



Risk Assessment – Circular Saw.

Company:	SES Engineering (Newark) Ltd	Date:	12.05.2022	Review Date:	12.05.2023	Ref:	SES/0003
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Operation:	Circular Saw.			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Entanglement/ contact with moving parts.	3	5	15	Only authorised, trained and competent personnel are to operate the saw. Before operating the saw ensure that all the guards are in the correct position. Do not wear loose clothing, including gloves.	3	1	3
Material ejection.	3	5	15	Guard must be in position to prevent ejection of material. Eye protection must be worn to a minimum of grade 3.	3	1	3
Electrocution.	4	4	16	Only trained personnel are to carry out maintenance operations with the power supply isolated. A current, valid test for electrical safety must be in place, carried out by a competent person. All employees use cordless equipment wherever possible.	4	1	4
Uncontrolled start up.	3	3	9	Saws are to be isolated when not in use.	3	1	3
Equipment failure.	3	3	9	Check equipment before use and report any defects to your supervisor immediately.	3	1	3
Blocked access/egress.	3	4	12	Safe access and egress to and from the saw must be maintained at all times, with floors kept clean and free of slip/trip hazards.	3	1	3
Burns/Cuts.	3	4	12	The correct PPE must be worn at all times including gloves whilst handling off cuts. Know who your first aiders are.	3	1	3
Hazardous substances.	3	3	9	Before use all operatives must have read, understood and signed the COSHH assessment. Cutting lubricants must be stored in the COSHH stores, not in the work area.	3	1	3
Slips, trips, falls.	3	4	12	Ensure adequate lighting is available. Keep the work area clear of debris, storing off cuts neatly and away from walkways.	3	1	3
Fire.	4	4	16	Carbon dioxide or dry powder extinguishers to be available. Do not use water or foam on electrical equipment. Ensure sparks during cutting are directed in a safe direction.	4	1	4



Likelihood →	Likely (5)	Probable (4)	Possible (3)	Unlikely (2)	Very unlikely (1)
↓ Severity					
Death (4)	20	16	12	8	4
Major Injury (3)	15	12	9	6	3
Minor Injury (2)	10	8	6	4	2
No Injury (1)	5	4	3	2	1

KEY: S = Severity

L = Likelihood

R = Risk rating

12-20 High risk
8-10 Medium risk
1-6 Low risk

PPE Required:

Hard hat	As necessary
High vis clothing & boots	Y
Eye/ ear protection	Y
Suitable gloves	Y
Respiratory equipment	As necessary
Safety harness	Y

Risk assessment to be reviewed every 12 months or following an accident / incident.