



<b>Assessment of:</b>	Bush Craft- Fire lighting Specific (To be used in conjunction with Bush craft RA)		
<b>Location:</b>	Mount Cook	<b>Date of assessment:</b>	February 2022
<b>Completed by:</b>	Bernard Müller	<b>Expiry Date:</b>	February 2023
<b>Ratio:</b>	1:12 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>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	Smoke inhalation  Fire Spread  Burns	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 outside round house. Ignited Nests only to be transported by instructors. Clear exclusion zone for igniting nests only.	Y	Clear briefing. Designated nest ignition site.	Bush craft Staff.	LOW

**Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur**

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

**High = Major death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.**

Fire Spread from tinder	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	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	Blisters	Group spindle method to be used. Only worn spindles to be used with groups	Y	Clear briefing.	Bush Craft Staff	LOW
Tool use	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 instructors on exterior sheaths when used. Knife safety to be observed and	Y	Tool use training for instructors, logged on Cinolla  Tool safety observed.  Clear briefing	Bush craft Staff.  Activity Manager	LOW

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		knives/ axes sheathed immediately after every action.				
Flint and Steel. Swedish Firesteel strikers.	Cuts, bruises to fingers and knuckles	Thorough briefing from instructors. Traditional flint and steel ratio of 1:3. Particular close supervision of back bar placement. Large Flint pieces for participants	Y	Good quality flint used.  Clear Briefing	Bush Craft Staff  Activity Manager	LOW
Toxic Wood Smoke	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

Risk Assessment checked by H&S or Line Manager

Name: Steve Turner CEO

Date: 7<sup>th</sup> February 2022

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