



### Risk Assessment – Use of Tools with Vibration Risk

<b>Company:</b>	SES Engineering (Newark) Ltd	<b>Date:</b>	16.05.2022	<b>Review Date:</b>	16.05.2023	<b>Ref:</b>	SES/0050
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Operation:	Use of tools with vibration risks			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
Duration of Exposure.	3	4	12	Do not carry out tasks, which involve the use of vibrating tools and machinery for long periods. Take scheduled breaks from work. Job rotation will help and should be implemented if possible. A steady workload should be maintained throughout the course of work.	3	1	3
Incorrect tool usage.	3	4	12	An important factor in reducing the risks of vibration is the selection of the correct tools for the job. It is important that correct tools are used for specific jobs. Tools must also be maintained and repaired when needed. If you are not satisfied with any tools/machinery, then do not use them and seek advice from management immediately on replacement.	3	1	3
Cold weather.	3	4	12	Cold weather can increase the effects of vibration. To prevent this it is important to keep hands warm. Gloves should always be worn to prevent cold increasing the effects of vibration. It is also important to wear warm clothes in cold weather as this significantly improves blood flow, therefore reducing the risk of vibration. The level of blood flow is significantly reduced in those who smoke; therefore, smokers should be aware of the need to take all extra steps to reduce the level of vibration and the effects it has on the body. See hand arm vibration exposure guides.	3	1	3

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	As necessary
Respiratory equipment	Y
Safety harness	As necessary

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