

<b>Assessment of:</b>	Prehistoric Campfire		
<b>Location:</b>	Mount Cook	<b>Date of assessment:</b>	December 2022
<b>Completed by:</b>	Bernard Müller	<b>Expiry Date:</b>	February 2024
<b>Ratio:</b>	1:24 Max and Min 1 Group Leader	<b>Staff Competencies</b>	Bush craft for practitioners or in house trained and signed off by Activity Manager.
<b>Activities covered:</b>	Resin Glue Creation and Application- Evening Campfire; Bow Drill and Hand Drill – Evening Campfire		

<b>Hazard</b> <i>(something with potential to cause harm)</i>	<b>Risk</b> <i>(How could hazard cause harm and to whom)</i>	<b>Control Measures</b> <i>(What is required to reduce risk)</i>	<b>In place</b> <i>(Y/N)</i>	<b>Action Required</b>	<b>Action Owner</b>	<b>Residual Risk</b> <i>(low / medium / high)</i>
Nest Ignition	<b>To All:</b> Smoke inhalation  Fire Spread	Clear briefing for observer and participant handling of the Nest. 1:1 ratio for blowing Nest into flame. Nests to be blown into flame only	Y	Clear briefing. Designated nest ignition site.	Bush craft Staff.	LOW

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**Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;**

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	Burns	outside round house. Ignited Nests only to be transported by instructors. Clear exclusion zone for igniting nests only.				
Fire Spread from tinder	<b>To All:</b> Fire Spread  Burns from “forgotten” tinder	Tinder only lit on cleared ground or cakes. Whilst in roundhouse, tinder lit exclusively on cakes and disposed of immediately after use in fire pit.	Y	Clear briefing. Designated tinder disposal site/ Container	Bush craft Staff	LOW
Bow Drill Spindles	<b>To Instructors; Participants:</b> Limbs impaled. Cuts	Spindles are bedded in by instructors pre session. Instructors to provide hands on assistance where required	Y	Clear briefing. Materials prepared before sessions	Bush craft Staff	LOW
Hand Drill Spindles	<b>To Instructor:</b> Blisters	Group spindle method to be used. Only worn spindles to be used with groups	Y	Clear briefing.	Bush Craft Staff	LOW
Tool use	<b>To All:</b> Cuts, lacerations and puncture wounds.	Only instructors to carry/ use cutting tools. All tools to be put in exclusion zone that is clearly defined in briefing. Tools must be kept visible if not in a locked box. Knives must be worn by	Y	Tool use training for instructors, logged on Cinolla  Tool safety observed.	Bush craft Staff.  Activity Manager	LOW

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		instructors on exterior sheaths when used. Knife safety to be observed and knives/ axes sheathed immediately after every action.		Clear briefing		
Flint and Steel. Swedish Firesteel strikers.	<b>To All:</b> Cuts, bruises to fingers and knuckles	Thorough briefing from instructors. Traditional flint and steel ratio of 1:3. Close supervision of back bar placement. Large Flint pieces for participants	Y	Good quality flint used.  Clear Briefing	Bush Craft Staff  Activity Manager	LOW
Smoke Inhalation	<b>To All:</b> Aggravating asthma, Breathing problems etc.	Group numbers kept to a level where all participants can sit around the fire whilst leaving at least a 3rd of the circle clear to allow for movement away from the smoke.	Y	Resource maximum capacities followed.	Bush Craft Staff  Activity Manager	LOW
Toxic Wood Smoke	<b>To All:</b> Smoke inhalation.  Poisoning	Only preselected designated wood to be burned.  Toxic wood removed from bush craft area monthly.	Y	Clear Briefing.  Instructors trained to recognise bad wood.	Activity Manager  Bush Craft Staff	LOW

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Moving through woodland	<b>To All:</b> Slips, trips and falls, Eye damage, Lost child	Full safety brief from bush craft staff, Supervision ratio of 1:24 bush craft staff to students Buddy system for students, regular head counts, boundaries, no running Head torches in low light, No climbing.	Y	Safety Briefing, Head Counts, registers.	Bush Craft Staff	LOW
Animal/Insect habitats	<b>To All:</b> Disturbing off habitats, Lime disease (Ticks) potential anaphylaxis, wasps/bees/mosquitoes	Pre-course checks for insect nests, any insect nests in or very close to camp to be removed or destroyed	Y	First Aid kit, Epi-pens kept close for those with allergies and staff trained on how to use them	Participants and Mount Cook staff	LOW
Lack of Boundaries	<b>To Participants:</b> Missing participants. Unwanted public access	Buddy systems and regular head-checks Brief on what to do if a student becomes lost. Clear markings of boundaries, fences and gates	Y	Boundaries in place. Monitoring of boundaries	Mount Cook staff	LOW
Dead fall and dead	<b>To All:</b> Crushing injuries, breaks, death	All sites checked by Mount Cook staff. All tents and other structures placed to reduce risk.	Y	Regular weather checks for high winds.	Mount Cook Staff	LOW

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standing trees		Pre-course checks by bush craft Leader. Regular weather checks for high winds. Evacuation procedures		Evacuation procedures		
Uneven Ground / Animal holes	<b>To All:</b> Breaks, Twists, Falls, Sprains	Animal holes identified, and filled in where necessary Initial safety brief to highlight danger areas. No running rules enforced in woods Supervision at all times.	Y	Filling in any dangerous holes, removal of any dangerous stumps and roots	Mount Cook Staff	LOW
Emergency Access	<b>To All:</b> Unable to leave or gain access	Two forms of access to the woods. Vehicle access to border of woodland	Y	Mount Cook staff	Mount Cook staff	LOW

Risk Assessment checked by H&S or Line Manager

Name: Steve Turner CEO

Date: 19/12/2022

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