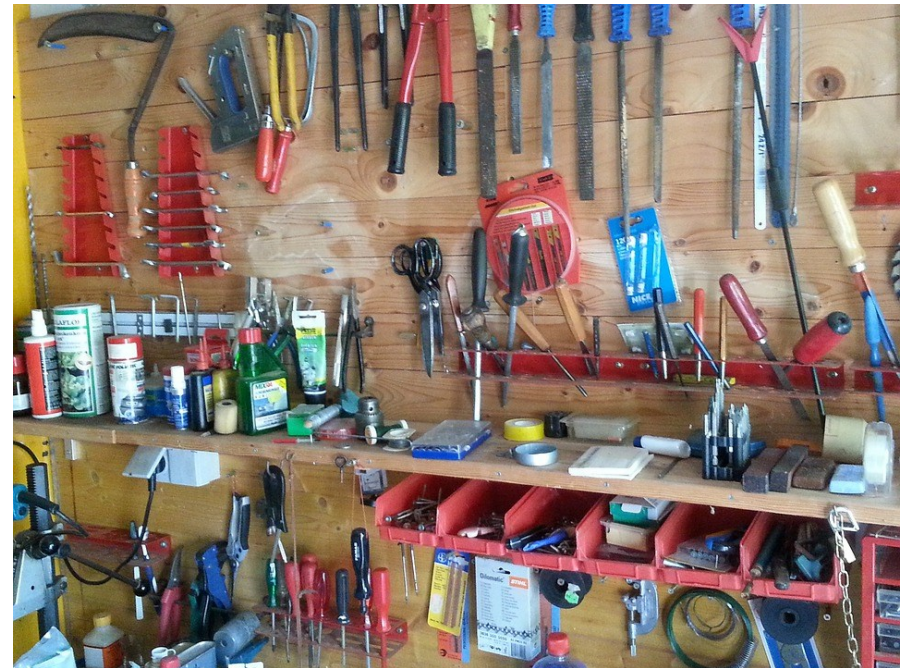


# **STRATHAVEN MODEL SOCIETY Ltd.**

## **WORKSHOP & YARD, KIOSK AND TRACK AREA**



## **SAFETY GUIDELINES**

Edition [ 2 ]      March 2024

Strathaven Model Society Ltd. Is a non-profit making company limited by guarantee, registered in Scotland SC 192804.

## **Personal Tools**

### **NOTICE TO ALL MEMBERS**

The Strathaven Miniature Railway is operated by the

Strathaven Model Society Ltd.

The Directors of Strathaven Model Society requires every Member of the Society involved in the operation of machinery to observe these guidelines.

These guidelines are based on

**The H&S @ Works Act 1974 .**

The Northern Association of Model Engineers guidelines.

The Society's Insurers Guidance on safe practice, within society's locations

**Members may bring to the workshop / tooling for their own use.**

**As there is limited space for storage these items should be removed once used.**

**Personal tools are not covered by the Societies insurance.**

**The following items are strictly forbidden in the workshop**

**Oxygen / acetylene welding / cutting equipment  
Lasers or Plasma welders / cutters.**

## **Welding / brazing**

An electric arc welding bench is available with an anti flash screen.

Two helmets and gloves are provided

**Fellow member's present must be warned of these actions before commencing work.**

Brazing / silver soldering can be achieved using bottled propane gas.

## **Compressed air set**

Normally used for setting valve events and air testing steam engines. When blowing out swarf from a work piece eye protection must be worn. After use drain any air left in the tank

**Fellow member's present must be warned before commencing work**

## **Horizontal linisher**

Work being "sanded" must be placed against the cross gate and firmly held with gloves.

## **Hand and power tools**

Files , hacksaws , hammers, chisels, electric drills etc. are available.

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## **STRATHAVEN MODEL SOCIETY WORKSHOP &YARD, KIOSK AND PARK AREA**

The Society recognises its duty of care to its members and visitors who participate in its workshop activities under the H&S @ WorkAct 1974

The facility created by the Society is to promote the activity of model & miniature engineering as a hobby pastime.

No work of a commercial nature or for personal reward is allowed in any form on its premises as it would contradict the Societies conditions of insurance.

The Society also attracts members, of all ages, from many walks of life, and their competence to operate machinery correctly and safely will have to be assessed by those members who regularly operate the societies plant and machinery.

All members and visitors to the workshop must sign in the attendance book on entry to the workshop this can be found in the seating area. This action provides insurance cover for the Society, its members and visitors in the event of an accident.

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## **SAFETY OF MEMBERS**

### **Guidelines**

**When operating any machinery please consider the following .**

- **Check surrounding area for other members who may be in near vicinity of your working area. Is what you are doing hazardous to them.**
- **E.g. Welding arc = hazard to eyes.**
- **Have sufficient space and light available.**
- **Wear safety goggles, visors or safety spectacles provided.**
- **Where necessary a safety barrier or curtain should be used to protect others**
- **Avoid wearing loose apparel, unfastened cuffs, ties all can be dangerous when working with fast moving machinery.**

**Select correct tools and cutting speeds for the machine being used before work commences.**

## **Metal Saw**

3 types available. Care must be taken to prevent fingers from coming in contact with a moving blade.

When using the Band Saw, wooden push sticks must be used when fingers are near the moving blade as there is no guide or holding down facility on this machine.

The Chop Saw has a permanently fixed vice in place to hold small section material while cutting.

The Large Power Saw is used to cut large pieces of material and is of older construction with no blade guard. **Two members** must be present when operating this machine.

### **Grinders**

Eye protection must be worn when operating either of the tool grinders. One is a heavy duty rough stone type , the other for tooltip grinding. Only iron / steel materials may be ground on these machines. The grinding of copper, brass ,bronze, aluminum and wood is strictly forbidden.

When grinding materials heat is generated on the material being worked and as the workpiece is normally hand held a resulting burn can occur.

### **Surface Grinder.**

Eye protection must be worn. Work piece is held in place by a flat magnetic table hence it can only be used for iron / steel materials. It is only capable of removing 1/1000" at a time.

**The workshop provides the following facilities for its members.**

**Eye protection must be used when operating machinery.**

**Lathes 4 of various capacity.**

Removal of material by a continuous cutting action where the material to be worked on is held in a chuck or on a faceplate allowing it to be removed by turning, boring or drilling. It is essential that the work piece is securely held and supported, and that the correct tooling is applied to the work.

**Milling Machines**

1 Horizontal and 2 Vertical types. Removal of material is by a continuous chipping action where the tool rotates and the work piece secured to the table by a machine vice or directly clamped down to the table using a 'T' bolt system. The cuttings released by this process are like needles and no attempt to touch them should be made.

These machines can be used for the purposes of boring and profiling components.

**Drill Presses**

2 of bench type and 1 floor standing of various capacity. All drilling operations must be conducted using a drilling vice or a jig. When drilling material above 1/2" / 13mm holes the machine vice must be bolted to the drilling table.

**Guidelines continued**

- During use of any machinery please keep it tidy, cluttered machinery surfaces can cause accidents.

**When finished remove swarf, cuttings etc.  
Clean machinery and/or benches.**

- Do not try and stop any rotating machinery by hand as it slows down.
- **IF IN DOUBT ASK ANOTHER MEMBER**

