



General Activities Risk Assessment

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| Location: | The Bear Grylls Adventure - Birmingham | Date of issue: | 31.03.2021 |
| Location/Department: | Operations – All activities | Date of next review: | 30.03.2022 |

Venue Wide – Including all common and activity specific areas

| Hazard | Persons at Risk | Existing Control | Risk Rating |
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| COVID-19: Cross contamination between staff, guests, site visitors and contractors. | All | <ol style="list-style-type: none"> 1. Building capacity and activity group sizes have been adjusted to allow 2 metre social distancing to be maintained. 2. All staff and guests are required to follow social distancing guidance by maintaining a 2-metre space between individuals or household groups 3. All staff have undertaken training on social distancing within their departmental areas 4. Key operational staff will be divided into departmental groups that; <ul style="list-style-type: none"> o Avoid contact while on-site o Have staggered start and break time 5. Where public are required to queue social distancing markers and signage have been introduced. 6. Increased staff presence in all common areas (internal and external) to ensure staff and guests are following social distancing requirements 7. Emergency assembly points have been reviewed and comply with social distancing requirements 8. All staff are health screened before entering the building. Health screening includes non-contact temperature checks. Anybody with a temperature above 37.8°C will be refused entry. 9. Contactless payment has been adopted at all till areas. 10. 20+ Hand sanitiser stations installed across site 11. Increased hygiene and social distancing awareness signage implemented across the site including; <ul style="list-style-type: none"> o Hand washing and hygiene signage in bathrooms o Hand hygiene reminder signage across common areas o Social distancing reminder signage in common areas o Queue line social distancing marker signs o Retail signage denoting maximum capacity, refrain from handling goods and control of youngsters. 12. Enhanced cleaning of all common touch points has been introduced (minimum 3 times per day throughout opening hours) 13. All departmental areas have been risk assessed to ensure COVID-19 related control measures are in place 14. Any time that a staff member must be within 2 meters of a guest the duration of this time is kept to a minimum and face to face contact must be avoided. 15. Hygiene screens fitted at serving counters; <ul style="list-style-type: none"> o Admissions & Photos o Food & Beverage o Retail 16. Pre-arrival information for guests encourages the use of face coverings while on-site. | Low |

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| | | <ul style="list-style-type: none"> 17. Staff to wear nitrile gloves in specified guest facing positions 18. Where staff are required to be within 2 metres of a guest (i.e. fitting a harness or completing first aid) they are required to wear a disposable or cloth face covering and nitrile gloves. | |
| COVID-19: First Aid – Where a guest <u>IS NOT</u> suspected of being symptomatic of COVID-19 | All | <ul style="list-style-type: none"> 1. First aider to always assume a risk of COVID-19 is present 2. First aider to always attempt to maintain social distancing 3. First aider to encourage self-treatment for minor issues 4. If treatment is offered and social distancing cannot be maintained the following PPE is required; <ul style="list-style-type: none"> ○ Disposable or cloth face covering ○ Nitrile gloves ○ Disposable apron ○ Eye protection 5. First aider must wash and sanitise hands after treatment 6. PPE to be disposed of or sanitised after use | Low |
| COVID-19: First Aid – Where a guest <u>IS</u> symptomatic or is suspected of being symptomatic of COVID-19 | All | <ul style="list-style-type: none"> 1. Staff must wear the following PPE; <ul style="list-style-type: none"> ○ FFP2 respirator face mask ○ Nitrile gloves ○ Safety Glasses or visor ○ Disposable apron 2. Merlin COVID-19 Reactive Protocols (19/03/2020) must be followed 3. An additional Enhanced Clean of touch points in areas where the guest has spent a significant time will be undertaken and any areas where there has been obvious visible contamination with bodily fluids will be subject to a deep clean. | Moderate |
| COVID-19: Public Bathrooms | All | <ul style="list-style-type: none"> 1. Enhanced cleaning of all common touch points has been introduced (minimum 3 times per day throughout opening hours) 2. Increased hygiene and social distancing awareness signage implemented across the site | Low |
| COVID-19: Ventilation | All | <ul style="list-style-type: none"> 1. Building ventilation is managed via 4 Trane AHU set to maximum fresh air capacity. 2. Reduced capacities for social distancing are considerably below standard averages for the buildings ventilation system. 3. All AHU maintenance and filter schedules have continued as normal throughout closed period and re-opening. | Low |
| Fire | All | <ul style="list-style-type: none"> 1. Daily checks for risk risks in place by Duty Manager 2. Venue fitted with externally monitored automatic fire detection system throughout 3. Venue fitted with sprinkler system throughout 4. Electrical inspection of all wiring carried out annually 5. All non-public doors locked, authorised staff only 6. Emergency lighting in place and tested monthly and annually 7. Fire Alarms tested weekly and serviced annually 8. Evacuation procedure in place and trained regularly 9. Evacuation routes are all signed and lead to muster point 10. Fire Extinguishers are checked weekly and serviced annually 11. Sufficient number of staff are trained to use Fire Extinguishers | Low |
| Security Threat | All | <ul style="list-style-type: none"> 1. Only pre-booked visitors admitted to site 2. Staff trained in de-escalation techniques 3. BGA Incident Management Plan in place 4. NEC security and NEC police presence across entire campus 5. CCTV and vehicle mitigation provisions in place 6. Staff trained in Run, Tell, Hide procedures | Low |

