthly by external MIA or above or rigging company	Low	Jan 2010

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Equipment fails	Fall, danger to self and others. Death.	High	Unlikely	All equipment checked before and after use. Kit checks 3 monthly.	Low	Jan 2010
Fall to ground through poor belaying	Injury	High	Unlikely	Belaying carefully controlled by instructor. Instructor-led belaying with gri-gri.	Low	Jan 2010
Personal safety whilst in the enclosure	Injury to head	High	Possible	Anyone entering enclosure; including participants, staff, group leaders, must wear helmet correctly whilst the session is in progress	Low	Jan 2010
Ropes failure	Injury or death	High	Unlikely	Instructor checks ropes before and after every session. Regular cleaning to maintain rope standard Participant lowered slowly.	Low	Jan 2010
Participant unable to continue to climb	Injury to self or rescuer	High	Unlikely	Instructor given on site training and practise rescue scenarios	Medium	Jan 2010
Branches or Trees falling	Injury or death	High	Unlikely	All people in the enclosure wear a helmet. Activity cancelled in adverse weather conditions. All trees on the estate regularly checked by tree surgeon.	Medium	Jan 2010
Use of Anchored Petzl Gri-Gri's to tree (Against Manufacturers Guidelines)	Injury or death	High	Very Unlikely	The use of Gri-Gri's anchored to the tree (which is against the manufacturer's guidelines) is because the Gri-Gri is belayed by the instructor with the tail end of the rope being held by the rest of the group whom are not climbing. The Gri-Gri should not be attached to the instructor as they must be able to move around, for example to release the tracer to allow the climber to ascend along the wire rope.	Low	Jan 2010

Load bearing equipment breaking/sustaining damage due to excessive loading	Near miss/Injury/Death	High	Likely	A maximum weight limit is enforced of 16 stone to ensure that no equipment is overloaded and sustains damage. This guidance will be clearly stated on all new promotional material from September 2009.	Low	Jan 2010
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