

Outdoor Adventure Team Risk Assessment

Details of assessment				Equipment Involved (if applicable)			
Operation covered by this assessment: (HHR000)							
Generic High Ropes Course							
Location: Haigh High Ropes Course							
Date of assessment:	25/07/2023	Issue No:	3				
Assessor name: Tom Molyneux Winrow							

Step 1		Step 2		Step 3		Step 4	
What are the hazards?	Who might be harmed and how?	What are you already doing?	What further action is necessary?	Action by whom	Action by when	Done	
Structure							
Hazard: Structural failure Risk: <ul style="list-style-type: none"> - Personal injury - Damage to equipment - Fall from height 	Who: Staff, Public and Participants	<ul style="list-style-type: none"> • Built and inspected to EN15567 • Daily opening checks • Regular operator checks • Annual service / inspection by external company to EN15567 part 1 and 2 standards 					
Surrounding Area							
Hazard: Trees Risk: <ul style="list-style-type: none"> - Personal Injury 	Who: Staff, Public and Participants	<ul style="list-style-type: none"> • Daily opening checks • Regular operator checks • Annual service / inspection by external company to EN15567 part 1 and 2 standards • Regular tree care in place 					

<ul style="list-style-type: none"> - Damage to equipment - Fall from height 		<ul style="list-style-type: none"> • Call out procedure for unforeseen last minute tree care and operator inspection trained staff to assess after debris removal 				
<p>Hazard: Non-participants on course grounds</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Helmets must be worn in designated areas where non-participants are not allowed. 				
Trespassing						
<p>Hazard: Fall from height</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • 2 metre high fence around main structure area where course is within reach • Signage around outside of compound "No trespassing" "Risk of fall from height" • CCTV camera installed • Roving security in place during 6pm to 10pm 				
Equipment						
<p>Hazard: Damaged equipment / Incorrect use of equipment</p>	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • All equipment has designated storage area • PPE storage in cabin • No chemicals or harmful substances stored next to PPE 				

<p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 		<ul style="list-style-type: none"> • Dehumidifier installed in cabin to dry out PPE during storage • Storage areas and cabin secured when not in use • Pre activity briefings before use of any of the course • Staff to check that participants have no items on them that may fall from them while on the course • Participants to be briefed before the activity. • Helmets to be worn in all designated areas 				
Cabin						
<p>Hazard: Incorrect storage of equipment and PPE, Fire and Manual handling</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Storage and equipment sorted in designated areas • No heavy equipment stored at high level • All electronic equipment switched off where possible at night. • Dehumidifier on RCD trip. 				
Access						
<p>Hazard: Uneven surfaces / boggy areas</p>	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Daily opening Checks • Access area with signage and gate control near cabin • Areas cleared of debris • Gravel raked on regular basis 				

Risk: - Personal Injury - Damage to equipment - Fall from height		<ul style="list-style-type: none"> Participants told to stick to pathed areas 				
The Tower						
Hazard: Access to unused area / stairs / low ceilings on stairwells / splinters Risk: - Personal Injury - Damage to equipment - Fall from height	Who: Staff, Public and Participants	<ul style="list-style-type: none"> Areas and or gates locked off when not in use Chain gate advising no unauthorised access on bottom of stair to top level Mind your Head signs on stair wells Grip strips on edge of steps on stairs Gates on all access points out of tower that access the course 				
Set Up - General						
Hazard: incorrect use / setup Risk: - Personal Injury - Damage to equipment - Fall from height	Who: Staff	<ul style="list-style-type: none"> Staff trained in correct setup of course Daily open Checks Regular Operator Checks Annual service / inspection by external company Weather monitored as per user guidelines 				
Lifting						
Hazard:	Who: Staff, Public and Participants	<ul style="list-style-type: none"> Staff trained in the correct method of manual handling of equipment at 				

<p>Lifting or moving equipment that is too heavy</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment 		<p>Haigh High Ropes Course</p>				
<p>Ladders</p>						
<p>Hazard: Incorrect use</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 	<p>Who: Staff</p>	<ul style="list-style-type: none"> • Ladders for access to PowerFan (2.4m telescopic) <ul style="list-style-type: none"> ○ Must have chock in place before accessing, ○ Instructor must be trained in checking power fan • Ladders for accessing course poles <ul style="list-style-type: none"> ○ Must be extended to reach the first staple / removable staple ○ User must attach themselves to the back-up rope with the ASAP provided before using the ladders 				
<p>Adverse Weather Conditions</p>						
<p>Hazard: Adverse Weather Conditions: high winds, heavy rain, lightning</p> <p>Risk:</p> <ul style="list-style-type: none"> - Equipment damage / failure 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Staff are fully trained and signed off by an authorised assessor. • Area around accessible parts of the course are fenced off to stop unauthorised access • Weather monitored as per user guidelines • Activities to stop in winds that 				

<ul style="list-style-type: none"> - Personal Injury 		<p>exceed 28 MPH</p> <ul style="list-style-type: none"> • The course will not be used during storms, or if there is a rise of lighting. If thunder is heard or lightning seen, activity must stop: a 30-minute period must pass before the course opens again. 				
Supervision						
<p>Hazard: incorrect supervision / staffing</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Damage to equipment - Fall from height 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • All staff are trained and signed off by an authorised assessor. • Staff to deliver session only to the level of their training i.e., ERCA, or in-house trained and assessed. 				
Users						
<p>Hazard: Objects falling from height / user safety</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Pre-activity briefings before use of any of the course • Staff to check that participants have no items on them that may fall from them while on the course • Helmets to be worn in all designated areas 				
Group Control						
<p>Hazard: Groups ignoring</p>	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • All staff running activities are fully trained and signed off by an authorised assessor. 				

<p>instruction, general horse play</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury / Injury to others - Damage to equipment - Fall from height 		<ul style="list-style-type: none"> • Pre activity briefings • Staff to continually monitor the group/participants • Participants to be removed from session if they consistently do not comply with instructions or become a danger 				
Helmets						
<p>Hazard: Participants helmets becoming hung on hold / Bang to head</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury - Asphyxiation 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Helmets to only be worn in designated areas • Helmets not to be worn outside of the course grounds by participants • Helmets not to be used on the climbing wall when employing the use of auto belays 				
Night Use						
<p>Hazard: Participants becoming disorientated / incorrect use of equipment</p> <p>Risk:</p> <ul style="list-style-type: none"> - Personal Injury / Injury to others - Damage to equipment - Fall from height 	<p>Who: Staff, Public and Participants</p>	<ul style="list-style-type: none"> • Helmets to be fitted with head touches for all users and staff • Additional lighting on each level, kit-up areas and around cabin • Glow sticks to help with lighting end of zip wires and stairways • Minimum of 4 staff on site for sessions when high and low ropes open • Minimum of 2 staff for climbing sessions 				

Step 5 Review Dates:
25/07/2024 – Tom Molyneux-Winrow