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| Physical Injury – inc. slips, trips or falls – Common areas and activity specific areas | All | <ol style="list-style-type: none"> 1. All participants must complete a health disclosure form prior to starting the activity 2. All participants are given a safety brief prior to activity 3. All participants are given training as appropriate prior to activity 4. All activities are supervised, and assistance is available at all times 5. Instructors and Hosts are trained and assessed to lead groups on all activities 6. All instructor training and assessments are logged, tracked and reassessed as required 7. Any activity specific equipment is supplied <ul style="list-style-type: none"> o All supplied equipment satisfies, as a minimum, all relevant standards and certification as required by legislation, governing bodies and 3rd party inspectors 8. Participants are required to wear comfortable, loose fitting clothing throughout 9. Participants are required to wear comfortable, flat soled, lace-up footwear throughout 10. Participants are not allowed to wear any jewellery during all activities 11. All activities have a bypass option if participants feel an element is beyond their capability 12. Appropriate flooring surfaces are used throughout 13. All structures, environments and equipment is inspected periodically (daily, weekly, monthly & annually) to ensure serviceable condition and compliance with relevant standards and legislation | Low |
| Loss or Damage of Participant Equipment | All | <ol style="list-style-type: none"> 1. Secure lockers are provided free of charge to all venue visitors 2. Participants must leave all loose items, jewellery and loose clothing (e.g. scarves) in the provided lockers | Low |
| Emotional distress - inc. panic & stress | All | <ol style="list-style-type: none"> 1. All challenges are disclosed prior to activity commencing 2. All activities are supervised and assistance is available at all times 3. All activities are ‘challenge by choice’ 4. Bypass options are available for participants who feel uncomfortable with an assault course element 5. Instructors are trained to adjust the tone of the activity to suit the group to ensure any competitive elements are managed to be inclusive for all participants 6. Consumption of alcohol prior to any activity is prohibited and participants will be precluded from activities with no alternative provided by the attraction should this be the case. 7. Participants demonstrating verbal or emotional abuse towards others may be precluded from the activity and removed from site | Low |

