



Method Statement Annex Approved Machine Tools at the Mill

Version	1		
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Approved Machines at the Mill

Issue History

Version N°	Date of Adoption	Details of Change Made
1		

1. Purpose and Scope

Error! Reference source not found. attached provides a summary of all the machines located in and approved for use in Combe Mill. The Table supports the instructions contained in MS17*. The contents of the Table 1 must be modified whenever a machine is installed in or removed from the Mill.

Only persons who have been trained in its use and are deemed SQEP† by the Chief Engineer (or such other person who may be appointed by the Board) must operate the various items.

The entries in columns 1 and 2 of the Table provide unique information identifying the particular machine.

Column 3 lists the hazards that have been identified from a Risk Assessment as applicable to the use of the machine.

The remaining columns set out the arrangements that are in place to minimise the risks associated with the identified hazards. Column 4 lists the engineered safeguards, Column 5 the PPE that must be worn and the final column the applicable managerial (administrative) safeguards.

* 'Use of Machinery and Hand Tools' MS17

† SQEP is the acronym for 'Suitably Qualified and Experienced Person'

Approved Machines at the Mill

Table 1 Approved Machine Tools at the Mill

MACHINE	DESCRIPTION	ASSOCIATED HAZARDS	GUARDING & OTHER PROTECTIVE DEVICES	PPE	ADMINISTRATIVE CONTROLS
Power Operated Machine Tools					
METAL WORKING LATHE	Electrically driven via belts and a faux line shaft arrangement	Flying swarf, entanglement, splashes from coolant, hot metal contact	<ol style="list-style-type: none"> Adjustable chuck and splash guard fitted Foot operated safety trip 	<ol style="list-style-type: none"> Eye protection No loose clothing or other items to be worn 	<ol style="list-style-type: none"> Only Authorised users are allowed to use equipment. Before becoming Authorised, SQEP undergo local familiarisation and training on machines. Safety signs posted indicating PPE requirements Routine servicing and maintenance carried out
SMALL WOOD TURNING LATHE	Electrically driven	Cutting hand or fingers, flying metal particles, noise	<ol style="list-style-type: none"> Adjustable guard Emergency stop button 	<ol style="list-style-type: none"> Eye protection No loose clothing or other items to be worn 	<ol style="list-style-type: none"> Only Authorised users are allowed to use equipment. Before becoming Authorised, SQEP undergo local familiarisation and training on machines. Visitors allowed to use the machine under immediate supervision of a SQEP Operations carried out in accordance with the instructions in MS11 Safety signs posted indicating PPE requirements Routine servicing and maintenance carried out
ROTARY WHEEL GRINDER	Bench mounted, electrically driven twin stone abrasive rotating grinder.	Flying swarf, abrasive burns, entanglement	<ol style="list-style-type: none"> Adjustable guard Emergency stop (to be fitted) 	<ol style="list-style-type: none"> Eye protection No loose clothing or other items 	<ol style="list-style-type: none"> Only Authorised users are allowed to use equipment. Before being Authorised, users undergo local familiarisation and training on machines. Routine servicing and maintenance carried out Correct storage of wheels SQEP to change abrasive wheels
Heritage Tools: Power Operated					
LARGE WOOD TURNING LATHE	Heritage machine driven by belts from the Mill's Line shafting.	Accumulation of wood turnings, entrapment of fingers, entanglement Entrapment by moving belts	<ol style="list-style-type: none"> The belt drives run in a safety containment Machine fitted with tool rest 	<ol style="list-style-type: none"> No loose clothing or other items Regular cleaning of area as necessary. 	<ol style="list-style-type: none"> Only accomplished wood turners are allowed to use the machine Before being Authorised, users undergo local familiarisation and training on machines Operations carried out in accordance with the instructions in MS11

Approved Machines at the Mill

MACHINE	DESCRIPTION	ASSOCIATED HAZARDS	GUARDING & OTHER PROTECTIVE DEVICES	PPE	ADMINISTRATIVE CONTROLS
LARGE WOOD CUTTING BAND SAW	Heritage machine driven by belts from the Mill's Line shafting.	Severe hand injury Entrapment by moving belts	1. The belt drives run in a safety containment 2. The band saw is located in a safety cage.		1. Only Authorised users are allowed to use equipment. 2. Before being Authorised, users undergo local familiarisation and training on machines 3. Operations carried out in accordance with the instructions in MS02
CORN MILL	Heritage machine driven by belts from the Mill's Line shafting.	Entrapment by moving belts	1. The belt drives run in a safety containment 2. The corn mill is located in a safety cage	1. No PPE is required as access to the corn mill is never necessary when the line shafting is running	1. The corn mill is driven to show the way in which the drives from the main shat could be distributed amongst many machines It does no useful work.. 2. Access to the Corn Mill is not permitted when the line shafting is running
WHETSTONE	Heritage machine driven by belts from the Mill's Line shafting	Abrasions from contact with the wheel Entrapment by moving belts		1. Eye protection and gloves when demonstrating the sharpening of tools.	1. Only Authorised users are allowed to use equipment. 2. Before being Authorised, users undergo local familiarisation and training on machines. 3. Normally driven solely to show the way in which the drives from the main shaft could be distributed amongst many machines. 4. Occasionally used to sharpen tools (such as a scythe) to show the way the stone was originally used. 5. Visitors kept well back by a stout wooden barrier, which is inspected prior to opening the Mill.
Heritage Tools: Hand/ Foot Operated					
HOBBIES FRETWORK SAW	Heritage machine typically used to demonstrate operation of machine	Cuts to and other hand injuries			1. Only Authorised users are allowed to use equipment. 2. Before becoming Authorised, SQEP undergo local familiarisation and training on machines

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MACHINE	DESCRIPTION	ASSOCIATED HAZARDS	GUARDING & OTHER PROTECTIVE DEVICES	PPE	ADMINISTRATIVE CONTROLS
TREADLE OPERATED WOOD LATHE	2 off Heritage machines used to demonstrate the machines' operation.	Accumulation of wood turnings, entrapment of fingers, entanglement		1. None when demonstrating treadle action 2. Visitors use eye protection when turning wood	1. Only Authorised users are allowed to use equipment. 2. Before becoming Authorised, SQEP undergo local familiarisation and training on machines. 3. Visitors allowed to use the machine under immediate supervision of a SQEP 4. Operations carried out in accordance with the instructions in MS11 5. Routine servicing and maintenance carried out
Barn Engines and Associated Tools					
AWAITING	POPULATION				