

 RAMS PRO ZONE	RISK ASSESSMENT (WORKING CON-SAWS, ANGLE GRINDERS ETC)	Document No: QHSE-AW-01 Date of issue: 01-01-2025 Revision: 00
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TASK / ACTIVITY:	WORKING CON-SAWS, ANGLE GRINDERS ETC		
DATE OF ASSESSMENT:		DATE OF NEXT ASSESSMENT:	00-00-2025
PROJECT / LOCATION:			

Sr.	Hazards	Risks	Persons in Danger	Risk Level			Control Measures	Residual Risk			Remarks
				L	S	RR		L	S	RR	



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1	● Cutting ● Grinding ● Fire ● Noise	● Eye injuries ● Face injuries ● Hearing loss ● Burns	● Employees ● Other subcontractors ● Client/employees	4	3	12	● Abrasive wheel users must be trained and competent to use such equipment. ● Hearing protection must be worn when using abrasive wheels. ● Safety glasses or goggles must also be worn, ● A suitable fire extinguisher must be available on site and ensure it is fit for purpose. ● Do not attempt to surface grind metal with a cutting disc. ● Ensure all abrasive wheels are stored in a dry place. ● When transporting ensure they are stored safely and without weight resting on them. ● Abrasive wheel must not be used above waist height.	1	3	L
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Risk Matrix

SEVERITY	CONSEQUENCES:
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LIKELIHOOD		Insignificant	Minor	Moderate	Serious	Major	Catastrophic	6 – Catastrophic – Multiple fatalities 5 – Major - Single Fatality 4 – Serious – Permanent disability 3 – Moderate – Lost Time Injury 2 – Minor – Medical Treatment 1 – Insignificant – First Aid Case	
	1	1	2	3	4	5	6		
	2	2	4	6	8	10	12		
	3	3	6	9	12	15	18		
	4	4	8	12	16	20	24		
	5	5	10	15	20	25	30		
	6	6	12	18	24	30	36		
	24 - 36	Extreme	Immediate action required, Activity should not to proceed in current form						
	15 - 20	High	Prompt action required, including interim actions. Activity should be modified to include remedial action and planning.						
	8 - 12	Medium	Schedule action including any interim countermeasures e.g. implement safe work procedures, signage, instructions						
4 - 6	Low	Activity can operate subject to management and or modification,							
1 - 3	Very Low/ Negligible	Risk almost certainly acceptable, no action required unless escalation of risk is possible							



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LIKELY FREQUENCY:

Likelihood (of Adverse Event Occurring)			
	Description	Health & safety	Environmental
6	Almost certain or imminent	Occurs all the time	Continuous or will happen frequently
5	Highly likely	Common occurrence, Occurs multiple times in a year	Happens 5 – 10 times per year
4	Likely or could occur	Know to occur in the last 12 months	1 – 5 times per Year
3	Not likely, but possible	Has occurred in an industry worldwide	Once every 5 years
2	Unlikely	Has not occurred in over 10 years of the same activity	Not happened in over 10 years
1	Rare	Theoretically possible, but not expected to occur	theoretically possible, but not expected to occur

Prepared by:		Approved by:	
Sign:	Date: 00/00/2025	Sign:	Date: 00/00/2025