# Risk assessment

| Name of activity, event, and location | Zip Wire – Activity Tower – Kinver Scout Camp | Date of risk assessment | 26/10/2021 | Name of person doing this risk assessment | Megan Williams – Operations Manager |
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| | | Date of next review | 01/04/2022 | | |

| What hazard have you identified? What are the 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? |
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| **Adverse weather** – Lightning, high winds or poor lighting | All | • The activity will be ended.<br>• All instructors and participants to be vacated from the tower area immediately. | |
| **Unauthorised access** – Fall from height, damage to the equipment | All | • Activity tower to be fenced and locked when not in use.<br>• Platform access gates to be locked when not in use.<br>• Groups to be briefed not to enter the tower area unless instructed.<br>• Signs to indicate no unauthorised access. | |
| **Incorrect set up** – Fall from height | Participants | • All instructors must have completed Kinver Scout Camp's level 1 onsite training.<br>• All instructors must have completed a competency check with an authorised member of the campsite team and have read and understood the campsites activity tower operating instructions.<br>• Instructors to check belay set up before use.<br>• An instructor with Kinver Scout Camp's level 2 onsite training must be available onsite incase a rescue is needed. | |
| **Incorrectly fitted helmet** – head injury, falling objects | All | • Only helmets designed for climbing to be worn.<br>• Helmets must be worn correctly as per the manufacturers guidelines by all persons within the designated area.<br>• Instructors must check helmets before beginning the activity. | |

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| | | • Signs to indicate use of helmets.<br>• Participants who wear a full turban are exempt from wearing a helmet, as the turban should control sufficiently the risks that the helmet would otherwise guard against. This exemption does not apply to participants who are wearing a 'patka' or lighter cloth head covering, with or without a top-knot. These individuals must wear a helmet, and provision should be made for a private area where these participants can remove or adjust their patka in order to fit the helmet.<br>• Where a turban is worn in place of a helmet, special care must be taken to ensure that there is no risk of any loose cloth getting entangled in equipment or apparatus.<br>• Instructor to verbally check if any participants has objects in their pockets and ask for them to be removed before entering the activity tower. | |
| **Incorrectly fitted harness** – Fall from height | All | • Harnesses must be worn correctly as per the manufacturers guidelines by all persons taking part in the activity.<br>• Instructors must check harnesses before beginning the activity.<br>• Instructors to re-check harnesses immediately prior to climbing.<br>• Chest harnesses must be worn when inversion is likely i.e:<br>- The participant has a fairly prominent upper body/stomach and no hip definition<br>- There is a medical reason that suggests the participant may faint/collapse<br>• If there is a risk of inversion by the participant but they are too small for a standard harnesses, a full body harness must be used. | |
| **Unsecure attachment to safety rope** – Fall from height | All | • Use of both the safety and descent ropes is mandatory.<br>• Instructors must be connected to the designated safety line before entering the zip wire platform.<br>• Participants should not enter the zip wire platform until they are connected to the safety rope and they are instructed to do so by the instructor. | |

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| | | • The instructor must do a visual and verbal check when attaching the zip safety rope. | |
| **Taking off and zip return -** Impact with ground or other obstacles, general injuries | All | • The person responsible for taking off at the end of the zip wire must be fully briefed by the activity instructor and deemed competant.<br>• The taking off area must be clear of debris any other persons.<br>• When returning the zip wire rope, the participant must walk back to the activity tower and through the door for the instructor to collect the rope. | |
| **Reaching the zip wire platform –** Slips, trips and falls | All | • Participants must be briefed when they may enter the tower and the correct way to access or leave the zip wire platform:<br>- No running up or down the stiars.<br>- Participants not to go higher up than the zip wire platform (stair access only, not to use the ladder).<br>• Zip wire platform access gate to be closed unless the instructor is ready for the next participant.<br>• No persons to be under the zip wire run when in use. | |
| **Rigging –** Slips, trips and falls | Instructors | • Instructors must clip into the designated safety line before entering the zip wire platform. | |
| **Entrapment** – General injuries | All | • Brief and check participants have completed the following:<br>- Long hair tied back or secured.<br>- Large or dangly jewelry removed.<br>- Loose or baggy clothing tucked in and secured.<br>• Instructors must check themselves for the above also. | |
| **Equipment Failure –** Fall from height | | • All equipment to be checked before every use.<br>• All equipment to be checked and documented regularly by the campsite management team, as advised by the manufacturer. | |

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| | | • Any equipment deemed not suitable for use should be removed from the activity tower and reported to the camp warden to be documented, destroyed and disposed of.<br>• All equipment must be kept in suitable, secure storage when not in use. | |
| **Group Management** – General injuries, not following instructions | All | • All groups that include young people must be supervised by an appropriate adult whilst waiting to climb.<br>• Groups should be aware of the recommended group size and time allocated to the activity session.<br>• All participants and group leaders must adhere to the instructor's instructions at all time. Failure to follow instructions and/or safety concerns will result in the instructor ending the session.<br>• The instructor must stop the session and report to the camp warden if there is an accident or near miss.<br>• Instructors may end the session if they feel that the activity is not suitable for the age/ability/experience of the participants.<br>• Suitable footwear must be worn. No open toed or slip-off shoes. | |
| **COVID-19** | All | • Hands to be sanitised before putting on or removing harnesses and helmets.<br>• Hand sanitiser will be available throughout the activity session.<br>• Masks may be advised due to the close contact needed to run the activity safely.<br>• Group leaders and participants responsible for discussing Covid safety concerns with the instructor upon arrival.<br>• Anyone displaying symptoms of Covid-19 must isolate away from the activity and will be asked to return home.<br>**Please see Kinver Scout Camp's full Covid-19 Risk Assessment for more information on Covid security on the campsite.** | |