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| **Name of Activity** | Climbing Wall – Erecting & Preparation | **Date of Risk Assessment** | 20.5.24 | **Name of who undertook this Risk Assessment** | Tracey Murrell  John Gibson |
| **Date of Next Review** | May 2026 |

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| **Hazard Identified? / Risks from It?** | **Who is at Risk?** | **How are the risks already controlled?**  **What extra controls are needed?** | **What has changed that needs to be thought about and controlled?** |
| ***Hazard*** *– something that may cause harm or damage.*  ***Risk*** *– the chance of it happening.* | *Young people*  *Leaders*  *Visitors?* | ***Controls*** *– Ways of making the activity safer by removing or reducing the risk from it. For example - you might use a different piece of equipment or you might change the way the activity is carried out.* | *Keep* ***checking*** *throughout the activity in case you need to change it…or even stop it! This is a great place to add comments which will be used as part of the review.* |
| Siting of mobile wall, raising and lowering– overhead hazards, tipping over, not level | Operators, trainers, spectators | Refer to the Spectrum sport operations manual from P44 onwards – On product set-up instructions, also take down  Do not attempt to raise wall or lower without prior knowledge or having a training session (valid for 2 years) Ensure safe area for climbing tower set up | Has the area changed where the tower is to be raised? From the usual site at Boyd. Ensure no one inside fenced area if at Boyd that is not setting up wall. |
| General fall from height whilst training/operating climbing wall. Connecting incorrectly or disconnecting from system in error or by accident. /Equipment failure/fall during rescue scenarios that may happen as part of the climbing operations – Injury on impact or persons struck by falling person | Operators, trainers, spectators | **PLEASE ALSO REFER TO CLIMBING WALL – OPERATION RISK ASSESSSMENT**  All operating control measures as per operating manual, qualified instructors in the areas of climbing, training and service technician work. Correct version of training documentation and delivery planning document. There is a comprehensive test included in training.  **Ensure correct harnessing and approved PPE for wall**  PPE checked and logged within recommended 2-year usage lifespan. Climbing product has current ADPIS or similar inspection. Design review for structure approved annual swaps work undertaken prior to training where possible.  Pre-use daily checks complete, participants check and safety rules enforced. The surrounding area below and to the sides and back of wall must be cordoned off to allow for safe working.  Max no. of trainees 10 for climbing wall products and carried out with level 1 supervision (trainer watching every move of operator trainees) Emergency scenarios explained through training content and emergency action plan in place. |  |
| Falling equipment or personal belongings whilst training or operating the wall – injury from falling items | Operators, trainers, spectators | **PLEASE ALSO REFER TO CLIMBING WALL – OPERATION RISK ASSESSSMENT**  Operators (trainees) and trainers must reinforce safety rules regarding no items on the wall or person. Level 1 supervision. Training area cordoned off as above  **No helmets required by climbers due to entrapment issue** |  |
| Equipment issue with Auto belay cable on any specific route – Wrong equipment used i.e. helmet or climbing across other persons' route | Climbing participants, staff and trainers | Auto belay system assists any climber using the wall. However, all risks of entrapment must be removed. Helmets are not required due to straps getting caught on hand holds or cables.  **Ensure all safety rules followed** |  |
| Injury to participant in collision with climbing wall and/or ground on descent – injury to any part of body where collides and head injury | Climbing participants, staff and trainers if during demo | Ensure correct climbing methods and let participants have the chance to understand how Auto belay system works in relation to their climb.  Ensure safety matting in the climbing zone P34 min 6ft climbing wall zone operator to monitor all routes and offer advice and guidance – all pre-use daily checks complete |  |
| Injury to operator when dealing with rescue scenarios – entrapment, arm injuries, slipping & tripping | Participants, trainers, trainees & staff members | Ensure all emergency climber recovery procedures are explained clearly through training and practiced at regular intervals. Follow operating manual P36 for guidance, Always connect to climb the correct route for rescues. Have emergency plan in place for frozen/jammed Auto belay |  |
| Unsuitable weather – high winds, lightening, storms, freezing temps and very hot weather. Hazards associated with enclosed/indoor areas. Injury due to collision, mistakes when cold and general injuries due to cold weather, electrocution and unwellness due to heat. | Staff, participants and trainers | Training to cease in winds of 25mph or higher, or is storm or lightening approaches. If weather is too cold for hands to work correctly cease and also monitor dehydration, sunburn heat stroke, lack of concentration etc  Indoors also consider adequate light, ventilation, extreme temperatures. Ensure appropriate breaks | Use of weather apps to be used if required |
| Pre-use daily inspections, weekly, monthly or annual checks maintenance of the climbing wall – slips/trips/falls, injury from mechanical parts, auto belay failure and checks not done | Operators, staff, trainers and service technicians | Inspections of Auto belay must occur in line with operating manual and UK daily check sheets  All auto belay routes must be primed and tested prior to use and all climbing hardware/PPE fit for use. Care should be taken whilst inspection of back wall and mechanical parts – ensure correct methods and approach  **Consult service technician for further guidance/advice** |  |
| ***Review****:*  *4.3.22 – reference to Climbing Wall – Operation Risk Assessment which is to be used for the general operation of the climbing wall following successful set up of the climbing wall by trained site staff.*  20.5.24 – Reviewed – no changes required | | | |