



### Risk Assessment – Line Borer.

<b>Company:</b>	SES Engineering (Newark) Ltd	<b>Date:</b>	16.05.2022	<b>Review Date:</b>	16.05.2023	<b>Ref:</b>	SES/0019
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Operation:	Line Borer.			Persons at risk:	Employees, 3 <sup>rd</sup> parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Electrocution.	4	4	16	Check equipment – cables, connections, and insulation. Line borer to be 110v. Use approved grinders only and avoid areas of water. Always make a clean and safe working area. Switch off electricity supply when not needed.	4	1	4
Burns / Cuts.	4	4	16	Make sure the operatives use the correct PPE e.g., gloves, mask or approved safety 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
Inhalation of fumes.	4	3	12	Make sure the work area is well ventilated especially when working in confined spaces. If appropriate ventilation is not available, the operatives must wear suitable RPE.	4	1	4
Entanglement.	4	4	16	Make sure you use the correct PPE. No loose clothing. Trained on line borer. Keep distance when machine is in operation. Unplug machine before contacting moving parts. Check equipment for safety.	4	1	4
Damage to eyes and ears (sight/hearing).	3	5	15	Use correct eye protection, use screens to protect 3 <sup>rd</sup> parties from sparking sources. Warn verbally people in the area of risk. Wear ear protection such as ear plugs or ear defenders when carrying out the task.	4	1	4

Likelihood →	Likely	Probable	Possible	Unlikely	Very unlikely
↓ Severity	(5)	(4)	(3)	(2)	(1)
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.