



Risk Assessment Drill Press



Hazards Requiring Attention:

0

AS AT

Thursday, 24 July 2025

Next Review

Friday, 24 July 2026

Total Hazards Recorded

11

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

0

Low Risk Hazards

11

Risk Matrix - Refer Procedure Risk Management

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Drill Press

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Drill Operation - Exposure to Rotating or Moving Parts	Entanglement and Entrapment	3	4	H7	1 - All necessary engineering controls (or physical changes) such as mandatory guarding around the drill chuck and belt pulley covers are in place to protect workers from all moving parts. 2 - Micro switches are fitted that cut off power when covers or guards are opened.	1	2	L3
Drill Operation - Exposure to Rotating or Moving Parts	Striking	3	4	H7	3 - The drill press table allows for a machine vise (or other clamping device) to be used to position and secure the work piece. 4 - "Lock Out" or warning "Danger" tags are	1	2	L3
Drill Operation - Exposure to Rotating or Moving Parts	Crushing & Pinching	3	4	H7	affixed to all drill press machinery under repair and maintenance. 5 - Training is provided to minimise exposure to hazards. 6 - "Safe Working Zones" around all drill press machines are clearly defined by yellow safety lines – (or similar)	1	2	L3
Drill Operation - Exposure to Rotating or Moving Parts	Cutting, Stabbing and Puncturing	3	4	H7	7 - Operators are required to remove all jewellery, tuck in loose clothing and tie back long hair. 8 - All appropriate and approved personal protective equipment (PPE) is used where required.	1	2	L3
Work Environment	Slips, Trips, Falls and Abrasions	4	4	H8	1 - Housekeeping	2	2	L4
Work Environment	Noise	4	3	H7	1 - Regular Maintenance 2 - Hearing Protection	2	2	L4
Work Environment	Dust, Fumes and Vapours	4	3	H7	1 - Regular Maintenance 2 - Hearing Protection 3 - All appropriate and approved personal protective equipment (PPE) is used where required.	2	2	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Work Environment	Lighting	4	3	H7	1 - Good lighting is provided to all workspaces and this is maintained on a regular basis. Lights are checked and replaced as required.	2	2	L4
Drill Operation	Electrocution	3	4	H7	1 - Drill press has a wall or machine mounted isolating switch that disconnects all motive power. 2 - All drill press machines are fitted with a Direct on Line (DOL) Start/Stop switch - (red and green buttons). 3 - Emergency stop buttons are mounted prominently where necessary. 4 - "Lock Out" or warning "Danger" tags are affixed to all drill press machinery under repair and maintenance. 5 - Electrical safety inspections are completed regularly as per guidelines for all drill press machinery.	2	2	L4
Drill Operation	Ergonomics and Manual Handling	4	3	H7	1 - Sufficient workspace is provided to ensure unobstructed, safe operation. 2 - "Safe Working Zones" are clearly defined around all drill press machinery. Floors are free of excessive dust, waste materials and other extraneous objects. 3 - Manual Handling in accordance with the Work Method Statement Manual Handling	2	2	L4
Drill Operation	Explosion and Fire	3	4	H7	1 - Fire extinguishers of the correct type are readily available in all workspaces and positioned near exit doorways. 2 - Evacuation Plan in place.	2	2	L4

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