

RISK ASSESSMENT

Assessment Title:	Quick Hitch Equipment	Reference Number:	OPRA003.01
		Company Name:	Oakbank Plant Hire
		Department / Location:	Oakbank Plant Hire

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>		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>	X	Y	R	<i>Existing controls measures implemented when carrying out task or using associated plant / tooling</i>	X	Y	R
Operator Competence or Error (Incorrect set up)	Mistakes occurring as a result of lack of competence leading to accidents and personal injuries	Operator and any persons in the general vicinity of hitching / unhitching operations	3	3	9	<ul style="list-style-type: none"> All employees and others involved must be trained & competent in using quick hitch equipment Clear instructions must be given prior to the commencement of hitching or unhitching All persons involved to be fully briefed on the safe place to work or stand when near plant Staff to read and understand all applicable risk assessments and safe systems of work Adequate supervision to be maintained at all times 	2	2	4
Hitching & Unhitching	Potential crush injuries to hands & fingers, impact injuries resulting from moving lifting arm	Operator and any persons in the general vicinity of hitching / unhitching operations	4	3	12	<ul style="list-style-type: none"> Plant to be fully isolated prior to hitching / unhitching <ul style="list-style-type: none"> Handbrake fully applied Make sure all controls and equipment are left safe Stop the engine Remove the Key Before leaving your seat When anyone else approaches Anyone is working on the machine Where assistants are involved in the operation agree a Safe System of Work before operations commence and make sure everyone follows it. Ensure that the hitch system is compatible between the plant and attachments Only use controls from operating position Operators to ensure the area is clear before moving boom / arm into position, clear signalling to be given to any persons assisting in the hitching or unhitching operation prior to entering the area Plant to be isolated during coupling process, operators to remove keys from the ignition during coupling / uncoupling process to prevent unintended start up Only suitably load rated pins specific to the plant / attachment to be used Checks to be undertaken to ensure the attachments are secure prior to operation 	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>
Workplace Transport	Moving Vehicles	Plant operators and all other persons on site	3	4	12	<ul style="list-style-type: none"> Operators to check for pedestrians and vehicles in the vicinity prior to starting the ignition and manoeuvring or when exiting the cab Plant to be operated at low speeds when manoeuvring around the site Where required sound the horn to warn persons of plant movements Hi - visibility jackets or vests to be used at all times 	2	3	6