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PROJECT / LOCATION:	DATE OF ASSESSMENT:	DATE OF NEXT ASSESSMENT
ABC	01-01-2025	01-01-2026

TASK / ACTIVITY
FIRE

SR.	Hazards	Hazards Effects (If the hazard is released)	Risk Level			Existing Risk Control Measures/Recovery Measures	Residual Risk			Remarks
			L	S	RR		L	S	RR	
1.	Fire (General) Overheating Machinery (Breakout Machine, Grinding Machine) Lithium Batteries	<ul style="list-style-type: none"> The building could be burnt down; workers and visitors could be trapped in the burning building. Workers could suffer severe or fatal burns. Poorly maintained equipment can cause friction/overheating and cause fire causing severe or fatal burns to workers. Explosion leading to fire causing severe or fatal burns to workers 	3	4	M	<ul style="list-style-type: none"> Smoking is prohibited in all work areas. Fire alarm tested Extinguishers provided and inspected. Fire exits Fire wardens Fire wardens. Fire drills Internal fire training-orientations <u>Recovery Measures</u> <ul style="list-style-type: none"> Raise the fire alarm Exit the building immediately and report to the fire assembly point Call the emergency response number/first aid/report the incident to the QHSE Manager Routine maintenance of workshop equipment Workers are provided with correct PPE when working with Lithium Batteries. Lithium Batteries training for all company workers Lithium Fire extinguishers provided. 	1	3	L	



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Risk Matrix

SEVERITY								Consequences: 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
LIKELIHOOD		Insignificant	Minor	Moderate	Serious	Major	Catastrophic	
	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: HSE Engineer		Reviewed by: HSE Manager		Approved by:	
Sign:	Date:	Sign:	Date:	Sign:	Date:



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