

Risk Assessment Summary and Risk Assessments

This document contains:

- How Stean Gorge's Risk Management Summary
- Risk Assessments for all How Stean Gorge LLP activities

The purpose of the summary is to satisfy clients that our risk analysis and management schemes are adequately robust.

How Stean Gorge emphasises that full risk assessments should be carried out by group leaders / teachers themselves when organising trips to visit us. We recommend site pre-visits and groups can naturally inspect any of our documentation on site as part of their assessment.

A full contents list of Risk Assessments can be found on Page 3 (below).



Risk Management Summary

Provider / Centre Details

- How Stean Gorge LLP – Lofthouse, Harrogate, HG3 5SF
- T: 01423 755666 E: info@howstean.co.uk W: www.howstean.co.uk

Adventure Activities Licence Details

- Reference No:R1996 Licence No: L12456 Issue Date: 12 Sep 2017
- Expiry Date: 12 Sep 2019

Activities covered by the licence:

- Rock Climbing: Single Pitch Venues & Via Ferrata at How Stean
- Canoeing & Kayaking: Inland waters up to grade 2
- Caving
- Hill Walking & Mountaineering: Local Area, Summer Conditions
- Abseiling: Single Pitch Venues & How Stean
- Gorge Scrambling: How Stean Gorge Only
- Improvised Raft Building: Sheltered inland waters
- Orienteering
- Canyoning

Enforcing Authority for Health & Safety Issues

- Harrogate Borough Council – Department of Community Services

Staff Competence and Qualifications

- Staff are recruited with a high level of competency whatever their role i.e. the right mixture of qualifications and experience. On-going staff training is an essential part of our operation. Activity staff will either hold relevant National Governing Body (NGB) qualification or a

statement of competence signed by an appropriately experienced and qualified person consistent with the requirements of the Licensing Regulations. Copies and training records will be available for inspection on site.

Child Protection

- Our policy is consistent with current good practice in this area and meets current statutory requirements – statement and policy available on request.

Supervision

- Overall supervision of a group by their own Organiser/staff is required whilst on site at all times. How Stean staff will be on call at night for emergencies and the Cafe is open during the day for enquiries/help. During activity sessions, How Stean staff will ensure safety. During instruction we request one leader is present for pastoral/behavioural supervision of the group participating.

Risk Assessments

- Our risk assessments are inspected as part of our Adventure Activities Licence. Risk assessments are available for inspection online or at our site, we do not send out copies.

Insurance

- Our Insurance company: Activities Industry Mutual

Policy No: B601627538G13

Dates of Cover: Renewed annually, next renewal due 22 July 2019

Amount of cover: Employer's liability £10m Products & Public liability £5m

We do not provide personal accident/possessions/cancellation cover, we advise all groups to consider if this is required and source for themselves.

Risk Assessment	Page No	Last Revised	Revision Date	Notes
Abseiling	4	5th April 2019	4th April 2020	
Bushcraft & Shelter Building	7	5th April 2019	4th April 2020	
Camping (off site)	10	5th April 2019	4th April 2020	
Campsite (on site)	12	5th April 2019	4th April 2020	
Canoe & Kayak	15	5th April 2019	4th April 2020	
– Dark Skies Supplement	18	5th April 2019	4th April 2020	
Canyoning	19	5th April 2019	4th April 2020	
Caving	23	5th April 2019	4th April 2020	
Gorge Scrambling	27	5th April 2019	4th April 2020	
Low Level Walking	30	5th April 2019	4th April 2020	
Orienteering	32	5th April 2019	4th April 2020	
Problem Solving	34	5th April 2019	4th April 2020	
Rock Climbing	36	5th April 2019	4th April 2020	
Via Ferrata	39	5th April 2019	4th April 2020	

Abseiling

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

When abseiling into Howstean Gorge see also the Gorge Scrambling Risk Assessment.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Falling from Height (rigging failure, faulty or ill-fitting PPE)	All users	High	<p>Site Specific - How Stean Bridge: How Stean Gorge LLP to arrange annual external inspection of bridge abseil structure and quarry anchors and to monitor with in-house checks.</p> <p>Trained How Stean Gorge staff to routinely inspect all Climbing PPE. Instructors to visually check PPE before each use. All users to use appropriate PPE. Instructor to brief on and check fitting, and to monitor use throughout the activity.</p> <p>All anchors checked for suitability prior to use by a competent member of staff.</p>	Low
Falling from (including being pushed / blown off) the top of the abseil	Instructors, Group, Public	High	<p>Instructors to attach themselves to an anchor before approaching any exposed position and to remain attached whilst group is abseiling. Group members to be briefed on viewing / waiting positions and to only approach exposed positions when attached to a safety line.</p> <p>Site specific for Howstean Gorge: gate only to be open following a briefing and when instructor is actively monitoring access; monitoring to include members of the public who have not been briefed; gate to be locked before area is vacated.</p>	Low

Inversion / falling during abseiling	Instructors, Group	Medium	Instructor to inspect rigging prior to use and to inspect all personal protective equipment for condition and appropriate fit prior to abseil. Group to abseil with a safety line. Instructor to be secured prior to demonstrating abseil technique and to use backup or locking device for their personal descent (e.g. tested stop and breaking carabiner or prussic). Instructor to ensure correct fitting of sit harness & use chest harness if required.	Low
Entanglement in ropes	Instructors, Group	Medium	Instructor to use a releasable abseil system, to carry a knife and to manage rope effectively – including rope on adjacent abseils and loose rope. Instructor to brief on control measures such as removing dangly jewellery, tying back long hair, tucking in loose clothing and using recognised abseiling techniques.	Low
Injury from falling / swinging objects	Instructors, Group	Medium	Instructor to be aware of the rising belay rope and karabiner striking a participant and to avoid dropping rope on group. Participants and instructors to gather away from base of abseil and to wear appropriate, properly fitted helmets at all times.	Low
Rope Burn	Instructors, Group	Medium	Group to be briefed on controlling descent speed and instructor to keep speed of group member descent under control using the safety rope. Instructors to descend at an appropriate rate.	Low
Hypo/hyperthermia and exposure	Instructors, Group	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions taking into account the remoteness of the location and potential difficulties of evacuation. Instructor to monitor condition of all group members.	Low
Slips and trips	Instructors, Group	Medium	Group to wear appropriate footwear, to be briefed on control measures (e.g. moving carefully) and to be managed effectively (e.g. sat whilst waiting for others).	Low
Lightning Strike	Instructors, Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone activity where shelter is likely to be needed but unavailable.	Low

