

Operation/Activity: **Vibration produced by breaking out equipment.**

Site / Location:

Persons at Risk (tick appropriate boxes)

Employee	<input checked="" type="checkbox"/>	Pregnant Women	
Visitor		Disabled Persons	
General Public		Lone Workers	
Young Persons		Others	

GUIDE TO RATINGS:

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 15 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

		Summary of Assessment Overleaf				
	Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating	
H1	Hand / arm vibration syndrome	Medium	2	3	6	Low
H2	Whole Body Vibration	Low	1	3	3	Low
H3	Noise	Medium	2	2	4	Low
H4	Psychological Stress / Fatigue	Medium	2	2	4	Low

Assessed By:	Date:
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Monitored By:	Date:
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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	<p>When used incorrectly machinery may produce high levels of vibration. Only competent employees who have been trained in how to correctly operate the equipment will be used on site.</p> <p>Operators are made aware of manufacturers operating instructions and must adhere to them at all times when using the equipment.</p> <p>Operators are also periodically assessed to ensure they follow the correct and safe operating procedure.</p>			
H1 Hand/Arm Vibration	<p>Whilst operating tools such as breaking out equipment, safety gloves with vibration protection padding will be worn to protect operatives from developing hand vibration conditions. The gloves will provide heat to hands making the body less susceptible to vibration induced injury.</p> <p>Exposure to vibration is reduced by instructing the operative to take regular breaks. Furthermore exposure is broken up by varying activities on site e.g. operative will carryout drilling and then stop to clean up for a short period. A job rotation system will also be conducted to vary the operatives using the equipment throughout the project.</p>	2	3	6
H2 Whole Body	<p>To ensure vibration levels do not increase for the equipment, all machines are maintained on a regular basis and inspected before coming onto site.</p>	1	3	3
H3 Noise	<p>Vibration induced noise is also created by the machinery in use on this project. Operatives are provided with suitable ear protection in the form of ear defenders and are instructed to wear them at all times when working with the equipment or near others.</p>	2	2	4
H4 Stress / Fatigue	<p>Employees who are subject to excessive vibration will have regular medical checks.</p>	2	2	4

