RISK ASSESSMENT												
				Reference Number	er:		OGRA001.01					
Assessment Title:		Lithium	n-lon Battery Charging	Company Name:			Oakbank Waste Management Ltd					
				Department / Loca	ation:		Garage					
Risk Assessment Matrix												
	Risk Ratings Highlighted in 'Orange' are to be discussed– potential improvements. Risk Ratings Highlighted in 'Red' need immediate action.											
Risk = Likelihood x Consequence (Multiply 'X' axis by 'Y' axis)			Catastrophic (5)	5	10	15	20	25				
1 – 4	Acceptable	(X) es	Major (4)	4	8	12	16	20				
5 – 9	Adequate	uenb	Moderate (3)	3	6	9	12	15				
10 – 15	Tolerable	Consequence	Minor	2	4	6	8	10				
16 – 25	Unacceptable		Insignificant (1)	1	2	3	4	5				
				Remote (1)	Unlikely (2)	Possible (3)	Probable (4)	Certain (5)				
				Likelihood (X)								
Any queries arising from this risk assessment shall be addressed immediately with Line Management / Health & Safety Manager												













Hazard(s)	Risks of Harm Persons at Risk		Risk Rating(s)		g(s)	Existing Control Measures		Residual Risk Rating(s)		
nazaru(s)	Related to hazard identified	Persons at risk from identified hazards	X	Y	R	Existing controls measures implemented when carrying out task or using associated plant / tooling	X	Υ	R	
Battery Overheating / Fire	Fire, smoke related injuries and burns through direct exposure to batteries	Persons working within the vicinity of battery charging	3	5	15	 Batteries to be inspected prior to charging for visible signs of damage. If damage is noted the battery must not be connected to the charger. Chargers inspected, tested and maintained in line with manufacturer's instructions. Only use chargers that are specifically designed for use on the battery being charged. Where possible batteries to be charged in designated battery charging area, were batteries cannot be charged within the designated area the following controls must be implemented: No combustible materials to be stored / discarded in the vicinity of the battery charging area. Designated battery charging area located away from heat sources or direct sun light. Lithium-lon batteries must not be covered when charging. 		4	8	
Fire / Emergency Arrangements	Notable signs a battery may be at risk of fire are: Swelling or bulging Hissing / Popping sounds Overheating Smoke protruding Batteries to be allowed sufficient time to 'cool down' to ambient temperature before charging. Persons working within the vicinity of battery charging and battery charging		2	4	8					













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Hazaru(S)	Related to hazard identified	Persons at risk from identified hazards	X	Y	R	Existing controls measures implemented when carrying out task or using associated plant / tooling	X	Y	R	
Electricity	Electrocution, batteries overheating causing burns or fire within the workplace	 Equipment to be Portable Appliance Tested (PAT) as per company schedule. Extension leads / multi adapters to be avoided in battery charging area. Equipment is to be used for its intended purpose only. Any defects / damage is to be reported to line management. Damage / defective charge to be taken out of service until defects rectified by a trained / competent person. 		2	4	8				
Manual Handling	Musculoskeletal injuries or items being dropped Persons handling batteries Musculoskeletal injuries or items being batteries Musculoskeletal injuries or items being batteries Persons handling batteries 3 3 9 • Staff must only lift within their own person and seek assistance if required.		Steel toe capped safety footwear to be worn at all	2	3	6				











