

## RISK ASSESSMENT

Assessment Title:	<b><i>Use of Dump Trucks (Front / Rear Tipper)</i></b>	Reference Number:	<b>OPRA002.01</b>
		Company Name:	<b>Oakbank Plant Hire</b>
		Department / Location:	<b>Oakbank Plant Hire</b>

### Risk Assessment Matrix

Risk Ratings Highlighted in 'Orange' are to be discussed– potential improvements. Risk Ratings Highlighted in 'Red' need immediate action.

<i>Risk = Likelihood x Consequence (Multiply 'X' axis by 'Y' axis)</i>		<b>Consequence (Y)</b>	<i>Catastrophic (5)</i>	5	10	15	20	25
1 – 4	<i>Acceptable</i>		<i>Major (4)</i>	4	8	12	16	20
5 – 9	<i>Adequate</i>		<i>Moderate (3)</i>	3	6	9	12	15
10 – 15	<i>Tolerable</i>		<i>Minor (2)</i>	2	4	6	8	10
16 – 25	<i>Unacceptable</i>		<i>Insignificant (1)</i>	1	2	3	4	5
			<i>Remote (1)</i>	<i>Unlikely (2)</i>	<i>Possible (3)</i>	<i>Probable (4)</i>	<i>Certain (5)</i>	
<i>Likelihood (X)</i>								

*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>	X	Y	R	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	X	Y	R
Dumper Movements	Collisions between the dumper and persons, structures or vehicles	Site operatives, contractors, visitors, any-one in the vicinity	4	4	16	<ul style="list-style-type: none"> <li>Only authorised fully trained operators are permitted to operate Dumpers on site</li> <li>Construction sites to be restricted to authorised personnel only</li> <li>Dumper Operator must perform checks for pedestrians / other vehicles prior to any movements and be aware of persons on site and in the immediate vicinity</li> <li>Banksman / signaller to be utilised where required.</li> <li>All signalling components to be functional (indicators, flashing beacons, horn) and utilised as required</li> <li>All staff required to work within the area must wear the appropriate Personal Protective Equipment (PPE) - hard hat (where required) &amp; hi – visibility clothing</li> </ul>	2	4	8
Dumper Overturning	Overturning of Dumper potentially causing crushing of persons	Dumper operator, on-site operatives and any persons in the vicinity	4	4	16	<ul style="list-style-type: none"> <li>Dumper must only operate in the maximum gradients defined within the operator's manual</li> <li>Ground condition to be assessed to ensure a stable base can be provided</li> <li>Dumper operator to be aware of any steep edging / drops on site, measures to be taken to restrict access to these areas (signs / barriers)</li> <li>Where required stop blocks to be positioned a safe distance from excavations</li> <li>Dumper must NOT travel when the bucket is in a raised position</li> <li>Dumper truck to be fitted with roll-over protection</li> <li>Operators to wear seat belts at all times when using Dumper</li> <li>Dumpers must not be overloaded or be operated above their Safe Working Load (SWL)</li> </ul>	2	4	8
Loading / Unloading Skip	Dumper overturning due to uneven load, persons being injured / crushed during loading / unloading operations	Dumper operator, on-site operatives and any persons in the vicinity	3	4	12	<ul style="list-style-type: none"> <li>Dumper to be parked on flat solid surface during loading</li> <li>Operators to exit the Dumper during loading and remain a safe distance</li> <li>Loads to distributed evenly throughout the skip and should not be filled above the top edge</li> <li>Operators to ensure the area is clear prior to unloading the contents of the skip</li> </ul>	2	4	8

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	<i>Related to hazard identified</i>	<i>Persons at risk from identified hazards</i>	X	Y	R	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	X	Y	R
Refuelling Operations	Fire / Explosion	Dumper operator, anyone in the vicinity of fuel	4	5	20	<ul style="list-style-type: none"> <li>Refuelling to be carried out in designated area only.</li> <li>No smoking and all naked flames prohibited in the area of refuelling operations.</li> <li>Refuelling to be carried out by trained competent staff.</li> <li>Allow components that operate at high temperature to cool before starting fuelling operations.</li> </ul>	2	4	8
Whole Body Vibration (WBV)	Health risks including severe back pain	Dumper operator	3	4	12	<ul style="list-style-type: none"> <li>Dumper truck to be regularly serviced and maintained in accordance with manufacturer's guidelines.</li> <li>Operator to adjust the seat position to ensure that the back is provided with adequate support whilst ensuring all controls can be operated comfortably.</li> <li>Adjust the seat suspension to suit the operator weight. (If available).</li> <li>Dumper to be driven at a speed to suit the prevailing ground conditions.</li> <li>In cases of excessive vibration levels, managers to investigate improved ways of working, including job rotation to limit exposure time.</li> </ul>	2	3	6
Inclement Weather	Obscured view leading to the potential for human error, heat or cold weather-related ailments	All persons working outdoors during excavator operations	4	2	8	<ul style="list-style-type: none"> <li>Forecast to be checked prior to any operations.</li> <li>Task to be re-assessed for extreme weather conditions.</li> <li>Machine to be suitable for work in adverse weather.</li> <li>Operator to be supplied with adequate Personal Protective Equipment (PPE) for adverse weather.</li> <li>Task to be temporarily suspended where weather conditions may impact on the health &amp; safety of those involved</li> </ul>	3	2	6