

Issue: 001  
Date:  
Review:

# Risk Assessment



**Operation/Activity:** Grinding with a twin shaft grinder in the workshop.

**Site / Location:**

## Persons at Risk (tick appropriate boxes)

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

**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
<b>H1</b>	Contact with revolving stone	Medium	2	3	<b>6</b>	<b>Low</b>
<b>H2</b>	Flying particles	Medium	2	2	<b>4</b>	<b>Low</b>
<b>H3</b>	Exposure to excess dust	Medium	2	3	<b>6</b>	<b>Low</b>
<b>H4</b>	Exposure to excess noise	Medium	2	2	<b>4</b>	<b>Low</b>

**Assessed By:**

**Date:**

**Monitored By:**

**Date:**

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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
<b>General</b>	Only trained operatives will use the grinder.			
	All operatives involved in the operation will be provided with the appropriate instruction and training.			
	All operatives involved in this operation / task will be familiar with this assessment and the associated method statement prior to commencing any works.			
<b>H1</b> Contact Injury	Before commencing work, operatives will ensure that all safety guards are in place and are in good working order.	2	3	<b>6</b>
	Tool will be set to rest as near as possible to the stone.			
<b>H2</b> Flying Particles	Stones will be dressed regularly.	2	2	<b>4</b>
	Eye Protection to BS 2092 will be worn as well as overalls and safety footwear.			
<b>H3</b> Dust	Suitable LEV (Local Exhaust Ventilation) will be deployed to capture dust at the source.	2	3	<b>6</b>

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	<p>The following personal protective equipment will be used unless otherwise instructed by a supervisor: safety helmet, dust mask, eye protection, safety footwear.</p> <p>A correctly fitting dust mask (or RPE) is to be used whilst carrying out these work activities ensuring that the RPE is:</p> <ul style="list-style-type: none"><li>• Adequate for the amount and type of dust – RPE has a Filtering Face Piece value or FFP which shows how much protection it gives the wearer.</li><li>• Suitable for the work being undertaken.</li><li>• Compatible with other items of protective equipment that maybe being worn at the same time.</li><li>• Fits the user. Face fit testing is needed for tight-fitting masks.</li><li>• Worn correctly. Anyone using tight-fitting masks also needs to be clean shaven.</li></ul>			
<b>H4</b> Noise	Ear defenders will be worn when deemed necessary by the site supervisor or when normal conversation becomes impossible due to noise levels.	2	2	<b>4</b>

