

Technologies (Morticer (Hollow chisel)) – Risk Assessment Template No. 61 (List additional hazards, risks and controls particular to your school using Template No.74)

Note: Chain morticer is not suitable for schools

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Contact with drive mechanism Operating without guards		Entanglement	H	The drive mechanism is appropriately guarded				
		Severe hand injury		The guard is removable only with the use of a tool, or alternatively is fitted with an interlocking guard mechanism				
		Cuts	H	The stop control is more prominent than the start control to facilitate ease and speed of access when it is necessary to turn off the machine				
		Lacerations	H	The machine is fitted with an emergency stop control (usually red domed mushroom type head on yellow housing) in an appropriate location, which is easily accessible in an emergency, where applicable The emergency stop works				
			H	The flap type ^[21] emergency stop control (flap-stop is a normal start and stop contact, which is equipped with a yellow flap and red mushroom-type push buttons, covering both the start and stop contacts) is not acceptable where there is a need for an emergency stop				
	M	In the event of power supply interruption, automatic restart is prevented after restoration of the power supply						

➡ ——— ^[21]Flap Type Emergency Stop Control



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Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Contact by persons other than the operator with moving machinery		Entanglement, pinching and laceration	M	Safe operational areas are marked out clearly around machines				
Direct contact with moving parts		Injuries causing laceration, entanglement, bruising or fractures	H	A visual check is carried out before use to ensure, where applicable all guards and covers are fitted, in good order and there are no visible faults				
			H	Machine is used in compliance with manufacturer's instructions				
			M	The operator's manual is available				
			H	Dangling jewellery is prohibited				
			H	Long hair is tied back				
Electric shock, electrocution, burns, death		Electric shock/ fire/burns	H	A visual check is carried out before use				
			H	Machines are serviced by a competent person and service records kept as part of the maintenance schedule				
			H	Defective electrical equipment is clearly identified and labelled as out of use All faults are recorded in log book Previous faults have received attention Defects are reported to person in control of workplace to ensure all items are repaired or replaced				
			H	The operation of the RCD is checked by pressing the test button regularly and the RCD is tested periodically by a competent person to ensure that it operates at correct leakage current (leakage current not exceeding 30 mA in a time of not more than 0.3 seconds) (Applicable to plug and socket arrangements)				
			H	Cables are free from damage, do not have any non-standard joints, or show any signs of overheating				

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Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Prevention of accidental start-up			M	Equipment is disconnected or isolated when not in use				
Unsupervised use of machines		Unsupervised use leading to injury	H	Students are prohibited from using certain machinery				
			H	Students are supervised by their teacher when using any machine				
			H	Students are instructed by their teacher before using any machine				
			H	Machinery to be used by teachers only are clearly identified				
Unsecured machine / unsecured work piece		Movement of machine leading to injury during use	H	Machine is securely fixed to the floor or bench and appropriate clamps in place to ensure that work pieces are secured, where applicable				
Flying fragments		Eye/facial injury	H	Appropriate eye protection is worn				
Ingestion of contaminated material		Poisoning or ill health	M	Food and drink are prohibited in working area				
Contact with hazardous materials		Exposure to hazardous materials	L	Personal hygiene is promoted (washing of hands, use of barrier creams etc.)				

If there is one or more **High Risk (H)** actions needed, then the risk of injury could be high and immediate action should be taken. **Medium Risk (M)** actions should be dealt with as soon as possible. **Low Risk (L)** actions should be dealt with as soon as practicable.

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Risk Assessment carried out by: _____

Date: / /