Traffic	Instructors, Group	Medium	Site Specific - Bridge: How Stean Gorge LLP to maintain traffic calming measures (e.g. bollards, plant troughs); Instructor to brief groups on the hazard and to manage groups to appropriate safe areas when allowing vehicles to pass.	Low
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Bushcraft & Shelter Building

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	To who	Unmanaged Risk	Control Measures	Managed Risk
Fire - Burns/Scalds	Instructors & group	High	<p>Instructor to give guidance on (and where appropriate, monitor) storage of fuel, use of stoves (where, when, by whom, on what conditions), smoking areas, etc.</p> <p>Campfires, BBQ / fire pits to be supervised at all times by someone with the means to extinguishing the fire e.g. bucket of sand or water</p> <p>Boundaries to be set around fires, especially around lighting and maintaining fires. Naked flames (and smoking) to be limited to well ventilated spaces.</p> <p>Instructor to ensure shelters for cooking are stable and to ensure escape routes are clear of obstacles and trip hazards.</p>	Low
Wounds from Tools (knives, etc)	Instructors & Group	Medium	Instructor to give guidance on storage & use of tools and to establish and monitor ground rules for behaviour around those using tools.	Low
Hygiene, Dirt & Germs	Instructors & Group	High	Instructor to give guidance on recommended sources of (or means of preparing) drinking water and cooking water and to provide hand sanitizer or hand washing facilities (soap and water).	Low

			Instructor to give guidance on (and where appropriate, monitor) all food preparation and cooking.	
Environment – including Slips, Trips & Falls + Tree / Dead Wood Fall	Instructors & Group	Medium	Instructor to select an appropriate site and group to be alerted to potential hazards such as: <ul style="list-style-type: none"> • Hanging branches, dead trees • Steep slopes and drops / cliffs • Cave and gorge entrances and scope for falling from height (including from trees / walls) • Uneven and potentially slippery paths and surfaces • Guy Ropes as a potential Trip Hazard • Advisability of a torch when moving around after dark 	Low
Shelter Collapse	Instructors & Group	Medium	Instructor to give guidance on (and where appropriate, monitor) all shelter building. Instructor to check shelters structure before entering.	Low
Splinters	Instructors & Group	Medium	Instructor to brief group on minimising risks (e.g. handling options) and to ensure gloves are available.	Low
Lifting or Dropping Heavy Items or People	Instructors & Group	Medium	Instructor to give guidance on, train and monitor activities where manual handling might be involved. Provide instruction on safe manual handling techniques.	Low
Collisions & impacts	Instructors and Group	Medium	Instructor to ensure group agrees ground rules, to provide specific and appropriate guidance and to monitor activity.	Low
Hypo/hyperthermia and exposure	Instructors & Group	Medium	Instructor to select an appropriate venue, to ensure the group is appropriately prepared for the anticipated conditions, to anticipate mishaps (e.g. carry	Low

			additional tarp, mats and sleeping bags) and to make adequate provision for hydration. Instructor to monitor the condition of all group members.	
Animal bites, Toxocariasis Weil's Disease, Lymes Disease, midges, etc.	Instructors & Group	Medium	Instructor to give guidance as appropriate. This might include, but need not be limited to: <ul style="list-style-type: none"> • BCA Advice on Weil's Disease (e.g. washing, symptoms) • Selecting clothes to protect exposed skin • Provide handwashing facilities • No eating during session • Checking for Ticks 	Low
Lightning Strike	Instructors & Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone or evacuate as appropriate.	Low

Camping (off site)

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

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Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Fire	All	Medium	<p>Instructor to give guidance on (and where appropriate, monitor) storage of fuel, use of stoves (where, when, by whom, on what conditions), no smoking in tents, etc.</p> <p>Campfires, BBQ / fire pits to be supervised at all times by someone with the means to extinguishing the fire e.g. bucket of sand or water</p> <p>Boundaries to be set around fires for all group members, including during lighting and maintaining fires. Naked flames (and smoking) to be limited to well ventilated spaces.</p> <p>Instructor to ensure tents are pitched appropriately (proximity, stability) and to oversee setting of guy ropes (escape routes)</p>	Low
Slips, Trips & Falls + Tree / Dead Wood Fall	All	Medium	<p>Instructor to select an appropriate site and group to be alerted to potential hazards such as:</p> <ul style="list-style-type: none"> • Hanging branches, dead trees • Steep slopes and drops / cliffs • Scope for falling from height (including from trees / walls) • Uneven and potentially slippery paths and surfaces 	Low