| Activity - High Ropes | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Height restriction for high ropes is between 1.3m (4ft 2in) minimum to 2.03m (6ft 7in) maximum (height marker lines on entry sign for staff to use) 2. Weight Restrictions for this is 130.5kg (20.5st) with no minimum restriction 3. Instructors are responsible for attaching and detaching participants from belay system 4. Instructors are always present on the course and continuously observing participants throughout activity 5. Staff are qualified and assessed to Sky Trail Instructor Standard following RCI training syllabus 6. Sky Trail continuous belay system designed to secure participants to the attraction elements at all times by use of pin-lock tamperproof connections 7. Sky Trail continuous belay system requires no participant interaction 8. Harnesses meet EN 12277 type C safety standard 9. High Ropes course and associated equipment is inspected periodically (daily, weekly & monthly) by trained in-house instructors 10. High Ropes course and associated equipment inspected annually by 3rd party inspection body under ADIPS scheme 11. Instructors to ensure participants have removed all loose items and are suitably dressed prior to briefing 12. Public access is prohibited under the high ropes structure | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Only manufacturer approved equipment used 2. High Ropes course and associated equipment is inspected periodically (daily, weekly & monthly) by trained in-house instructors 3. High Ropes course and associated equipment inspected annually by 3rd party inspection body under ADIPS scheme 4. Any PPE found to be or suspected of being faulty must be quarantined and reported to high ropes management immediately 5. Maximum weights (130kg/ 20.5st) of participants are set in accordance with manufacturers recommendations 6. Maximum capacity for high ropes is managed by reduced capacity and a maximum group size. 7. Maximum persons per platform and crossings are explained in the briefing and supervised by instructors. | Low |
| Unauthorised access | Public | <ol style="list-style-type: none"> 1. High ropes structure is fenced to a minimum of 1.8m on all sides 2. Access stairway is caged in unto 2m 3. Entry gate padlocked when not in use 4. During operational hours the high ropes structure is observed by staff to ensure unauthorised access is prohibited 5. NEC have 24hr security patrols and additional CCTV that will monitor the area outside of BGA operational hours | Low |
| Adverse weather – High Winds or Lightning | Participants | <ol style="list-style-type: none"> 1. High Winds <ul style="list-style-type: none"> o Maximum operational wind conditions are 30mph o If instructors measure wind speeds above 30mph on a level of the course continuously within a 15min period, then instructors are to close each level as appropriate and reopen once conditions improve. | Moderate |

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| | | <ul style="list-style-type: none">○ Wind speeds are recorded with an anemometer○ High Ropes course to be inspected after any significant high wind event <p>2. Lightning</p> <ul style="list-style-type: none">○ Instructors to monitor weather conditions as part of their daily inspections○ Activity will be halted immediately when thunder is heard or lightning witnessed within the vicinity of the NEC○ All staff and participants must evacuate the structure.○ Activity will only resume after 30 mins of no thunder or lightning being observed○ If thunder or lightning are observed within the 30 min countdown the 30 min will start again.○ Structures fitted with lightning conductors to ensure safe earthing in a lightning strike event.○ High Ropes course to be inspected after any suspected or confirmed direct lightning strike event | |
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| Activity – Zip Line | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Harness are fitted by instructor and double checked; the zip line briefing instructor completes a final check before the participant enters the dispatch zone 2. A gate/barrier is used to prevent access to the leading edge of the chinook platform 3. Participants are attached to the zip line by the instructor in the safe zone before being allowed to enter the restricted area 4. Attachment is by Koala trolley system and is rated to be tamper resistant 5. Staff are positioned at the entrance to the area while placing guests onto the zip line via their attachment. After all guests are attached, the instructor, who is attached to a separate safety system, is positioned beyond the gate for the dispatch of guests 6. Zip line is directly managed by instructors 7. Instructors must communicate via two-way radio using procedure detailed in the CoSWP 8. Zip line restraint system is in place to prevent early dispatch until line clear signal has been given by receiving team 9. Guests are instructed to walk rather than run out of the chinook 10. A back up zip buffer in place in the event of the zip stop failing. – back up brake | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Only manufacturer approved equipment used 2. All PPE is given a pre-use inspection before each group 3. All PPE is inspected daily, with a full inspection every other month 4. All PPE is inspected annually by an external inspector for ADIPS compliance 5. Any PPE found to be or suspected of being faulty must be quarantined 6. All structures are given a daily inspection in accordance with manufacturers recommendations 7. All structures are inspected monthly by a tech trained staff member 8. All structures are inspected annually by an independent company for ADIPS compliance 9. Any issues/concerns must be reported to high ropes management immediately 10. Activity will be removed from public use until suitable inspection has taken place and any issues are resolved 11. Maximum weights of participants are set in accordance with manufacturers recommendations 12. Each zip line is limited to use by one person per line at a time | Low |
| Unauthorised access | Participants | <ol style="list-style-type: none"> 1. Zip landing area is fenced to a minimum of 1.8m 2. Entry gate padlocked when not in use 3. During operational hours the zip wire landing area is observed by staff to ensure unauthorised access is prohibited 4. NEC have 24hr security patrols and additional CCTV that will monitor the area outside of BGA operational hours 5. Chinook door is key locked overnight, and key code entry during operation | Low |
| Adverse weather – High Winds or Lightning | Participants | <ol style="list-style-type: none"> 1. High Winds <ul style="list-style-type: none"> ○ Instructors to monitor weather conditions as part of their daily inspections. High wind conditions must be reported to management ○ Maximum operational wind conditions are 30mph ○ If instructors measure wind speeds 30mph + continuously within a 15min period, the zip line activity will be postponed until the wind speed become lower than 30mph | Moderate |

