



Risk Assessment Forklift Operations



Hazards Requiring Attention:

0

AS AT

Monday, 17 March 2025

Next Review

Tuesday, 17 March 2026

Total Hazards Recorded

12

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

11

Low Risk Hazards

1

Risk Matrix - Refer Procedure Hazard Identification

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Forklift Operations

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Forklift Operation	Lift Truck operator, staff, others in vicinity of Lift Truck operations	4	5	E9	1. Lift Trucks are driven only by licensed operators. 2. Lift Trucks are securely parked with ignition keys removed.	1	5	M6
Forklift Operations	Pedestrian Crush Injury	3	5	E9	1. Pedestrians are securely prohibited from entering Lift Truck operating area by use of barriers, marking of routes. 2. Audible/visual warning alarms fitted to Lift Truck. 3. Hi Visibility clothing worn by all persons in the operations area.	1	5	M6
Forklift Operations	Operator Crush Injury	3	5	H8	1. Lift Trucks not operated on unacceptably uneven surfaces. 2. ROPS installed. 3. Seat belts installed.	1	5	M6
Forklift Operations	Passenger Crush Injury	3	5	H8	Passengers prohibited.	1	1	L2
Forklift Operations	Vehicle / Vehicle Impact	3	4	H7	1. Lift Trucks are not used on public roads. 2. Where Lift Trucks are used outside the confines of buildings, vehicles are securely prohibited from entering Lift Truck operating area by use of barriers, marking of routes or warning devices.	1	4	M5
Forklift Operations	Lift Truck / Workplace Structure Impact	4	4	H8	1. Workplace and structural features which could be impacted by Lift Trucks are identified, marked and protected with impact barriers, signs etc. 2. Good levels of ambient lighting are maintained. 3. Lift Trucks operated by competent, licensed drivers.	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Forklift Operations	Impact from Falling Objects	4	5	E9	1. Lift Truck forks are not overloaded. 2. Loads are transported at low speeds with forks in lowered position. 3. Operation of Lift Trucks on uneven ground is avoided.	1	5	M6
Forklift Operations	Structural Collapse	3	5	H8	Workplace and structural features which could be damaged by Lift Truck operations such as fragile floors, drain / duct covers are identified, protected and / or marked.	1	5	M6
Forklift Operations	Noise Induced Hearing Loss	4	4	H8	1. Noise assessment carried out on Lift Truck operations. 2. Hearing protection provided as indicated by assessment.	2	4	M6
Forklift Operations	Fall from Heights. Persons Lifted by Lift Truck	3	5	H8	Persons are lifted only in approved, suitably guarded, purpose built cage securely fitted to the Lift Truck forks.	1	5	M6
Forklift Maintenance	Incorrect Operation	3	5	H8	1. Lift Trucks are routinely serviced in accordance with the Manufacturers recommendations. 2. Lift Truck battery maintenance carried out only by competent, authorised staff. 3. Routine operator checks are carried out with local records maintained.	1	5	M6

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Forklift Re-Fuelling	Fire/Explosion	3	5	H8	1. Lift Trucks are recharged / re fuelled in designated, well ventilated, secure areas. 2. Ignition sources controlled. 3. Fuel /gas bottles stored in designated areas.	1	5	M6