

Girlguiding Risk Assessment

Site:	Blackland Farm	Assessment No.	BF/JL/17
Assessor	Thomas Webb-Bowen	Description of Building or Area	Jacobs Ladder is an element of the High Ropes Course in the High Ropes Compound
Date of Assessment	22/11/2017 (Reviewed 27/01/19)		
Task/Activity/Process/Equipment	Jacobs Ladder		
Technical Advisor (if applicable)	Dave Brown		
Persons Name (If Applicable to vulnerable Groups etc)	n/a	Equipment used (if applicable)	Sit Harness, Chest Harness, Helmets, Ropes, Karabiners & Petzl Rig
When Identifying HAZARDS consider:			
a) The Task (Who, What, Where, When, How)			
b) The environment (temperature, noise, lighting, dust, fumes)			
c) Materials, Equipment, and Substances (machinery, tools, chemicals, etc)			



RA REF No.	Hazard	Description of potential accident/injury/loss	Persons affected	Precautions/Controls already in place	Risk Rating Factor=SxL			Further control measures required?	Action By Whom	To be completed by (Date)
					Severity	Likelihood	Factor			
JL/17/01	Falling to ground from a high level	Major injury possible death from fall	Customers	Petzl Rig used, which lock completely in the event of a sudden pull on the live rope to back this up over hand knots to be tied in rope by instructor. Belay teams given adequate instruction and supervision on use of Rig. Ground anchors always used. Instructor lowers student to the ground. Equipment is checked before use in addition to weekly when busy, monthly when quite.	5	1	5	See Activity Policy for information on Staff Training/Qualifications and Equipment Checking.		
JL/17/02	Falling to ground from a low level	Possible Minor injury from very low level fall	Customers	Staff to ensure at start the slack is taken out of system. Staff to be aware that the first few feet of the first few steps present the highest risk of falling to the ground. Adequate supervision of belay team. Everyone must wear a helmet when in the compound. Instructor to tie over-hand knot in belay rope at 6 crates high. Also using low stretch ropes reduces chances of impacting the ground.	2	3	6	Monitor		
JL/17/03	Injury due to ill-fitting equipment	Major injury possible death from fall	Customers	All staff trained in safety procedures for activity, Equipment is checked before use in addition to weekly when busy, monthly when quite, Staff check participants harness before and during session to ensure that it's tight around the waist, Participants without defined waists must wear full-body harnesses. Sessions checked for safety.	5	1	5	Monitor		
JL/17/04	Failure of equipment	Major injury possible death from fall	Customers	All staff trained in procedures and methods of checking equipment. Equipment is checked before use in addition to weekly when busy, monthly when quite, All checks recorded in equipment check book.	5	1	5	Monitor		
JL/17/05	Injury from using wire ropes	Minor injury possible cuts and grazes	Customers	All staff trained in safety procedures for activity, during brief given to the group they must be told not to use the wire ropes to aid them.	2	2	4	Monitor		
JL/17/06	Manual handline due to aiding each other up	Minor injury	Customers	Participants are briefed in the correct methods of helping each other up the element. Using Roman Handshake, The Proposal and Stirrup.	2	2	4	Monitor		