



Risk Assessment – Use of Portable Hand-Held Electric Equipment.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0046
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Operation:	Use of Portable Hand-Held Electric Equipment.			Persons at risk:	Employees, 3 rd parties.		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Operator error.	4	3	12	Only competent personnel are to use electrical equipment.	4	1	4
Electrocution.	4	4	16	Only equipment with a current PAT test is to be used. Before use check the equipment for damage. If unsure about the safety of electrical equipment do not use it. Only competent persons are to repair faulty electrical equipment. Never stand on damp or wet surfaces when using electrical equipment and keep electrical equipment clean and dry.	4	1	4
Slips, trips & falls.	3	3	9	Run all cables in a tidy manner so they are not a trip hazard. Ensure they are not over stretched, exposed to sharp edges or susceptible to damage from hot work or traffic. After use disconnect tools and cables and store correctly.	3	1	3
Flying particles.	3	4	12	Safety glasses/ face visor to be worn where risk of flying particles. Screens where required to protect other 3 rd party personnel.	3	1	3
Noise.	3	5	15	Most processes generate noise so hearing protection may be required. Signage will warn other personnel in the vicinity to wear hearing protection.	3	1	3
Vibration. (HAVS)	3	4	12	When using vibrating electrical equipment take regular breaks from the task to do alternative work and keep your hands warm. Follow set working hours as defined by the machine manufacturer. Report any problems immediately to the safety department.	3	1	3

Likelihood →	Likely	Probable	Possible	Unlikely	Very unlikely
	(5)	(4)	(3)	(2)	(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	As necessary

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