



Risk Assessment – Drilling.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0010
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Operation:	Drilling.			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Electrocution.	4	3	12	Cordless equipment to be used as often as possible. Equipment to be visually inspected before each use and taken out of use if damaged in any way. Equipment to be tested for electrical safety at appropriate intervals by a competent person. Switch off electricity supply when not needed. Clean & safe working area.	4	1	4
Materials ejection.	3	4	12	Safety glasses/goggles and or face shield to be worn by all persons in close proximity whilst drill is in operation.	3	1	3
Burns/cuts	4	4	16	Make sure the operatives use the correct PPE e.g., gloves, mask or approved eye protection, boots, and overalls. Make sure the operator is fully trained in the use of the equipment. Always make a clean safe working area.	4	1	4
Manual handling.	3	3	9	Use correct techniques when moving equipment to working area. Seek assistance where required – do not attempt to move heavy or awkward items without assistance.	3	1	3
Damage to equipment.	3	3	9	Machinery to be taken out of use and line management informed immediately if equipment is damaged or has been subject to event which may have caused damage.	3	1	3
Damage to eyes.	3	4	12	Face shields must be worn at all times during all operations. Screens around the work area will prevent other personnel being affected.	3	1	3
Inhalation of fumes.	3	3	9	Make sure the work area is well ventilated especially in confined spaces. If appropriate ventilation is not available operatives must wear a breathing mask.	3	1	3
Fire.	4	4	16	Make sure you use the correct fire extinguisher that has been correctly tested. For areas of risk use a fire watcher to watch for fires starting and they must have the correct PPE. Remove any flammable substances from the working area. Check equipment for safety. Minimum of 1 hour fire watch after hot work complete.	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	Y
High vis clothing & boots	Y
Eye/ ear protection	Y
Suitable gloves	Y
Respiratory equipment	Y
Safety harness	As necessary

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