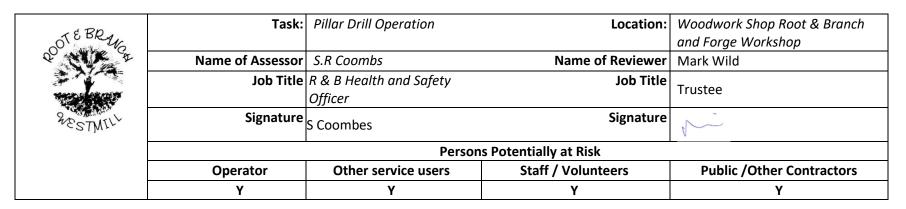
## Root & Branch

## Risk Assessment

In accordance the Management of Health and Safety Regulations 1999

Ref: RA08

Date: 19 Jul 17



Operative PPE requirements for this operation											
										0	
Safety	Coveralls	Gloves	Eye	Face		Hearing	Hi Viz Vest/	Dust	Wellington	Hard	
Boots	Coveraiis	dioves	Protection	Protection		Protection	Clothing	Mask	Boots	Hats	
Υ	N	N	Υ	N		N	N	N	N	N	
Specific PPE comments or requirements:											
Facemask and Ear defenders to be worn when machining hardwoods or MDF Board											

Estimated I	Estimated Level of Risk (Based on Maximum Risk Identified)									
Low (1-4)	Medium (5-12)	High (13-25)								
Yes	Yes, until properly trained									

Emergency Details											
Nearest A & E:	Great Western Hospital Swindon	Telephone No:	01793 604020								
First Aid:	First Aiders listed on board in lobby	First Aid Kit in Kitchen	Additional Kits in Forge and Wood Shop								

Likelihood - L	Rating Given	Severity of Outcome - S	Rating Given
Highly Unlikely	1	First Aid injury or minor property damage	1
Unlikely	2	Minor injury or property damage	2
Medium	3	Potential lost time injury or short term ill health	3
Likely, may occur regularly	4	Major illness or injury	4
Highly Likely, certain or almost certain to occur	5	Fatal or disabling injury or serious ill health	5

Apply a rating to both likelihood and severity and then multiply together to give actual risk rating of a particular hazard

Hazard	Risk	L	S	R	Control Measures	L	S	R	Further Action Required
Defective Equipment	Defective equipment presents a risk of injury	1	3	3	If thought to be defective at any time, cease use of machine and attach a defect tag to isolate from use.  Report any defects to your Supervisor  Ensure machines is regularly serviced in accordance with manufacturers recommendations	1	3	3	
Improper Use	Equipment used incorrectly can cause serious injury to operators and others	2	3	6	Only trained operatives to use equipment, if you are unsure about this seek advice from your Manager.  Do not permit untrained persons to use equipment.  Use equipment in full accordance with manufacturers recommendations as contained in the handbook.	1	3	3	Until operator can demonstrate competence, close supervision is required
Flying Debris	Drilling of wood can cause material (Sawdust and Chippings) to be ejected from the cutting area at high speed	2	3	6	Ensure guards are in place.  User must wear suitable personal protective equipment, Safety boots and Safety Glasses.	1	1	1	
Vibration	Excessive vibration is a warning of a potentially serious problem that could cause injury	1	3	3	Ensure operatives are aware that vibration implies something is very wrong, Maybe the Drill chuck or drilling bit has become loose  STOP the Machine Immediately remove power cord from electric supply and summon the supervisor. Do not allow anyone to use machine.		1	1	
Manual Handling	Risk of injury from lifting large baulks of wood, resulting in damage and strains to back or rupture	2	3	6	Always use correct lifting Techniques  Always ask for assistance, supervisor will always be ava	1	3	3	Ensure that all service users are trained in correct stance and lifting techniques.
Fumes	III health can be caused by fumes when routing Exotic Hardwoods	2	4	8	Always wear a face mask when cutting Hardwoods or MDF	1	3	3	

Hazard	Risk	L	S	R	Control Measures	L	S	R	Further Action Required
Workpiece rotation	Injury can be caused as a result of drill bit, biting into the workpiece causing high speed rotation of work – acting as a large cutter	3	4	12	Always clamp workpiece to drill table  NEVER try to hold workpiece by hand	1	4	4	
Machine Speed Change	Injury can be caused to hands when moving belts and pulleys	3	2	6	Remove power cord from socket;  Operator Training is needed to ensure that pulley adjustments are at the minimum tension setting before attempting to move drive belts.  Great care is needed to avoid trapping fingers betwixt drive	1	2	2	
Maintenance and cleaning activities	Injury could be sustained whilst cleaning the machine	2	3	6	Power cord must be removed from source before cleaning of machine commences  Use Vacuum cleaner NOT fingers to clean machine Guards must NOT be removed to access difficult to reach places – Supervisors will deal with these problem areas	1	3	3	
Electric Shock	Injury or Burns caused by Electric Shock. Due to short circuit or breakdown of insulation	2	4	8	All power to sockets fed through RCD trip switches  All plug in machinery subject to annual PAT testing regime  All electrical circuits tested by a qualified electrician every five years as per legislation	1	4	4	