			<ul style="list-style-type: none"> • Guy Ropes as a potential Trip Hazard • Advisability of a torch when moving around after dark 	
Confrontations	All	Medium	Instructor to be clear on expectations and boundaries, especially in relation to drugs, alcohol. Roles and duties to be agreed. Contingency planning to include a “Plan B” option.	Low
Extreme weather (e.g. Lightning)	All	Medium	Instructor to be aware of forecast and weather warnings in selecting an appropriate campsite and to ensure camping is arranged in a proportionate manner (e.g. for the anticipated wind speeds, likelihood of lightning). Contingency planning to include a “Plan B” option.	Low
Hypo/hyperthermia and exposure	All	Medium	Instructor to select an appropriate campsite, to ensure the group is appropriately prepared for the anticipated conditions, to anticipate mishaps (e.g. carry additional sleeping bags) and to make adequate provision for hydration. Instructor to monitor the condition of all group members.	Low
Moving Vehicles	All	Medium	Instructor to highlight potential risks set boundaries / procedures as appropriate.	Low
Hygiene, Dirt & Germs	All	Medium	Instructor to facilitate hand washing (e.g. access to hand sanitiser) and to give guidance on drinking water and toilet arrangements.	Low
Animal bites, Toxocariasis Weil’s Disease, tick bites, midges, etc.	All	Medium	<p>Instructor to give guidance as appropriate.</p> <ul style="list-style-type: none"> • BCA Advice on Weil’s Disease (e.g. washing, symptoms) • Selecting clothes to protect exposed skin • Provide handwashing facilities • No eating during session • Checking for Ticks 	Low

Campsite (on site)

How Stean Gorge will minimise risks associated with this activity by having the site managed by appropriately competent staff. The staff will use this risk assessment and other associated paperwork as the basis for the safe management of the site. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the staff will continually risk assess the activity as it develops and put into place the necessary actions.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

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Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Fire	All	Medium	<p>How Stean Gorge to provide and maintain fire points and an alarm system, to follow best practice with oil, gas & chemical storage / systems and to publicise a “no smoking” policy for buildings and tents.</p> <p>Campsite to have clearly marked pitches allowing space between tents, bookings to be limited to avoid overcrowding.</p> <p>Policy for visitors / groups wanting campfires / to use fire pits:</p> <p>Campfires only in the communal fire area, or the allocated fire pits and only to be lit when campers have prepared a means of extinguishing fire e.g. bucket of sand or water, extinguisher.</p> <p>Fires, BBQs and stoves to be supervised at all times and particular care to be taken whilst lighting and maintaining fires; boundaries to be set around fires for group members</p> <p>Naked flames only in well ventilated spaces</p>	Low

Slips, Trips & Falls	All	Medium	<p>How Stean Gorge LLP to maintain walls and fences in a good state of repair, especially as barriers to hazard areas such as the Gorge, and to designate key areas (e.g. behind toilet block) as “closed” to the public.</p> <p>How Stean Gorge LLP to keep all access paths to the toilet block clear from hazards. Campsite to have lighting in and around the toilet block after dark.</p> <p>Residential Activity groups to be alerted to the following on welcome -</p> <ul style="list-style-type: none"> • Steep slopes and drops / cliffs • Cave and gorge entrances and scope for falls into gorge • Uneven and potentially slippery paths and surfaces • Guy Ropes as a potential Trip Hazard • Policy - no climbing on walls / fences and trees • Advisability of a torch when moving around after dark 	Low
Moving Vehicles including buses, trailers	All	Medium	<p>Signed 5 mph speed limit, highlighted on entrance to bridge</p> <p>How Stean Gorge LLP to deploy additional staff as necessary around movement of How Stean Gorge vehicles and at key moments such as when larger vehicles are manoeuvring / many vehicles are being moved</p>	Low
Tree / Dead Wood Fall & Site Maintenance	All	Medium	<p>Camp area to be regularly inspected by How Stean Staff. Dead trees / branches to be removed.</p> <p>Machinery and operations to be operated by appropriately trained / experienced staff and operations to be managed (e.g. timed, overseen, conducted in closed off areas) in a proportionate manner.</p>	Low
Confrontations, e.g. provoked	All	Medium	<p>How Stean Gorge LLP to highlight public nature of site, to be clear on expectations (e.g. policy on playing music) and to monitor or evict groups where a cause for concern has been noted. This is noted in our terms and conditions.</p>	Low

by anti-social behaviour				
Animal bites, Toxocariasis, Weil's Disease, tick bites, midges, etc.	All	Medium	How Stean Gorge LLP to maintain gates to fields with livestock and associated walls / fences and to maintain a clean site (food waste removed regularly, routine inspection of camping area). Dogs to be kept on a lead at all times.	Low
Extreme weather (e.g. Lightning)	All	Medium	Staff to ensure 24/7 access to shelter. An alternative date can be provided or rearranged.	Low
Hypo/hyperthermia and exposure	All	Medium	Staff to ensure 24/7 access to shelter and to drinking water. Additional layers will be provided e.g sleeping bags etc	Low
Hygiene, Dirt & Germs	All	Medium	How Stean Gorge LLP to provide hand washing facilities (soap and water, sanitiser) and to give 24/7 access to fresh drinking water, toilets, showers / washrooms and dish washing facilities.	Low

Canoe & Kayak

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Unmanaged capsize leading to long swim, entrapment, drowning or hypothermia	All	High	<p>Instructors to only use boats in a good state of repair with (appropriate levels of flotation fitted) and to ensure painters and other entanglement hazards are secured prior to launch.</p> <p>Instructors to ensure session venue and management is appropriate to the staffing, conditions and to the way the group is dressed. Instructors to give an appropriate briefing and to check all PFDs.</p> <p>Instructors to manage sessions in a manner appropriate for their groups and for the anticipated conditions (e.g. to reflect swimming capabilities, ensuring incidents can be managed in a timely manner).</p> <p>Instructors to brief clients on expectations and responsibilities. Clients to train and practice in a controlled environment before undertaking a journey. Instructors to monitor client performance and to cancel or modify activity where clients cannot demonstrate competence. Eg Rafting Canoes</p>	Low
Canoeist / Kayaker / Swimmer washed over a	All	Medium	Instructors to manage canoe / kayak activity to minimise likelihood of an incident and to ensure suitably briefed and competent individuals are in positions of maximum usefulness anywhere timely rescue might be critical.	Low