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| | | <ul style="list-style-type: none">○ The wind speed will be measured on the high ropes course by an anemometer <p>2. Lightning</p> <ul style="list-style-type: none">○ Instructors to monitor weather conditions as part of their daily inspections○ Potential lightning conditions must be reported to management○ Activity will be halted immediately when thunder is heard or lightning witnessed within the vicinity of the NEC○ All staff and participants must evacuate the structure○ Activity will only resume after 30 mins of no thunder or lightning being observed. If thunder or lightning are observed within the 30 min countdown the 30 min will start again | |
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Activity – Rock Climbing

| Hazard | Persons at Risk | Existing Control | Risk Rating |
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| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Bouldering and climbing walls built to meet BS EN 12572 2. Routes set by experienced climbers in the team 3. Holds inspected daily by instructors 4. Any holds found to be unsafe will be marked/removed 5. If loose holds prevent safe use of the wall the activity must be stopped 6. Bouldering and climbing walls must be closed if any safety concerns are detected. Wall must not be reopened until a full structural inspection has been completed 7. No spectators are permitted into the bouldering area 8. All participants are to be observed at all times 9. Bouldering areas to be closely managed to ensure participant safety 10. All participants must remove all loose-fitting items prior to activity commencing 11. All participants must remove all large hooped earrings and rings prior to briefing 12. Instructors must assess suitability of participants clothing prior to starting activity 13. Participant footwear will be closed toe footwear, preferably trainer style shoes 14. Any jewellery items that can't be removed need to be addressed with tape. 15. If a participant can't or won't remove loose fitting clothing, they must be precluded from the activity 16. Group to understand the 'STOP AND DESCEND' command 17. 300mm safety surface flooring fitted below the bouldering wall 18. Participants should be spotted where appropriate while bouldering 19. Bouldering - Participants advised to climb down the wall but not to hold on if they feel themselves falling and to bend knees on landing 20. Participants demonstrating unsafe behaviour will re-instructed on correct practice 21. Participants demonstrating deliberate unsafe behaviour will be precluded from the activity 22. Bouldering wall limited to 3.6m high 23. Participants instructed not to climb above or below another climber on the wall 24. Participants told not to walk on the floor near the wall where there are climbers on the wall | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Bouldering and climbing walls built to meet BS EN 12572 2. Holds inspected daily by instructors 3. Any holds found to be unsafe will be marked/removed 4. If loose holds prevent safe use of the wall the activity must be stopped 5. Bouldering and climbing walls must be closed if any safety concerns are detected. Wall must not be reopened until a full structural inspection has been completed 6. Bouldering and climbing areas inspected daily by instructors 7. Auto belay devices are inspected daily weekly and 6-monthly by instructors 8. Auto belay devices are inspected annually by 3rd party manufacturer approved inspectors 9. Bouldering and climbing walls inspected annually by manufacturer 10. Climbing harnesses are inspected daily and monthly by instructors 11. Climbing harnesses are inspected 6-monthly by 3rd party insurer approved inspector | Low |

