



Bushcraft Fire Lighting – Risk Assessment

The risk assessment ratings for each identified hazard, the score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

The Risk assessment is to identify hazards, value the risk and the potential harm and whom to. Have an action plan to prevent the risk and a final risk value.

Hazard	Who	Existing Risk Value	Action to prevent	New Risk Value
Slips, Trips & Falls	Participants Instructors Spectator	5*4=20 High	Be made aware of any steps or objects on the ground. Be aware of surroundings. Shoe laces to be tied up. Appropriate Footwear to be worn. Clear Briefing/Instructions, full understanding. No running in the area.	2*4=8 Med
Slips, Trips & Falls (Head Injury)	Participants Instructors Spectator	5*5=25 High	Be made aware of any steps or objects on the ground. Be aware of surroundings. Shoe laces to be tied up. Appropriate Footwear to be worn. Clear Briefing/Instructions, full understanding. No running in the area.	1*5=5 Low
Slips, Trips & Falls (Into Fire)	Participants Instructors Spectator	5*5=25 High	Be made aware of any steps or objects on the ground. Be aware of surroundings. (The Fire Circle) Shoe laces to be tied up. Appropriate Footwear to be worn. Clear Briefing/Instructions, full understanding. No running in the area. Instructor will clear and check the fire circle before use (RVI)	1*5=5 Low
Chemicals	Instructors Participants Spectator	5*5=25 High	Keep in small quantities and away from participants and Spectator. Instructors have training in how to safely use the chemicals (asthma)	1*5=5 Low
Failure of equipment	Participants Instructors Spectator	2*2=4 Low	Bi-weekly checks completed by trained staff Before/During use checks completed by instructor	1*2=2 Low
Burns	Participants Instructors Spectator	4*5=20 High	Keep all fires controlled and small. Give Participants relevant training and supervision while taking part. Use safer methods during practice. Instructor given First Aid Kit	2*5=10 Med
Cuts, Scrapes, Bruises	Participants Instructors Spectator	2*2=4 Low	Give proper instruction on how to use flint and steels. Supervise use of the equipment at all time. Instructor given First Aid Kit	1*2=2 Low
Behavioural Problems	Participants Instructors Spectator	5*5=25 High	Clear Briefing/Instructions, full understanding. Yellow/red card system. Ratio's 12:1 maximum. Group leader must be present to control group behaviour. Site behavioural policy.	2*5=10 Med
Wildlife	Participants Instructors	5*5=25	No food permitted in the area. Area checked before/during use.	1*5=5

	Spectator	High	Allergies (controlled by group leader) Pest control where appropriate.	Low
Weather	Participants Spectator Instructors	5*5=25 High	Activity not to be used in lightning weather. Activity not to be used in strong winds. Clear Briefing/Instructions, full understanding. Appropriate lighting when required.	1*5=5 Low
Environment	Participants Spectator Instructors	5*5=25 High	Floor area to be made safe by removing any objects that cause hazards. Pre-use checks completed by instructor Arborist report on trees	1*5=5 Low
Covid-19 Instructor Contact (Positive)	Participants Leaders Instructors	5x5=25 High	1m distance when instructing Where not possible, face masks to be worn	2*5=10 Med
Covid-19 General Contact/Arrival			Removed	

This risk assessment is written in accordance with the operating process and procedures.

Written by: Stuart Whyte

Position: Deputy Activity Centre Manager / Programmes Manager

Date 01/2024

Qualifications: BTEC Health & Safety Level 2

Risk Assessment CPD

Reviewed by: Alistair Laidman Milne

Position: Lead Instructor

Date: 01/2022

Qualifications: IOL Bushcraft Competency

Likelihood of Occurrence	Severity of Harm
0 = Never	0 = No Harm
1 = Unlikely	1 = Bumps & Bruises
2 = Possible	2 = Small Cuts & Lacerations
3 = A chance	3 = Broken/Fracture of Bones
4 = Likely	4 = Loss of limb
5 = Certain	5 = Fatality

		Severity				
		*	1	2	3	4
Likelihood	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

Levels of Acceptance	
1-6 Low	= Acceptable
7-10 Medium	= Monitor
11-12 medium	= Re-evaluate
13-25 High	= Not acceptable