weir, stuck in a strainer or pinned against a rock				
Canoeist / Kayaker / Swimmer washed over or being caught against a dam (e.g. Scar House)	All	Medium	<p>Instructors to have site specific knowledge, to fully review prior and anticipated conditions and to plan route to ensure group will not end up in the danger area if a session doesn't go to plan.</p> <p>All instructors to be fully versed in rafting canoes to effect timely escape should the need arise.</p> <p>Site Specific: Scar House Reservoir – How Stean Gorge LLP to ensure Operating Standards to give clear yes/no guidance for launching slipway / leaving the Angram Dam area and to restrict access to reservoir if water is flowing over the Dam.</p> <p>No access to Scar if water is within 1m of the over flow and/or wind is blowing over force 4 – Moderate breeze, Small waves becoming longer with numerous white caps</p>	Low
Lightning Strike	All	Medium	Instructors to remove groups from the water if lightening is forecast. Remain off the water for a minimum of 30 minutes after experiencing such conditions.	Low
Slips Trips and Falls / muscle strains / sprains (e.g. moving / emptying, boats)	All	Medium	<p>Instructors to brief on, and oversee, all loading, moving and emptying of boats (with warm ups as appropriate) and to select appropriate points for access, egress.</p> <p>Instructor to highlight (and if necessary, manage group around) in-water and off-water obstacles.</p> <p>Use correct manual handling procedures and minimum of 2 carrying a boat.</p>	Low

Collisions, impacts (e.g. by paddles)	All	Medium	Instructors to manage sessions appropriately to groups and conditions and to ensure any land or boat-based games are appropriate to the PPE being worn.	Low
Hypothermia, Hyperthermia / heatstroke / sunburn	All	Medium	Instructors to ensure that the group is appropriately prepared (including clothing and spare clothing) for the activity and conditions taking into account the remoteness of the location and any potential difficulties of evacuation. Instructor to monitor condition of all group members, including hydration and use of sunscreen.	Low
Weil's disease, gastroenteritis, infection	All	Medium	Instructor to consider water quality in choice of route and to brief on control measures such as keeping mouth closed, covering cuts, showering after session.	Low
Other waterway users (Boaters, Anglers etc.)	All	Medium	Instructor to be aware of the expectations of other water users / visitors / residents and to brief and manage the group as appropriate. Move group to safe area / bays to allow other craft to pass safely	Low

Canoeing – Dark Skies Supplement

Only to be used in conjunction with the How Stean Gorge Canoe and Kayak Risk Assessment

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Blown over dam	All	High	If water is within 1 m of overflow we will not access the water.	Low
Separation from group	All	Medium	<p>Instructors will operate independently (in separate groups) to make group management easier. Groups will be allocated an instructor. How Stean instructors will use hand held radios to allow communication between groups.</p> <p>If in any doubt about wind / participant ability, and in all winds above Force 2, Instructors will ensure groups start off with rafted canoes.</p> <p>Instructors shall ensure all group members carry a lamp / head torch with will be switched on at all times (red light is star gazing) to enable bank staff to monitor position</p>	Low
Hypothermia	All	Medium	<p>How Stean Gorge LLP shall provide a full kit list for canoeing. This shall include clothing and spare clothing for the activity and conditions.</p> <p>Instructors shall ensure group members are appropriately equipped, offering additional clothing/waterproof jackets and wellington boots if required and to carry additional foil blankets to keep wind of participants if they have fallen in.</p> <p>Instructor to monitor condition of the group.</p>	Low
Slips Trips and Falls / muscle strains / sprains	All	Medium	Instructors to keep group manhandling of canoes to a minimum and to ensure all group members have working head torches.	Low

Canyoning

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Low = 1-3; Medium = 4-6; High = 7-9

Risk	Who	Unmanaged Risk	Control Measures	Managed Risk
Sudden rise in water conditions raising challenge level	All users	High	Instructors to: <ul style="list-style-type: none"> • Check detailed weather forecast and evaluate in comparison to previous weather conditions; • Call off the activity unless confident water levels will remain acceptable throughout the maximum duration the group might be located in the canyon; • Monitor the weather and water levels; • Be equipped and competent to manage the group in higher than anticipated conditions; 	Low
Entrapment by submerged objects	All users	High	Instructor to: <ul style="list-style-type: none"> • Inspect pools, slides and jumps; • Give clear briefings on appropriate sliding / jumping techniques (ruling out acrobatics); • Ensure jumps and slides are progressive; 	Low
Falling from height / steep ground	All users	High	Instructors to choose a route which is appropriate for the group and for the prevailing conditions, to brief and train the group thoroughly and to monitor progress, offering (or insisting upon) escapes as appropriate.	Low

			<p>Instructors to attach to an inspected anchor before approaching any exposed position. Group members to be briefed on waiting positions and to only approach exposed positions when attached to a safety line.</p> <p>Instructors to adopt positions of maximum usefulness and to use recognised and appropriate strategies to access pitch heads (e.g. cow tails, safety lines, abseils) to manage the group around specific hazards.</p> <p>Instructors to use recognised rigging systems and to ensure all users are wearing appropriate, correctly fitted and inspected PPE (e.g. helmets, harnesses).</p>	
Rock Fall	All Users	High	Instructors to check pitch heads for loose material, to manage groups around any severe overhangs and to ensure groups avoid any area prone to collapse.	Low
Abrasion / back / leg injuries on jumps and slides	All users	High	Instructor to check depth of water (using goggles if appropriate) offer guidance and coaching on technique before offering jumps / slides. Instructor to observe “challenge by choice” principles. Jumps and slides to be progressive. Landing zones to be appropriate to the group’s capabilities and experience. No must make water entry sites.	Low
Slips, trips, falls including blows to head	All users	High	<p>Instructor to choose and adjust route to be appropriate to the group and conditions, to manage the group using recognised strategies and to offer or insist upon escapes as needed.</p> <p>Instructor to provide training, guidance and support as appropriate. To include safe individual practice (e.g. staying low, waits in safe areas), picking a line (e.g. rock colour), spotting / being spotted and aiding one another.</p>	Low

