

RISK ASSESSMENT								
Assessment Title:	Work In Inspection Pits	Reference Number:	OGRA004.01					
		Company Name:	Oakbank Waste Management Ltd					
		Department / Location:	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)		Consequence (Y)	Catastrophic (5)	5	10	15	20	25
1 – 4	Acceptable		Major (4)	4	8	12	16	20
5 – 9	Adequate		Moderate (3)	3	6	9	12	15
10 – 15	Tolerable		Minor (2)	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)			Existing Control Measures	Residual Risk Rating(s)		
	<i>Related to hazard identified</i>	<i>Persons at risk from identified hazards</i>	<i>X</i>	<i>Y</i>	<i>R</i>	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	<i>X</i>	<i>Y</i>	<i>R</i>
Open Pits (Working at Height Above Pits)	Falling into open inspection pit leading to personal injury	All persons within the garage	3	4	12	<ul style="list-style-type: none"> Workshop / pit area restricted to authorised persons only. Pedestrian entrance door to be used – located away from the inspection pit. 'No Unauthorised Access' displayed at entry points. Edge of pit clearly highlighted with the use of yellow markings. (Recommended a continuous yellow line 200mm wide). Works not carried out in close proximity to the inspection pit unless a vehicle is over the pit. Work area to be kept clean and tidy to minimise all potential trip hazards. All spillages to be removed promptly. All employees to wear appropriate slip-resistant safety footwear at all times. Area lighting to be adequate for the tasks undertaken and regularly maintained. 	2	3	6
Access & Egress	Falling while entering / exiting inspection pits	Persons working in the inspection pit	3	3	9	<ul style="list-style-type: none"> Access to the pit to be via the steps provided only, staff may exit via the steps or ladder at opposite end. Steps and pit floor to be clean and clear of all obstructions at all times. Inspection pit floor to be kept clean and tidy to minimise all potential trip hazards. All employees to wear appropriate slip-resistant safety footwear at all times. 	2	2	4

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	<i>Related to hazard identified</i>	<i>Persons at risk from identified hazards</i>	<i>X</i>	<i>Y</i>	<i>R</i>	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	<i>X</i>	<i>Y</i>	<i>R</i>
Reversing Vehicles (Vehicles Falling into Pits)	Vehicles falling into the pit	Drivers, banksman and those working in the vicinity	3	4	12	<ul style="list-style-type: none"> No one to be allowed in a pit whilst a vehicle is manoeuvring / reversing over that pit. Only authorised and trained persons are permitted to manoeuvre vehicles on or off the pit. Reversing manoeuvres to be controlled by a competent banksman / signaller. The banksman / signaller to be clearly visible to the driver at all times. Hi – visibility clothing to be worn by all persons within the Garage. Anyone who does not need to be in the reversing area to keep clear of all reversing operations. All reversing operations are to be well controlled and performed at a low speed i.e. 5mph. Reversing alarms, camera (where fitted) and flashing beacons to be used at all times. All reversing aids i.e. alarms, beacons and cameras to be adequately maintained. 	2	3	6

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	<i>Related to hazard identified</i>	<i>Persons at risk from identified hazards</i>	<i>X</i>	<i>Y</i>	<i>R</i>	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	<i>X</i>	<i>Y</i>	<i>R</i>
Inhalation of Vehicle Exhaust Fumes, Dust & Welding Fumes	Loss of Consciousness, Lung Disease, Irritation, Breathlessness, Cancer, Mesothelioma	Persons working within the inspection pit and those in the vicinity	4	4	16	<ul style="list-style-type: none"> Works which require welding or tasks which create fumes should be undertaken from a ramp or ground level where possible, where this is not practicable the following controls should be implemented: Vehicles must not be running where persons are working within the inspection pits. Local Exhaust Extraction (LEV) / Ring Main System to be used to remove residual emissions which may be present within the pit prior to entry. Local Exhaust Ventilation (LEV) to be used when carrying out service / repair work where possible. Engines not to be run in enclosed areas for extended periods of time without suitable exhaust ventilation system in place. Where possible vehicles to be run outdoors Air quality within the pit to be tested prior to entry and throughout works where vehicle engines have been running within the work area. The use of Respiratory Protective Equipment (RPE) / Disposable face coverings may be required when carrying out tasks where there is a high possibility of dust exposure i.e. clutch / brake repairs. Surfaces areas with the potential for dust becoming airborne to be damped down prior to work. Use a HEPA filter-equipped vacuum to remove visible dust from surfaces. Brushes / air lines must not be used to clear / move dust Clean all surfaces to be worked on to ensure that they are free from grease and other contaminants as these can increase the amount of fume generated. 	2	4	8

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	<i>Related to hazard identified</i>	<i>Persons at risk from identified hazards</i>	<i>X</i>	<i>Y</i>	<i>R</i>	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	<i>X</i>	<i>Y</i>	<i>R</i>
Illness / Injury (Retrieval / Rescue)	Persons becoming incapacitated or unable to leave the inspection pit unaided	Persons working in the inspection pit and those involved in the rescue	3	4	12	<ul style="list-style-type: none"> Emergency procedures for the evacuation of any persons incapacitated within the pit. Emergency response team on site – Fabrication Workshop (Next Door) and within the Factory. Under NO circumstances must staff enter the pit following staff losing consciousness when working in the inspection pit. Suitable first aid provisions to be available in the vicinity. First aider / appointed person to be on site at all times. Defibrillator situated within the Weighbridge. 	2	3	6
Fire / Explosion (Ignition of Flammable Vapours)	Burns sustained due to fire within the pits	Persons working within the inspection pit and those in the vicinity	4	5	20	<ul style="list-style-type: none"> Pit work on non-diesel fuel tanks / systems is not permitted. Hot work on or near any tank or fuel line (including diesel) is not permitted. Suitable fire extinguisher to be available in the vicinity. Amount of combustible materials in the pit to be kept to a minimum. Suitable emergency / evacuation procedures to be developed and communicated to relevant persons. All gas equipment / hoses etc. to be checked to ensure it is serviceable and free from defects before use. Any defective equipment to be removed from use immediately. Electrical equipment used in and around pits should be suitably rated for the environment (potentially containing fuel / flammable substances and vapours). Avoid storing / using LPG heaters / LPG devices in and around the pit. 	2	4	8
Noise	Noise causing acute and chronic hearing injury	All persons working in the garage	4	4	16	<ul style="list-style-type: none"> All power tools to be maintained and serviced as per the manufacturer's recommendations. Personal Protective Equipment (PPE) provided to be worn when carrying out tasks which are unduly noisy or where noise persists over a sustained period of time. 	3	2	6