


Location:	Leicester Outdoor Pursuits Centre	Date of Assessment:	5/12/12	Last Reviewed:	Name of Assessor:	Chris Murnin
Activity:	Bushcraft – Friction Fire Lighting	Assessment Reference Number:	4.37	December 2019	Signature of Assessor:	

ITEM/ HAZARD	CONTROL MEASURES
Group Bow	<ul style="list-style-type: none"> Ensure group have been fully briefed on where to stand when the bow is in use. Users must hold the bow with both hands. The group members holding the bearing block must be in a stable, kneeling or braced position. Non-participants and observers to stand clear of the working area.
Hand drill	<ul style="list-style-type: none"> Ensure group have been fully briefed on where to sit or kneel. Instructor to demonstrate good technique before Users attempt a go. Users must ensure a good grip before beginning to drill. Users must stop if they feel hot spots occurring on their palms. Non-participants and observers to stand clear of the working area.
Finger entrapment	<ul style="list-style-type: none"> Keep hands clear whilst the bow is in use Hold onto the top of the bearing block Instructor to demonstrate how to hold the bow correctly Care is to be taken when wrapping the drill in the bow string
Burning	<ul style="list-style-type: none"> The drill, bearing block and base board will be hot after use, leave to cool down before handling. Use an ember pan (sliver of wood) to move embers about, to avoid burning fingers. All loose hair and clothing to be tied back when blowing the ember to light the tinder nest. Fire only to be lit in a designated area.
Drill	<ul style="list-style-type: none"> Non participants to stand clear whilst bow and drill are in use. Drill ends will become very hot during use, do not touch Care is to be taken when wrapping the drill in the bow string Drill to be inspected for splinters and cracks before use
Physical injury	<ul style="list-style-type: none"> Ensure the working area is free of anything which could catch the bow or the bow hand. Take turns in operating the bow to reduce fatigue Loose hair and clothing to be tied back or removed. Group to be closely supervised by an Instructor Equipment only to be used as instructed Once tinder nest has taken light, it must immediately be placed in the designated fire area / fire lay, or extinguished.
Further risks	<ul style="list-style-type: none"> All risks should be minimised by continual appraisal of participants condition, the environment and equipment through dynamic risk assessment by the staff members involved. Some risks remain due to the nature of the activity but every care must be taken to minimise these.