			All participants to protect themselves by wearing a wetsuit, appropriate footwear and an approved climbing helmet. Participants to be instructed to wait away from base of the pitch in case of any loose debris.	
Fast moving water/ causing slips / floating downstream	All users	High	Instructor to profile group, to choose a route which is appropriate for the group and prevailing conditions and to: <ul style="list-style-type: none"> • Brief group to stay together and follow instructions at all times; • Carry a reaching aid and be competent in its use; • Adopt positions of maximum usefulness and be ready to offer assistance as required; Our venues only have short sections of deep water with occasional pools 	Low
Entanglement in ropes	All users	High	Instructor to: <ul style="list-style-type: none"> • Keep stances/belays will organised; • Ensure setting of rope length to minimise loose rope in pools; • Carry a knife and be experienced with safe cutting techniques; • Only use releasable rope systems; 	Low
Panic Attack / Psychological trauma	All users	Medium	Instructor to identify, monitor and support any nervous participants, following challenge by choice principles from positions of maximum usefulness. Participants to have attended an Abseiling & Gorge walking session onsite at How Stean before Canyoning.	Low
Hypothermia / Hyperthermia	All users	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions taking into account the remoteness of the location and potential difficulties of evacuation. Instructor to monitor condition of all group members and to avoid sudden immersion of head in cold water conditions. Instructor to carry additional layers. Canyoning will only run between April – End October.	Low

Lightning	All Users	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone activity where shelter is likely to be needed but unavailable.	Low
Weil's disease, gastroenteritis, infection	All users	Medium	Instructor to consider water quality in choice of route and to brief on control measures such as keeping mouth closed, covering cuts, washing hands and showering after session.	Low

Caving

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Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Sudden change in water conditions raising challenge level and likelihood / severity of swim / entrapment / drowning	Instructors, Group	High	<p>Qualifies Instructors to assess conditions before allowing entry to cave. For Upper Nidderdale caves, considerations should include:</p> <ul style="list-style-type: none"> • Prior conditions: Rainfall on site & Rainfall in catchment • Met Office Mountain Area Forecast • Forecast wind & rain for Great Whernside & Greenhow • Weather Radar & Surface Pressure Chart • Water level in Scar House Reservoir? Is Scar Inlet Open? • Scour Test Notification E-Mail / Yorkshire Water Notice • EA Flood Warnings • River Level in Pateley <p>Instructors to refer to prior knowledge and to monitor conditions throughout activity.</p> <p>Site specific: Upper Nidderdale – no L1 or L2 LCMLA access beyond the duck in Manchester Hole or into Goyden Pot when water is flowing into the entrance of Goyden Pot.</p>	Low

<p>Roof collapse / boulders moving (crushing, entrapment) & Rock Fall</p>	<p>Instructors, Group</p>	<p>High</p>	<p>Instructors to have up to date, site-specific knowledge prior to entering any cave.</p> <p>Severe overhangs and areas prone to collapse to be avoided.</p> <p>Site Specific: Goyden – top of main chamber to be avoided until further notice due to concerns about potential for roof collapse.</p> <p>Site Specific: New Goyden – no L1 or L2 LCMLA access to the entrance following reports of instability in shale beds.</p> <p>Site Specific: Stump Cross Caverns – groups to be briefed on passing deads (stacks of rocks) created by diggers.</p>	<p>Low</p>
<p>Falling from Height (User Error)</p>	<p>Instructors, Group</p>	<p>High</p>	<p>Instructors to undergo training and assessment, to keep skills current by regularly taking part in the activity and to remain attached to the rigging (and model good practice) at all times.</p> <p>Instructors to brief clients on expectations and responsibilities, especially in relation to group management (staying together, following instructions) plus traverse lines, handlines and use of cowstails / ladders. Instructors to monitor client performance and to cancel activity where clients cannot demonstrate competence.</p> <p>Instructor to maintain good lines of sight and to work from positions of maximum usefulness at all times.</p> <p>Demonstrations & Practise sessions for use of traverse lines. Strategies such as buddy pairs to be used where appropriate.</p> <p>Instructors to deploy safety lines as needed and use recognised Single Rope Technique for personal progression when vertical caving. Provide appropriate Harness and Cowstails, check fitting prior to use.</p>	<p>Low</p>

Falling from Height (Rigging Failure, Rock Fall, PPE Failure)	Instructors, Group	High	<p>Instructors to inspect in situ bolts, traverse lines, handlines, ladders and other structures prior to use.</p> <p>Instructor to inspect rigging prior to use and to inspect all personal protective equipment for condition and appropriate fit prior to use.</p> <p>How Stean Gorge staff will periodically inspect all caving PPE and instructors to visually check PPE before each use.</p>	Low
Entrapment – ladders, lines or natural features	Instructors, Group	Medium	<p>Instructors to choose routes appropriate to the group, to follow “challenge by choice” principles and to explain, demonstrate and use recognised rigging techniques (e.g. releasable ladder & abseil rope, removing ladders for descents) and practices (e.g. checks on loose clothing / hair prior to roped descents). All Instructors to carry a knife. Manage rope appropriately to keep a clear pitch head.</p>	Low
Slips, trips, falls including blows to head	Instructors, Group	Medium	<p>Instructor to ensure group is appropriately dressed (i.e. cave suit, appropriate footwear and an approved caving helmet with working light; knee pads where crawling is anticipated) and to choose and adjust route to be appropriate to the group and conditions, offering escapes as needed.</p> <p>Instructor to train, monitor and support group as appropriate, especially where footing is less secure and on climbs and traverses; Training to include safe individual practice (e.g. maintaining three points of contact) and picking a line (e.g. staying away from drops) plus spotting / being spotted and aiding one another.</p> <p>For steeper climbs , use of life line or assisted handline.</p>	Low
Hypothermia / Hyperthermia	Instructors, Group	Medium	<p>Instructor to ensure that the group is appropriately prepared for the activity and conditions taking into account the remoteness of the location and potential difficulties of evacuation. Instructor to monitor condition of all group members.</p>	Low

