



Risk Assessment – Use of Compressors/breakers.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0036
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Operation:	Use of Compressors/Breakers			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Noise.	3	5	15	Impact upon local surroundings to be risk assessed independently. Where possible engineering measures to be introduced to eliminate/reduce noise to an acceptable level – silencers/noise abatement barriers. Noise assessment to be carried out, hearing protection zones to be implemented and clearly marked and visible. Ear defenders of an appropriate rating to be used.	3	1	3
Vibration.	3	4	12	Consult information provided and do not exceed maximum working periods for equipment being used. Take scheduled breaks from works. Job rotation should be implemented wherever possible. Ensure the correct tools are used for specific jobs. Tools should be maintained and repaired regularly. If you are not satisfied with any tools/machinery and believe them not to be safe then consult management immediately. Cold weather can increase the effects of vibration, use gloves to keep hands warm to prevent this. Gloves must always be worn when using tools with an increased risk of vibration. HAVS.	3	1	3
Eye injury.	3	5	15	Impact resistant safety goggles to be worn at all times. Exclusion zones around the work area to prevent other operatives being struck by flying particles. Screens should be put in place if 3 rd parties could be affected.	3	1	3
Asphyxiation.	4	4	16	Adequate ventilation must be ensured to disperse exhaust gases and lubricating oil mist. Where adequate ventilation cannot be achieved, cease all works and seek further advice.	4	1	4
Struck by hose.	4	2	8	All hoses to be fitted with a safety strap.	4	1	4
Explosion.	4	3	12	All compressors to be thoroughly examined and inspected with current, relevant certification in place. Compressor to be removed from service if faults are suspected.	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	As necessary
Safety harness	As necessary

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