

**Technologies (Vacuum Former) – Risk Assessment Template No. 67 (List additional hazards, risks and controls particular to your school using Template no. 74)**

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
Unprotected heat sources		Burns	H	The heating system is shielded or guarded (in accordance with the manufacturer's guidance) to prevent accidental contact with hot surfaces				
Overheating of equipment		Fire, fumes	H	There is a timer with audible warning device to prevent overheating. Procedure in place for action to be taken if excessive fumes generated.				
Direct contact with moving parts		Injuries causing laceration, amputation, bruising, fracture or burns	H	Before use a visual check is carried out to ensure, where applicable, all guards and covers are fitted, in good order, and there are no visible faults				
			M	The operator's manual is available				
			M	Equipment used in accordance with manufacturer's instructions				
			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 are kept as part of the maintenance schedule				
			H	Defective electrical equipment is clearly identified, labelled as out of use, and stored separately to prevent accidental use All faults are recorded in log book Previous faults have received attention  Defects are reported to the person in control of the workplace to ensure all items are repaired or replaced				
			H	Equipment is only plugged into a circuit protected by an RCD (Residual Current Device) (Applicable to plug and socket arrangements)				

**Technologies (Vacuum Former) – Risk Assessment Template No. 67 cont'd. (List additional hazards, risks and controls particular to your school using Template no. 74)**

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
Electric shock, electrocution, burns, death		Electric shock/ fire/ burns	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				
			H	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				
Inadequate signage		Inadequate information and warnings leading to unsafe use of machine and injury	M	Warning signs are prominently located and maintained in good condition				
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	M	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:**    /    /