Panic Attacks	Group	Medium	Instructor to identify, monitor and support any nervous participants, following challenge by choice principles from positions of maximum usefulness. Alter route accordingly or venue	Low
Individual(s) separated	Instructors, Group	Medium	Instructor(s) to brief on sticking together and to closely monitor group's progress.	Low
Radon Gas	Instructors, Group	Medium	How Stean Gorge LLP to conduct annual and ongoing reviews of Radon advice with technical advisor and to monitor a log system to monitor instructor exposure though work-related caving. Instructors to log all cave sessions on the How Stean Gorge system.	Low
Weil's disease, gastroenteritis, infection	Instructors, Group	Medium	Instructor to consider water quality in choice of route and to brief on control measures such as keeping mouth closed, covering cuts, showering after session. Dead animals to be removed as soon as reasonably practicable.	Low

Gorge Scrambling

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

When abseiling into Howstean Gorge see also the Abseiling Risk Assessment.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Sudden change in water conditions raising challenge level and likelihood / severity of swim / entrapment / drowning	Instructors, Group	High	<p>Signed off Instructors to assess conditions before allowing entry to Gorge. For Howstean Gorge considerations should include:</p> <ul style="list-style-type: none"> • Colour of water in Gorge / Howstean Tunnel • Rainfall on site & Rainfall in catchment • Is Scar Inlet Open? • EA Flood Warnings • Met Office Mountain Area Forecast • River Level in Pateley <p>Instructors to monitor water level and colour throughout activity. "If in doubt stay out"</p> <p>Instructors to carry (and be competent in use of) throwlines. Buoyancy aids are to be provided for non-swimmers and those not confident in water. Please see operating standard.</p>	Low

Fast moving water causing slips / swims	Instructors, Group	Medium	Instructors to choose a route appropriate for the group and conditions, monitoring how group is coping and adjusting to any changes in water level. Instructor to brief and manage group to ensure footing can be regained promptly.	Low
Slips, trips, falls including blows to head	Instructors, Group	Medium	Instructor to choose and adjust route to be appropriate to the group and conditions, offering escapes as needed. Instructor to provide training, guidance and support as appropriate. To include safe individual practice (e.g. staying low), picking a line (e.g. rock colour), spotting / being spotted and aiding one another. All participants to protect themselves by wearing a wetsuit, appropriate footwear and an approved climbing helmet.	Low
Entrapment by submerged objects / entanglement in ropes	Instructors, Group	Medium	Float down trips to be supervised by experienced staff with detailed knowledge of the gorge and in appropriate conditions and in a manner appropriate to a known group. Pools and slides to be inspected before any participants enter. Users of ropes to be competent with the use of ropes in moving water, avoiding loops and ensuring no one is tethered to a rope. Instructor to carry a knife.	Low
Abrasion / back / leg injuries on jumps and slides	Instructors, Group	Medium	Instructor to check depth of water (using goggles if appropriate) and offer guidance before offering jumps / slides. Guidance to include technique, including for sliding and on entry and landing. Instructor to observe “challenge by choice” principles. Jumps and slides to be progressive. No ‘must make’ jumps where participants are required to land in a set place/	Low
Rock Fall	Instructors, Group	Medium	Severe overhangs and areas prone to collapse to be avoided.	Low

Panic Attacks	Instructors, Group	Medium	Instructor to identify, monitor and support any nervous participants, following challenge by choice principles from positions of maximum usefulness. Alter route as necessary.	Low
Hypothermia / Hyperthermia	Instructors, Group	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions taking into account the remoteness of the location and potential difficulties of evacuation. Instructor to monitor condition of all group members and to avoid sudden immersion of head in cold water conditions.	Low
Individual(s) separated & in difficulty	Instructors, Group	Medium	Instructor(s) to brief on sticking together and to closely monitor group' s progress.	Low
Lightning Strike	Instructors, Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone activity where shelter is likely to be needed but unavailable.	Low
Weil's disease, gastroenteritis, infection	Instructors, Group	Medium	Instructor to consider water quality before entering and to brief on control measures such as keeping mouth closed, covering cuts, showering after session. Dead animals to be removed as soon as reasonably practicable.	Low

Low Level Walking

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Individual / group lost, in difficulty & unable to get help	Group	Medium	<p>Instructor to choose a route appropriate for the group and conditions, to brief and train as appropriate. E.g.</p> <ul style="list-style-type: none"> • Following plans / instructions / route cards • Plan for sticking together / head counts / check ins • Requirements for Footwear and clothing (off route, delayed) • Expectations in case of separation • Access to whistle / phone / torches / emergency shelter <p>Instructor to monitor group's progress.</p>	Low
Slips, Trips & Falls + Tree / Dead Wood Fall	Group	Medium	<p>Instructor to ensure selected route meet the needs of the group and is appropriate to the group's skills and equipment (e.g. footwear) and to alert group to potential hazards such as:</p> <ul style="list-style-type: none"> • Hanging branches, dead trees • Steep slopes and drops / cliffs • Cave and gorge entrances and scope for falling from height (including from trees / walls) <p>Uneven and potentially slippery paths and surfaces, especially around rivers / streams</p>	Low

