

**Astley Burf Outdoor Adventure Centre
Weather Lane, Astley Burf, Stourport on Severn DY13 0SF**

RISK ASSESSMENT SHEET

Activity: Climbing wall (3 pages)	Date: May 2008	Signed: R.G.Liseter
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Hazard	Affected	Control	Further Action
Preparation of equipment	Site manager/Activity manager.	On day of use; <ul style="list-style-type: none"> • Visual inspection of climbing tower and pressure gauges. • Visual inspection of climbing harnesses for defects. • Erection of safety barriers 3.4 metres from climbing wall. Safety matting laid out and arranged to avoid tripping. • Hydraulic pressures made effective by 5 pulls of each climbing rope before use by clients or instructors. • All hand holds checked and tightened by Technical Services prior to opening • Stabilising jacks within 2.4metres directly below Belay system are fitted with padding. 	Completion of daily inspection form Annual inspection by manufacturer.
Climbing rope becoming tangled during climb	Site manager/Activity manager	<ul style="list-style-type: none"> • Auto Belay system controls the slack during climb and descent. Pre-opening check to confirm correct functioning before use including sheave block and bolt integrity. 	Staff trained to check for tension on cable before each climber begins climb.
Injury during ascent		<ul style="list-style-type: none"> • All climbers are briefed by trained staff before climb commences. 	Trained First Aider on site.

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Injury during descent		<ul style="list-style-type: none"> Auto Belay system will prevent fall. Continuous safety matting of 25mm dense rubber foam provided at base of wall to prevent injury while landing. Each auto-belay to be primed before opening. 	Trained First Aider on site.
Injury as a result of improper behaviour e.g swinging, jumping	All clients and instructors	<ul style="list-style-type: none"> All climbers briefed by harness team and supervised while climbing. 	Trained First Aider on site.
Climber landing on individual on descent.	All clients and instructors	<ul style="list-style-type: none"> Whole area of the wall is barriered off providing a safe and controlled area. Excluding harnessing staff only four people are allowed within this area at a time, one per wall. 	Trained First Aider on site.
Client usage	Any clients – adult or child. Instructors.	<ul style="list-style-type: none"> Weather conditions. Wall NOT to be used in heavy rain, thunderstorms or winds exceeding 30 mph. Check appropriate clothing worn. No open toed, open heeled or high heels to be worn. No tops with hoods on. Check weight and height restrictions. No client under 3st or over 17st in weight. No client under 1.10 metres. 	<p>Monitor weather conditions during session.</p> <p>Trained First Aider on site.</p>
Instruction	All client users and instructing staff.	<ul style="list-style-type: none"> All instructors to have undertaken appropriate training and achieved certificate of competence. Maximum of 4 clients inside the climbing area (inside the barriers) at any time. Remainder of clients to remain seated outside the climbing area. All harnesses to be checked by the instructor before client uses the wall. Expectations made clear to clients that they are to go as high as they wish or feel comfortable doing. 	Reinforce as appropriate during session.

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Special needs	All clients and instructors	<ul style="list-style-type: none"> All instructors will have regard for equal opportunities with all clients and will assess the capabilities of clients to follow instructions and use the wall safely and act on this assessment as to participation in the activity. 	Monitor all sessions on the wall

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Page 3 of 3