

RISK ASSESSMENT

(Waste)

Document No: QHSE-RA-W-HSE-00-F
Date of issue: 01-01-2025
Revision: 00
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PROJECT / LOCATION:	DATE OF ASSESSMENT:	DATE OF NEXT ASSESSMENT
ABC	01-01-2025	01-01-2026

TASK / ACTIVITY
Waste

SR.	Hazards	Hazards Effects (If the hazard is released)	Risk Level			Existing Risk Control Measures	Residual Risk			Remarks
			L	S	RR		L	S	RR	
1.	Lithium Battery Resource Consumption	Fire, Explosion, Emission to atmosphere	3	4	M	- Training on proper use and maintenance of lithium batteries. - Lithium Batteries shall be discharged, taped, segregated, labelled, and transferred to a licensed waste management facility and stored on rigid wooden pallets. - Lith-X Fire extinguisher to be made available in workshop and all units. PPE.	1	5	L	
2.	Use of Lubricants / Creation of Lubricant Waste (Container)	Land contamination	3	4	M	Refer to COSHH assessment for chemical management. Clean empty drums; lubricant containers are to be placed in the general waste skip.	1	5	L	
3.	Use and Creation of Paper Waste	Land contamination	3	4	M	Paper reduction awareness posters. Recycling of paper.	1	5	L	
4.	Use of Electricity	Use of Energy	3	4	M	Turn off all appliances while not in use, cleaner turn off all lights, AC units at the end of the day.	1	5	L	
5.	Use and disposal of cleaning agents (Domestic)	Skin irritation, burns, water contamination, land contamination	3	4	M	Purchase (where practicable) environmentally friendly cleaning agents.	1	5	L	



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6.	Use and disposal of Toner/ Print Cartridges	Land contamination	3	4	M	All toner/print cartridges are to be segregated and placed in the 'Toner' bin.	1	5	L	
7.	Disposal of bottled drinking water	Land contamination	3	4	M	- Purchase only Specific water which they have dedicated recycling system. - All plastic bottles are to be placed in the bin provided in the designated areas.	1	5	L	
8.	Creation & disposal of oily waste	Water contamination	3	4	M	Ensure disposal only in the wash bay yard with dedicated facilities.	1	5	L	
9.	Creation & disposal of oily rags/gloves	Land contamination	3	4	M	Place all oily rags/gloves in a designated hazardous waste skip	1	5	L	
10.	Creation & disposal of scrap metal	Land contamination	3	4	M	All scrape metal as a result of maintaining equipment shall be placed in the scrap metal bin which shall be clearly highlighted and segregated from other waste	1	5	L	
11.	Creation & disposal of sewage	Water contamination, waste handling	3	4	M	- Dispose of waste following local guidelines - Dispose of sewage safely in the designated facility.	1	5	L	
12.	Creation of HGV & LGV Exhaust	Emission to air	3	4	M	- Use proper equipment and adhere to disposal protocols - Reduce unnecessary trips and optimize routes.	1	5	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
LIK E LI H O O D		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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