Traffic	Group	Medium	Instructor to choose a route and approach which is appropriate to the group and conditions and to manage groups past key points making use of strategies to increase visibility (e.g. bright clothing, torches, adult out in front) as and where appropriate.	Low
Lightning Strike	Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone activity where shelter is likely to be needed but unavailable.	Low
Hypothermia / Hyperthermia	All	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions taking into account any remoteness of the location and any potential difficulties of evacuation. Instructor to monitor condition of all group members.	Low
Animal bites, Toxocariasis Weil's Disease, Lyme Disease, midges, etc.	All	Medium	Instructor to give guidance as appropriate. This might include, but need not be limited to: <ul style="list-style-type: none"> • BCA Advice on Weil's Disease (e.g. washing, symptoms) • Selecting clothes to protect exposed skin • Checking for Ticks 	Low

Orienteering (onsite)

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Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Individual / group lost / overdue	Group	Medium	<p>Instructor to deliver appropriate prior planning & training to meet the navigational and incident management needs of each group. E.g.</p> <ul style="list-style-type: none"> • Groups to be deployed in teams and briefed to stay together • Group to be given practice markers before being allowed to go further • Each group will be provided a whistle to signal for assistance • First Aid arrangements <p>Instructor to assess individual and group competence (e.g. using practice markers) and to structure activity accordingly (e.g. setting group size and composition).</p>	Medium
Environment, including Slips, Trips & Falls + Cuts & Abrasions + Tree / Dead Wood Fall	Instructors & group	Medium	<p>Instructor to select an appropriate site, to ensure group is appropriately dressed (including footwear) and to brief group on specific hazards such as:</p> <ul style="list-style-type: none"> • Hanging branches, dead trees • Steep slopes and drops / cliffs • Cave and gorge entrances and scope for falling from height (including from trees / walls) • Uneven and potentially slippery paths and surfaces • Use of a torch when moving around after dark 	Low

Hypo/hyperthermia and exposure	Instructors & group	Medium	Instructor to ensure the group is appropriately prepared for the conditions and to make adequate provision for hydration. Instructor to monitor the condition of all group members.	Low
Animal bites, Toxocariasis, Weil's Disease, Lymes Disease, midges, etc.	Instructors & group	Medium	Instructor to give guidance as appropriate. This might include, but need not be limited to: <ul style="list-style-type: none"> • BCA Advice on Weil's Disease (e.g. washing, symptoms) • Selecting clothes to protect exposed skin • Checking for Ticks 	Low
Traffic	Instructors & group	Medium	Instructor to brief group regarding traffic hazards (e.g. car park & bridge) Instructor to visually monitor these areas. After café opening times, gate to site can be closed to stop traffic moving onto the site.	Low

Problem Solving

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Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	To who	Unmanaged Risk	Control Measures	Managed Risk
Slips, Trips & Falls + Tree / Dead Wood Fall	Instructors & group	Medium	<p>Instructor to select an appropriate site and group to be alerted to potential hazards such as:</p> <ul style="list-style-type: none"> • Hanging branches, dead trees • Steep slopes and drops / cliffs • Cave and gorge entrances and scope for falling from height (including from trees / walls) • Uneven and potentially slippery paths and surfaces • Guy Ropes as a potential Trip Hazard • Advisability of a torch when moving around after dark 	Low
Falling from Height, Structure Collapse, Entanglement in Ropes	Group	Medium	<p>Instructor to give guidance on, and monitor, all structure building, checking for visible weaknesses (e.g. knots) and setting boundaries and procedures for construction process (e.g. maximum operating height, need for helmets / spotting).</p> <p>Instructor to ensure plans minimise likelihood of dangerous entanglement, (e.g. a rope around a neck) and to carry a knife.</p>	Low

Wounds from Tools (knives, etc); Cuts / Splinters from Equipment	Instructors and Group	Medium	Instructor to give guidance on, and monitor, storage & use of tools (where, when, by whom, on what conditions); Instructor to ensure tasks are appropriate to the group (e.g. capabilities, clothing) and to provide appropriate PPE .	Low
Lifting or Dropping Heavy Items or People;	Instructors and Group	Medium	Instructor to select activities and locations appropriate to the experience and expertise of the group and to provide specific and appropriate guidance as needed – especially where significant loads might be involved.	Low
Collisions & impacts	Instructors and Group	Medium	Instructor to ensure group agrees ground rules, to provide specific and appropriate guidance and to monitor activity.	Low
Hypo/hyperthermia and exposure	Instructors & group	Medium	Instructor to select an appropriate venue, to ensure the group is appropriately prepared for the anticipated conditions and to monitor hydration. Instructor to monitor the condition of all group members.	Low
Lightning Strike	Instructors and Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone or evacuate as appropriate.	Low

Rock Climbing

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

When abseiling see also the Abseiling Risk Assessment.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	Who	Unmanaged Risk	Control Measures	Managed Risk
Falling from Height (rigging failure, faulty or ill-fitting PPE)	All users	High	<p>Site Specific – How Stean Quarry: How Stean Gorge LLP to monitor top rope anchors periodically with annual inspection conducted by an external company.</p> <p>How Stean Gorge staff to periodically inspect all Climbing PPE. Instructors to visually check PPE before each use.</p> <p>All users to use appropriate PPE. Instructor to brief on and check fitting, and to monitor use throughout the activity.</p> <p>All anchors checked for suitability prior to use by a competent member of staff. Instructors to use recognised rigging systems.</p>	Low
Falling from height	All users	High	<p>Instructors to select an appropriate venue, to be familiar with the venue and to be attached to a secure anchor before approaching any exposed position.</p> <p>Instructors to brief group members on viewing / waiting positions and to only approach or depart from exposed positions when securely attached to a safety line.</p>	Low

