

Operation/Activity: Use of a Bench/Pillar Drill

Site / Location:

Persons at Risk (tick appropriate boxes)

Employee	<input checked="" type="checkbox"/>	Pregnant Women	<input type="checkbox"/>
Visitor	<input checked="" type="checkbox"/>	Disabled Persons	<input type="checkbox"/>
General Public	<input type="checkbox"/>	Lone Workers	<input type="checkbox"/>
Young Persons	<input type="checkbox"/>	Others	<input type="checkbox"/>

GUIDE TO RATINGS:

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 15 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

		Summary of Assessment Overleaf				
	Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating	
H1	Operatives sustaining injury from the use of machines or handling materials.	High	2	3	6	Low
H2	Flying Particles.	High	2	3	6	Low
H3	Hearing damage from exposure to noise.	Medium	2	2	4	Low
H4	Electricity Shock, Electrocutation	Medium	2	2	4	Low
H5	Health hazards arising from exposure to dusts, fumes etc.	Medium	2	2	4	Low

Assessed By:	Date:
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Monitored By:	Date:
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Issue: 001
Date:
Review:

Risk Assessment



Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	No person will use the pillar drill unless they have been trained and instructed in its operation and is authorised to use it or is undergoing training under supervision of a competent person.			
	Space around the drill must be kept clear and free from obstructions. Floors must be clean and properly maintained to prevent persons tripping, falling, or slipping.			
	The pillar drill will only be used in accordance with manufacturer guidelines.			
H1 Contact Injury	Persons using the machine must use and keep properly adjusted all guards and other safety devices.	2	3	6
	Persons using machinery must report all defects immediately to a supervisor and not use the machinery in question until repairs are carried out. All machines will be maintained in efficient working order by a competent contractor			
	The operator must not leave the machine running whilst unattended.			
	Adjustments must not be made to any guard whilst the drill is in motion.			
	Do not overreach – keep proper footing and balance at all times.			
	Keep hands clear of drill and any moving parts at all times.			
	In the event of trouble operatives are never to act on the machine in movement: press the emergency button and wait for the machine to stop completely.			
	Unplug from power supply before adjusting or servicing.			

H2 Flying Particles	Operatives using the drill must always wear suitable personal protective equipment. Items required to be worn for using the drill are approved eye protection, ear defenders and face fitted dust mask.			
	Never work pieces that are too large or too small for the capacity of the machine.	2	3	6
H3 Noise	Noise levels produced by the machine will be monitored on a routine basis and appropriate action taken if noise action levels are breached.			
	The correct sharpness and size of drill should be selected before commencing the work. Tools that are not sharp enough can produce abnormal levels of vibration leading to damage being caused to the machine, and excess noise to be produced.			
	Warning signs are posted near the machine and will be adhered to.	2	2	4
H4 Electricity, Shock	When operating, the supply cable must always be kept clear of the drill bits.			
	The power plug will be examined very regularly for damage and security of the cable.	2	2	4
H5 Dust / Fumes	Materials that can cause sparks or overheating of the shavings will not be used.	2	2	4