| Activity – iFly | | | |
|---|------------------------|---|--------------------|
| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Area continually monitored by staff throughout daily operation 2. Opening and Closing checks carried out and fully documented. 3. Instructors trained and assessed in stable flying position competency by IFLY trainers prior to entering the tunnel unassisted 4. Instructors trained through IBA's training syllabus through 3rd party instructors 5. Tunnel driver trained and assessed to adjust wind speed accordingly to minimise risk by IFLY trainers prior to driving wind tunnel unassisted 6. First aid trained staff on site at all times 7. Wind tunnel fitted with e-stop system at driver panel and flight chamber entrance 8. Instructors trained and assessed on completing checks safely 9. Hearing protection provided and enforced for both staff and guests within the wind tunnel and staging area 10. Instructors trained and assessed in maintaining flyer safety whilst inside the tunnel by IFLY trainers prior to accompanying a guest unassisted 11. Participants briefed to remove all loose articles and tighten shoes prior to flying 12. Participants required to wear supplied flying suit 13. Participants required to wear safety helmet and eye protection 14. Flyer suitability monitored by instructor prior to tunnel/staging area entry 15. High Fly only performed by instructors holding "Flying with Flyers" qualification from IBA 16. Instructors trained to correct/spot flyers during high fly as part of "Flying with Flyers" qualification with IBA. | |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Wind tunnel and all associated equipment inspected daily by instructors 2. Wind tunnel inspected monthly by technical staff 3. Wind tunnel and associated equipment inspected annually by 3rd party inspection body under ADIPS scheme 4. VFD's and motors inspected annually by 3rd party inspection body | |
| Unauthorised access | Participants | <ol style="list-style-type: none"> 1. Tunnel manned by both the group instructor and the tunnel driver at all times whilst operational 2. Wind tunnel fitted with magnet locked doors to prevent access during both operational and none-operational times 3. Wind tunnel control panel fitted with access control system to prevent unauthorised use 4. Fortress lock system in place preventing either of the VFD's being powered up unless all access keys are returned 5. Wind tunnel and all associated areas monitored by CCTV | |

| Activity – Escape Room | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Pre-use daily inspection prior to staff/guest use. 2. Flooring/Walkways and equipment visually inspected daily prior to guest entry 3. Guests accompanied throughout majority of attraction with verbal instruction to minimise risk of Slips/Trips/Falls 4. Escape rooms are monitored via CCTV while being used by guests 5. All equipment is inspected top ensure no sharp edges or finger traps are present 6. Slide runouts fitted with padded mat to reduce impact 7. Participant safety briefing prior to using rooms, includes instruction to keep feet together and elbows in 8. Participants provided with hessian sacks to sit on while descending the slide 9. Slide gradient 30 degrees to restrict potential acceleration 10. All magnetic door locks unlock automatically in the event of a Fire Alarm trigger 11. Battery back-up lights fitted in all rooms and corridors | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Slide built to Manufacturer's specifications 2. Pre-opening daily inspections completed by instructors 3. Technical inspections completed Monthly 4. Annual independent engineer inspection to satisfy ADIPS | Low |


| Activity – Assault Course | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Assault Course visually inspected as part of staff checks prior to guest use 2. Assault Course fitted with a soft impact style flooring to reduce risk of injury after a slip/trip/fall 3. Assault Course supervised at specific points throughout operational hours by trained and competent staff to minimise the risk of a Slip/Trip/Fall 4. Condition of rubber mulch flooring visually inspected daily as part of opening checks prior to guest entry 5. Participants accompanied by instructors at all times and verbally instructed throughout 6. Specified supporting beams fitted with thick foam padding to reduce risk of major head injury 7. Group sizes monitored to reduce risk of multiple participants approaching elements at the same time | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Assault Course equipment subject to periodic (daily, weekly & monthly) inspections by activity instructors and technical team members 2. The assault course and all associated equipment is inspected annually by 3rd party inspector in compliance with; <ul style="list-style-type: none"> o BS EN 1176 Parts 1, 2, 3, 4, 5, 6, 10 & 11 Playground equipment intended for permanent installation outdoors & indoors o BS EN 1176 Part 7 - 'Guidance on Installation, Inspection, Maintenance and Operation' o BS EN 15312 - Free access multi-sports equipment o BS EN 14974 – Skateparks o BS EN 16630 - Permanently installed outdoor fitness equipment o BS EN 16899 - Parkour equipment (plus RPII/API guidance notes) | Low |
| Unauthorised access | Participants | <ol style="list-style-type: none"> 1. Assault course is staffed during all operational periods 2. Entry exit doors are locked during non-operational periods 3. Assault course is monitored with CCTV | Low |

| Activity – Archery | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. All participants are supervised by BGA staff throughout activity 2. All participants are trained to respond to STOP command by stopping fire immediately 3. All participants are instructed that bows must always face down the range 4. All participants instructed to stay behind the shooting line whilst bows and arrows are available on the range 5. Participants not permitted to use equipment until instructed by staff member 6. Appropriate range layout with adequate overshoot and deflection area - design based on previous sites/experience within Merlin Group 7. Participants provided with arm guard and glove 8. Participants observed during activity to ensure shooters stance is correct to reduce risk of injury 9. Instructor to assess suitability of participants clothing during the safety briefing 10. Participants are not permitted to wear loose items around the neck - visually checked by instructor prior to activity 11. Participants required to tie long hair back 12. All bows and arrows physically inspected prior to guest use as part of AG-Team Leader opening checks 13. All bows and arrows continually monitored visually/physically throughout the day by instructors | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Only approved equipment to be used 2. All participants must complete pre-activity equipment safety training 3. All equipment to be inspected daily 4. Equipment maintained and replaced as advised by manufacturer 5. Any damaged equipment or suspected damaged equipment must be quarantined immediately 6. Archery range and all associated equipment is inspected daily, weekly and monthly by qualified instructors 7. Archery range and all associated equipment is inspected annually by 3rd party inspector in compliance with ADIPS scheme. | Low |
| Unauthorised access | Participants | <ol style="list-style-type: none"> 1. Only authorised staff have access to the range 2. Range gates kept closed when ranges are not in operation 3. Equipment is removed from range when site is closed 4. Archery range monitored by CCTV | Low |

| Activity – Shooting | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. Staff to observe participants at all times 2. Instructors trained to by BSA qualified trainers 3. Instructors must be a minimum of 21 years of age 4. Range design to incorporate dividers to allow physical barrier between shooters 5. Range designed to minimise the risk of ricochet 6. Appropriate range layout with adequate overshoot and deflection area 7. Participants must understand the 'STOP' command 8. Participants instructed that rifles/pistols must always face down the range 9. Participants not allowed access to both rifles/pistols and pallets until ready to shoot 10. When not in use rifles must be 'broken' and pistols must have the safety catch applied 11. No one allowed forward of the shooting line whilst rifles/pistols and pellets are both available on the range 12. Participants not allowed to use equipment until instructed 13. Rifles/pistols inspected by instructor after participant finishes shooting to ensure weapon is clear and safe 14. All instructors and participants to wear eye protection while in the range 15. Instructor to ensure long hair is tied back during the safety briefing 16. Instructors to ensure participants have correct stance and posture 17. Instructor to participant ratio of 1:4 or 2:5 must always be maintained 18. Activity stopped if any participant acting in an unsafe or rowdy manner 19. Any participant failing to follow safety requirements will be precluded from the activity. 20. Pellets must be removed from the range when leaving 21. Participants must never be left alone with rifles/pistols | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Only approved equipment to be used 2. All participants must complete pre-activity equipment safety training 3. All equipment to be inspected daily 4. Equipment maintained and replaced as advised by manufacturer 5. Any damaged equipment or suspected damaged equipment must be quarantined immediately 6. Shooting range and all associated equipment is inspected daily, weekly and monthly by qualified instructors 7. Shooting range and all associated equipment is inspected annually by 3rd party inspector in compliance with ADIPS scheme. | Low |
| Unauthorised access | Participants | <ol style="list-style-type: none"> 1. Range door is locked at all times with pin code digital magnet locks 2. Only authorised staff have access to the range 3. Equipment is removed from range when site is closed 4. Range monitored by CCTV | Low |