			<p>Where ropes are used, Instructors to check all tying in / clipping on. Instructors to directly supervise all peer belaying (including lowering). Approved helmets and harness to be used by all.</p> <p>Instructors to ensure bouldering / weaselling steps are progressive, using routes appropriate to the group / conditions, using appropriate spotting techniques and respecting challenge by choice principles.</p>	
Entanglement in ropes - Entrapment	All Users	Medium	<p>Instructor to carry a knife and to manage rope effectively - including rope on adjacent routes and loose rope.</p> <p>Instructor to brief on control measures such as removing dangly jewellery, tying back long hair and tucking in loose clothing.</p>	Medium
Slips, Trips & Falls	All Users	Medium	<p>Instructor to ensure group is wearing appropriate footwear, to select route to meet the needs of the group and to alert group to potential hazards such as:</p> <p>Steep slopes and drops</p> <p>Uneven and potentially slippery paths and surfaces, especially around rivers / streams</p>	Low
Falling Rocks / Blow to Head	All users Public	Medium	<p>Instructor to brief and manage participants to ensure</p> <ul style="list-style-type: none"> • Minimal risk of causing objects to fall / endangering others (including public) • Minimal exposure to areas of potential rock fall (including from other groups / public) <p>All participants to wear a helmet and to given a safe area to wait away from base of climb/abseil.</p>	Low
Panic Attacks	Group	Medium	Instructor to select appropriate venues for the group, to follow challenge by choice principles.	Low

Hypothermia / Hyperthermia / exposure	Group	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions and to monitor condition of all group members. Instructor to consider any potential difficulties of evacuation.	Low
Lightning Strike	All Users	Medium	Instructors to be aware of weather warnings and to plan around the 30-30 rule, postponing or evacuating as appropriate.	Low
Cuts and Abrasions	All Users	Low	Participants to wear appropriate footwear. Briefing to highlight risk and advise long sleeve tops and long trousers.	Low
Other Users	All Users	Low	Instructor to brief group about risks from (and where practicable to use locations away from) other users / visitors.	Low

Via Ferrata

How Stean Gorge will minimise risks associated with this activity by using an appropriately competent instructor to lead the activity. The instructor will use this risk assessment and other associated paperwork as the basis for the safe delivery of the activity. How Stean Gorge recognises the need to have a dynamic approach to risk assessment and therefore the instructor will continually risk assess the activity as it develops and put into place the necessary actions.

When abseiling to or from the Via Ferrata see also the Abseiling Risk Assessment.

Every risk is assessed for Likelihood and Severity. System used: <http://www.hse.gov.uk/risk/faq.htm#q27>

Low = 1-3; Medium = 4-6; High = 7-9

Hazard	To who	Unmanaged Risk	Control Measures	Managed Risk
Falling from Height (User Error)	All users	High	<p>Instructors to undergo training and assessment, to keep skills current by regularly taking part in the activity and to remain attached to the safety wires (and model good practice) at all times.</p> <p>Instructors to brief clients on expectations and responsibilities. Clients to complete a training and assessment phase on a practice course before being allowed to access the course. Instructors to monitor client performance and to cancel or modify activity where clients cannot demonstrate competence.</p> <p>Instructor to maintain good lines of sight and to work from positions of maximum usefulness at all times. Strategies such as buddy pairs and splitting groups (e.g. 5 at a time) to be used where appropriate.</p>	Low
Falling from Height / Blows to the Head (Via Ferrata Failure, Rock	Instructors, Group	Medium	Site Specific: How Stean Gorge LLP to arrange annual external inspection of the course and to monitor periodically with in-house checks and daily inspection.	Low

Fall, Debris, PPE Failure)			<p>How Stean Gorge staff to routinely inspect all Via Ferrata PPE. Helmets, harnesses and cowstails to be used by all users and to be visually checked by instructors before each use.</p> <p>Instructors to conduct and record routine checks of wire, Gorge Walls (especially overhangs, loose rocks) and vegetation (e.g. tree branches) and to look for signs of wear and tear or malicious damage.</p>	
Fall factor > 1.5	Instructors, Group	Medium	<p>Instructors to induct group on fall factors and to training on “clip above the hip” and on priorities when ascending / descending.</p> <p>Instructors to monitor and guide client decision making (e.g. clipping tactics) and to offer escapes where appropriate.</p> <p>Site specific: Instructors to give specific guidance and support on the first down-climb, the ladder crossing, the ascent under the café and accessing the Tyrolean.</p>	Low
Suspension Trauma	Instructors, Group	Medium	<p>Instructors to be trained and assessed in self rescue and in rescue techniques to lift or lower participants to a secure location. Instructors to ensure appropriate rescue equipment is available at all stages of a session.</p> <p>How Stean Gorge LLP to ensure good line of sight from café to Postman’s Walk and Burma Bridge.</p>	Low
Fall factor < 1.5 (blows to head, cuts, abrasions, sprains, strains)	Instructors, Group	Medium	<p>Instructor to ensure group is appropriately dressed (e.g. footwear, clothing and jewellery) and to monitor and support group as appropriate, especially where footing is less secure and on climbs and traverses; Training to include strategies for resting on cowtails, etc.</p>	Low

Arm / finger / foot entrapment	Instructors, Group	Medium	Training to highlight good practice (e.g. not pushing forearm or foot through stemples, one person to each section of wire). Instructor to be in a position of maximum usefulness at all times.	Low
Lightning Strike	Instructors, Group	Medium	Instructors to be aware of weather warnings, to plan around the 30-30 rule, to be aware of guidance (e.g. link 1 , link 2) and to postpone or evacuate as appropriate.	Low
Hypothermia / Hyperthermia / Exposure / Heatstroke	Instructors, Group	Medium	Instructor to ensure that the group is appropriately prepared for the activity and conditions and to monitor all group members. Instructor to consider any potential difficulties of evacuation.	Low