



**Rivisio Limited**

**Risk Assessment**

<b>Rivisio Doc Ref No.</b>	RL-RA0000-Master	<b>Rivisio Doc Ver No.</b>	1.0	<b>Date</b>	23 <sup>rd</sup> February 2026
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<b>CLIENT:</b> Wilton Engineering	<b>SITE:</b> Port Clarence
<b>PROJECT ID:</b> RL-RA00002	<b>ASSESSED BY:</b> Ken Robinson
<b>WORK/TASK:</b> Operation of Counterbalance Forklift Truck - Heavy Steel Fabrication	<b>APPROVED BY:</b>

**GENERAL COMMENTS - PLEASE INCLUDE ANYTHING THAT APPLIES IN ALL CIRCUMSTANCES, AND ANY SPECIAL CONSIDERATIONS**

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| <ul style="list-style-type: none"> <li>TBT to be undertaken with all operatives involved, must be understood and signed by ALL</li> <li>PPE is only ever to be used as a last resort</li> <li>All controls in this RA apply alongside any others, so existing PPE and operational measures must stay in place</li> </ul> | <ul style="list-style-type: none"> <li>Health and safety also relies on personal responsibility</li> <li>Daily TBTs and open-air safety briefings should reinforce adherence to controls</li> <li>No Part of this risk assessment may go ahead unless there is an Acceptable result for the RRF</li> </ul> |
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RISK MATRIX - SEVERITY X LIKELIHOOD							
SEVERITY DESCRIPTION		LIKELIHOOD DESCRIPTION		1 TO 4 ACCEPTABLE  5 TO 12 CAUTION ACCEPTABLE WITH RISK CONTROLS  15 TO 25 UNACCEPTABLE			
5	Severe - Fatality(s)	5	Very Likely			<b>SEVERITY</b>	5
4	Major - (RIDDOR)	4	Likely				4
3	Significant - (RIDDOR)	3	Possible				3
2	Minor	2	Unlikely				2
1	Insignificant	1	Very Unlikely				1
					<b>LIKELIHOOD</b>		

<b>RA Legend:</b>	<b>S = Severity</b>	<b>RF = Risk Factor</b>		<b>RES = Result</b>	<b>ACT = Action By</b>	<b>SUP = Supervisor</b>
	<b>L = Likelihood</b>	<b>RRF = Risk Reduction Factor</b>		<b>A = Acceptable</b>	<b>SHE = HSE Dept.</b>	<b>OPS = Operatives</b>
<b>Hazards to Consider</b>	Fire/Explosion	Spillages	Hot/Cold Surfaces	Lighting	Flammable Liquids	Lifting Equipment
	Mobile Equipment	Sharp Edges	Contractor/Competence	Falling Objects	Housekeeping	Slips/Trips/Falls
	Working at Height	Persons i/c	Storage of Materials	Environmental	Lift plans	Electrical

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No	Work/Task	Hazard	People in Danger	S	L	RF	Controls	RRF	RES	ACT
1	Collision with Pedestrians / Other Vehicles	Pedestrians, operators, other vehicle drivers	Forklift strikes worker or vehicle in fabrication bay/yard - fatal or serious injury	5	4	20	Designated pedestrian walkways with physical barriers Banksman/spotter required in congested areas Reversing alarm and flashing beacon fitted to FLT 5mph speed limit enforced throughout site Segregation signage displayed Pre-shift walkaround check completed and recorded	10	A	OPS, SUP, SHE
2	Overturning / Tip-Over of Forklift	FLT operator, nearby workers	Overturns due to overloading, cornering at speed or uneven floor - crush/fatality to operator	5	3	15	Operator trained and certificated (ITSSAR/RTITB) - certificate on file SWL placarded on FLT and never exceeded Mast fully lowered during travel Seatbelt worn at all times - operator brief Floor condition inspections carried out regularly No travel on gradients exceeding manufacturer limits	5	A	OPS, SUP, SHE
3	Dropping / Falling	Operators, banksmen,	Steel sections, beams or plate fall from forks	5	3	15	Load assessed and weight confirmed	10	A	OPS, SUP,

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	Load (Heavy Steel)	nearby workers	- struck-by injury or fatality				before lift Load correctly positioned and secured on forks Forks fully engaged under load before lifting Safe exclusion zone maintained below/around raised load No persons to pass under raised load at any time Load backrest extension fitted Operator trained in load stability assessment			SHE
4	Exhaust Fumes / Carbon Monoxide (Diesel FLT)	FLT operator, all workers in building	Accumulation of CO/diesel exhaust in enclosed fabrication building - respiratory harm, incapacitation, death	4	3	12	Adequate ventilation maintained in building at all times Fixed CO detection system with audible alarm installed FLT engine not left running when stationary FLT engine maintenance up to date per PPM schedule Operatives briefed on CO symptoms and emergency procedure Preference to open roller doors during indoor FLT operations	8	A	OPS, SUP, SHE, Maint

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5	Slips, Trips and Falls On/Around FLT	FLT operator, pedestrians	Operator slips mounting/dismounting cab; pedestrian trips over forks or attachments - fractures, soft tissue injuries	3	3	9	Three-point contact maintained when mounting/dismounting cab Cab steps, handrails and footplates inspected pre-shift Hi-vis PPE worn by all pedestrians in FLT operating areas Forks lowered to ground when FLT parked or stationary Housekeeping maintained in FLT operating areas Wet/contaminated floor areas highlighted with warning signs	6	A	OPS, SUP
6	Contact with Sharp Edges / Steel Sections	FLT operator, banksman, slinging operatives	Contact with sharp steel edges, burrs or cut ends while handling loads - lacerations, puncture wounds	3	3	9	Cut-resistant gloves (EN388 Cat.3) worn by banksman during load securing/releasing Operator to remain in cab during lift operations Pre-use inspection of load for protruding edges or loose material Steel to be de-burred prior to handling where practicable Hard hats, safety boots and hi-vis worn at all times in bay	6	A	OPS, SUP, SHE



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<b>7</b>	Pre-Use Inspection Failure / Mechanical Defect	FLT operator, nearby workers	Defective FLT (brake failure, hydraulic failure, worn tyres) leads to loss of control or dropped load	<b>5</b>	<b>2</b>	<b>10</b>	Daily pre-use inspection completed and recorded (LOLER/PUWER compliant checklist) Defects reported immediately - FLT taken out of service until repaired LOLER thorough examination every 6 months (lifting accessories) / 12 months (FLT) Planned preventative maintenance programme in place with service records Defect log maintained and reviewed by supervisor weekly	<b>5</b>	<b>A</b>	<b>OPS, SUP</b>
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