| Activity – Dive & Snorkel | | | |
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| Hazard | Persons at Risk | Existing Control | Risk Rating |
| Physical Injury – inc. slips, trips or falls | Participants | <ol style="list-style-type: none"> 1. All areas inspected daily, weekly & monthly 2. Procedures in place, training, close monitoring, and supervision of guests 3. Dive instructors trained to PADI rescue diver as minimum 4. Responsible Person in Charge all on duty during operations 5. Surface tender all present during operations 6. Animals well fed and non-aggressive 7. All unusual behaviours reported to curatorial team 8. Full body neoprene wetsuit, protection, training and constant supervision 9. Hypothermia - Full body neoprene wetsuit thermal protection, hoods, gloves as required 10. All SDX staff trained in First Aid | Low |
| Drowning | Participants | <ol style="list-style-type: none"> 1. Procedures in place. <ul style="list-style-type: none"> o Controlled environment o Safe diving standards/ procedures o Staff trained in rescue technique o Constant monitoring/close supervision of guests o All DIVE staff trained in First Aid and Advanced Resuscitation 2. Unconscious diver - Procedures in place <ul style="list-style-type: none"> o Appropriate regular rescue training o Surface tender all present during operations o Close monitoring of customers o Regular maintenance of equipment o All SDX staff required to hold current First Aid and Advanced Resuscitation certificates | Moderate |
| Decompression Sickness (Dive only) | Participants | <ol style="list-style-type: none"> 1. Controlled shallow environment 2. Short dive time | Low |
| Equipment Failure | Participants | <ol style="list-style-type: none"> 1. Equipment inspected daily prior to use 2. All serviceable equipment serviced every 6 months, with accurate service records kept 3. Staff complete rescue training quarterly to respond in the event of an equipment failure | Low |
| Animals - inc. bites, stings & zoonosis | Participants | <ol style="list-style-type: none"> 1. Close monitoring and supervision of guests 2. Animals well fed and non-aggressive 3. All unusual behaviours reported to curatorial team 4. Trained and competent personnel to monitor for stress levels of animals/fish 5. Specific sting protocol for sting ray displays 6. Specie specific protocols in place 7. Emergency evacuation procedure in place, trained and practiced 8. Wet suits and shoes to be worn 9. No touching of any animal is permitted 10. Participants are not allowed to feed animals without prior authorization and agreement with the curatorial team under specific conditions (Feed Dive). 11. Cownose rays specifically selected due to their small size, docile nature and small barb. 12. All staff and guests to adhere to hygiene protocols at all times 13. Any open cuts or grazes must be covered and kept clean 14. Immune-compromised persons (by disease or drug therapy) are potentially more at risk. Participants who fall into this category must inform management | Low |

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| | | 15. Guests will not directly interact with the animals at any time unless directed to do so by a member of the curatorial team by prior arrangement and agreement under specific circumstances (Feed Dive) | |
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| Name (BLOCK CAPITALS) | |
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| Rob Weatherhead (Head of Operations and Safety) |  |