

RISK ASSESSMENT

Assessment Title:	Refuelling Operations	Reference Number:	OPRA007.01
		Company Name:	Oakbank Plant Hire Ltd
		Department / Location:	Oakbank Plant Hire Ltd

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	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>	X	Y	R	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	X	Y	R
Fire / Explosion	Burns or death due to exposure to extreme heat from fire or explosion	Persons completing re-fuelling task and those in the vicinity	4	5	20	<ul style="list-style-type: none"> Refuelling operations to take place in designated well-ventilated area. Vehicle / Plant to be isolated and placed in neutral with the handbrake applied, ignition off and keys removed where applicable. Foreign items should not be used to lock the trigger in the 'on' position. No smoking, naked flames or ignition sources (such as mobile phones) to be in the vicinity of refuelling task. Persons must not re-enter the vehicle / plant during refuelling. Persons must not overfill the vehicle / plant tank beyond its capacity. Suitable firefighting equipment to be available in the refuelling area. Persons performing refuelling task must observe and adhere to safety signage which is displayed in the area. Material Safety Data Sheets (MSDS) to be available for fuel. Fuel held in double skinned tanks or tanks in a bunded area. In the event of a refuelling fire, leave the nozzle in the vehicle's filler neck and move away from the vehicle. 	2	5	10
Petrol & Diesel / Red Diesel	Dermatitis and other skin diseases.	Persons re-fuelling or handling fuels	4	3	12	<ul style="list-style-type: none"> Assessments to be carried out under the Control of Substances Hazardous to Health (COSHH) and product Material Safety Data Sheets (MSDS) retained. Suitable gloves to be available and worn by persons during refuelling tasks. Contact with contaminants onto exposed skin must be washed off immediately. Laundered clothes / overalls & PPE must be changed regularly. Welfare facilities to be available and well maintained. Good hygiene standards to be used at all times. 	2	3	6

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
Slips, Trips & Falls (Spillages / Obstruction)	Slippery surface causing slips or obstructions causing trip and falls leading to personal injury	Persons completing re-fuelling task and those in the vicinity	4	3	12	<ul style="list-style-type: none"> All fuel hoses / lines to be routed to prevent trip hazards. Absorbent granules (dry sand) - Spillages must be cleaned up immediately – using the absorbent materials to stop run off. Known trip hazards should be removed or highlighted to indicate the hazard. Tanks to be filled slowly to avoid spilling materials, caps to be replaced following. Regular cleaning to be carried out of pumps and area around pumps (particular attention around diesel). All staff to wear steel toe capped footwear with sufficient grip when refuelling on site. Signage erected within the area warning persons that the area may become slippery. 	2	3	6
Workplace Transport	Collisions with persons, vehicles / plant, structures or equipment	Persons completing re-fuelling task and those in the vicinity	4	4	16	<ul style="list-style-type: none"> Site speed limits displayed at site entrance points; traffic routes clearly displayed. To be adhered to by all staff. Drivers / Operators to be vigilant of pedestrians within the vicinity and known crossing points. Fuel tanks, pumps to be suitably protected from impact damage. Parking areas clearly defined within refuelling areas. Hi – visibility clothing to be worn by all operatives in the general vicinity of refuelling operations. 	2	3	6
Inclement weather – snow, ice, rain etc	Increased risk of slips and falls and potential obscured view leading to the potential for human error	Persons completing re-fuelling task and those in the vicinity	3	3	9	<ul style="list-style-type: none"> Refuelling area to be cleared of snow, ice and pooling, gritting to be carried out where required. Grit / salt to be added regularly in freezing conditions. All staff to wear steel toe capped footwear with sufficient grip when refuelling on site. 	2	2	4