



Title	Pyrograph Safety Procedure
Procedure	Pyrograph Safety Procedure 001
Date Approved	05/2017
Next Review	05/2018 or when a new machine or attachment is purchased or being used in the workshop for the first time by a member.
Distribution	All members
Location	Printed copy in Main filing cabinet, PC copy c:\my documents\Pyrograph Safety Procedure 001.doc
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Other relevant documents	Induction to machines procedure, Machines Safety Procedure, Workshop Attendance procedure, Electrical Leads and electrical safety checks procedure
Document History	
Version	Notes
001	Second Issue no changes made.



SAFE OPERATING PROCEDURES

Pyrograph(Pokerwork) Tool

DO NOT use this machine unless you have been instructed in its safe use and operation and then been approved and registered in the club as authorised to use it.



Safety glasses must be worn at all times in work areas.



Long and loose hair must be contained.



Appropriate footwear with substantial uppers must be worn.



Close fitting/protective clothing must be worn.



Gloves must not be worn when using this machine.

PRE-OPERATIONAL SAFETY CHECKS

1. Examine the power lead and machine for obvious damage.
2. Check the condition of the burning tip. Replaced if damaged.
3. Ensure the cord does not create a slip/trip hazard.
4. Ensure workspace is well ventilated.
5. Avoid burning on acrylics, painted & pigmented surfaces or toxic timbers such as Western Red Cedar.
6. Never burn on MDF. These fumes are very toxic.
7. Never leave the machine unattended when turned on or still hot. Leave unplugged when not in use.

OPERATIONAL SAFETY CHECKS

1. Do not plug in and turn on until the tip element has been checked, or replaced and tightened.
2. Keep fingers clear of the hot tip element.
3. Wear safety glasses as smoke and hot embers can occur.
4. Many species of exotic timbers create fumes that can be toxic when burnt - always wear a suitable dust mask or have dust extraction in operation.
5. Avoid prolonged use as this can overheat the element causing it to fail or oxidise.
6. Do not apply excess pressure to the tip.
7. For "Hot Wire" type machines, always maintain the correct shape to the tip element. Bent or distorted wire tips are often the cause of inefficient operation.
8. If the tip element does not heat up efficiently, turn the machine off, repair the fault or report it to a duty member.
9. Never leave the machine unattended when still ON or when switched OFF but still HOT.



10. Turn off and wait until the tip element has completely cooled before storing the machine away correctly.

HOUSEKEEPING

1. Switch off, unplug & allow cooling down before storing.
2. Leave the machine in a safe, clean & tidy state.