



The University of Sheffield

Risk Assessment Form

PERSONS AT RISK : (*) Employees () Contractors () Public () Visitors () Others			Reference No: WS2/10/2002
Risk: (H) High (M) Medium (L) Low (O) No Risk.			Environment: Civil Engineering Workshop
TASK or ACTIVITY: Use of all milling m/c's for horizontal & vertical milling		INITIAL RISK RATING	EXISTING CONTROL/PROPOSED CONTROL MEASURES
SIGNIFICANT HAZARD	RISK		
1. Contact with moving cutter	Personal Injury	M	1. Only trained & experienced operators authorised to use milling m/c's. } 2. Operators to wear lab coats/boiler suits - no loose clothing-hair tied back if appropriate. }
			3. Remove jewellery & other items that could be caught on projections. } L 4. Use of table guard (see comments) } 5. Detailed safe working procedures for each machine. } 6. Emergency stop controls fitted to each machine. } 7. Trainees only to work under supervision. }
2. Swarf / ejected parts	Personal injury / Damage to workpiece	M	1. Safety glasses, visor or goggles to BS EN 166 1F } 2. Stop drive when clearing swarf from workpiece / workarea. }
			3. Use Brush or rake to clear away swarf. } L
3. Soluble oil	Carcinogen / dermatitis	H	1. Oil resistant gloves, PVC or similar, to be worn when contacting oil. } 2. Wash hands thoroughly after accidental contact with oil. } 3. Remove oil contaminated clothing for laundering } L
Comments:: Cutters are variable in size and shape and require frequent changing.			Overall Risk: L
Guarding must protect under varied operating conditions but an interlocked guard would make setting up and working to marked lines extremely difficult.			
Additional References, Tasks etc			
Reference should be made to the Workshop Code of Practice. www.shef.ac.uk/Safety/mech/index/html			
Undertaken By: R.A.Smith Workshop Supervisor			
Other Persons Consulted:			
Date: 10/15/02			Revision Date: