

<b>Assessment of:</b>	Bush Craft					
<b>Location:</b>	Mount Cook	<b>Date of assessment:</b>	February 2021			
<b>Completed by:</b>	Bernard Müller	<b>Expiry Date:</b>	February 2022			
<b>Ratio:</b>	1:12 Max and Min 1 Group Leader	<b>Staff Competencies</b>	Inhouse Trained and signed off by Activity Manager or Bushcraft for Practitioners			
<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>
Weather Conditions	Exposer to Heat, Cold, Wind and Rain.	Correct clothing, shelter, sunscreen, evacuation plan for Thunder and Lightning.	Y	Monitoring of weather, Evacuation zone	Mount Cook and participants	LOW
Dead fall and dead standing trees	Crushing injuries, breaks, death	All sites checked by Mount Cook staff. All tents and other structures placed to reduce risk. Pre-course checks by bush craft Leader. Regular weather checks for high winds. Evacuation procedures	Y	Regular weather checks for high winds. Evacuation procedures	Mount Cook 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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Uneven Ground / Animal holes	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
Low Branches	Head and eye injury's	Pre-course checks for any likely branches to cause harm, Safety brief enforcing NO running, Supervision throughout the woods		Pruning of branches at eye or head level	Mount Cook staff	LOW

Emergency Access	Unable to leave or gain access	Two forms of access to the woods. Vehicle access to border of woodland	Y	Emergency access maps	Mount Cook staff	LOW
Lack of Boundaries	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

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Animal/Insect habitats	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
Toxic flora	Poisoning	Pre-course checks to identify any potentially hazardous flora, Safety brief not to touch any fungus or berries, and not to eat anything foraged from the woods.		Washing facilities and disinfectant, Use of Toxic wood during sessions	Mount Cook staff	LOW
Fire lighting, Open Fires	Burns Smoke inhalation	Full safety brief by instructor. Supervision of students at all times, Designated fire pits  Roundhouse fire pit only to be used under direct supervision.  Downwind side of roundhouse to be left unoccupied to avoid excess smoke inhalation.	Y	First Aid, Supervision, designated fire zones, water sources and fire-extinguishes	Mount Cook staff	LOW

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		Wet wood not to be burned inside roundhouse.				
Boiling water And cooking over open fires	Burns	Instruction and demonstration of proper techniques, Full safety brief from bush craft staff, Supervision at all times. Heat proof gloves if required, Hand washing before & after activity, Blue gloves for raw meat, fish & eggs		First Aid, Safety distances from fire, gloves, hand sanitation	Mount Cook staff	LOW
Shelter Building	Collapse of shelter, eye damage, hypothermia	Full safety brief from bush craft staff, Instruction on construction and collection of materials, supervision ratios per shelter, All shelters to be checked for structural safety by Instructor.	Y	All shelters to be checked for structural safety by Instructor	Mount Cook staff	LOW
Heavy lifting	Lifting and twisting, crushing injuries, breaks, concussion, head injury, eye injury.	Full safety brief from bush craft staff, Instruction on correct lifting techniques, student ratios for shared lifting, materials safe for use.	Y	First Aid, Instructor instructions on safe lifting. (no wood larger than a cricket ball in diameter) Team lifting techniques	Mount Cook staff	LOW

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Vehicles and Machinery	Contact with Machinery, unsupervised machinery	Full safety brief from bush craft staff on safely moving through the car park. Stay away from any machinery in or out of use.	Y	Staff briefing and Boundaries	Mount Cook staff	LOW
Public Access	Unauthorised access contact with staff and Students, vandalism in and out of work hours	Reporting of any unauthorised persons and damage to Mount Cook property	Y	Providing staff and students with I.D key cards. Fencing around property	Mount Cook staff	LOW
Litter	Hazardous substances (Poisoning), cuts and grazers, slips and trips	Litter picks, reporting of Hazardous substances	Y	Safe removal of glass. gloves, bags, litter pickers, safe disposal of unidentified liquids	Mount Cook staff	LOW
Moving through woodland	Slips, trips and falls, Eye damage, Lost child	Full safety brief from bush craft staff, Supervision ratio of 1:12 bush craft staff to students, Buddy system for students, regular head counts, boundaries, no running, head torches	Y	Safety Briefing, Head Counts, registers.	Students and Mount Cook staff	LOW
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Trap Making and Snaring	Puncture wound, Trapping, head injury, eye injury	Full safety brief by bush craft Leader, Exclusion zones for students, Only pre-approved traps to be demonstrated.		Small triggered traps and snares only	Trained Mount Cook staff	LOW
Poor Hygiene	Sickness and Illness	Mount Cook tour to outline all cleaning facilities available, Warm water for regular hand washing always available, Showers available on multiple day courses	Y	Available Facilities in working order	Students and Mount Cook staff	LOW
Exhaustion	bad temper, lack of participation, discontent	Staff trained to spot signs of over-exertion, Staff to monitor food & water in-take and regular snack breaks scheduled to keep energy levels up	Y	First Aid trained, available food and water	Students and Mount Cook staff	LOW
Woodland Foraging	Poisoning, stings, pricks and cuts	Full safety brief from bush craft Leader, NO berries or fungus to be collected, all plants to be cleared by bush craft leader. No consumption of any unidentified Flora. Gloves to be worn when handling Nettles/Brambles/bracken		First Aid, gloves, plant and tree ID books	Trained Mount Cook staff	LOW
Tool Use	Laceration, Puncture	Full safety brief from bush craft Leader, Instruction and Demonstration of techniques, Supervision ratio of 1:6 bush craft		First Aid, trained and competent staff with tool use	Trained Mount Cook staff	LOW

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		staff to students (knife safety sessions). Safe working area.				
Falling from Hight	Concussion, breaks, cuts, bruises	Full safety brief from bush craft staff. No climbing of trees or handing on branches.	Y	First aid, time out punishment	Mount Cook staff	LOW
Fuel Use	Breathing in of carcinogens. (smoke from Toxic timbers and modern fire lighting methods.)	Full safety brief from bush craft staff. Staff training on carcinogenic natural, man made materials, Poisonous timbers. Well ventilated working areas. (Do not use Yew tree for anything)		Minimalize use of Bracken.	Mount cook staff	LOW

Risk Assessment checked by H&S or Line Manager

Name: Steve Turner CEO

Date: 9<sup>th</sup> April 2021

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