

Task Risk Control Sheet



Assisted Lifting

RCS No: NR/L3/MTC/RCS0216/GA06
Issue: 2

Key Risks !

- Failure of Loose Lifting Tackle
- Incorrect Slings
- Unexpected Movements

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	✓
Property	✓

Tools / Equipment None

Plant Telescopic, Materials Handler and Industrial Counter Balance Lift Trucks

Key Risks	Controls	Implemented By
Section A – Use of Loose Lifting Tackle – Loose Lifting Tackle includes: Chains, slings, ropes, straps, shackles, eye bolts and lifting beams		
Lifting Tackle -All Tasks	<ul style="list-style-type: none"> • A register of lifting tackle shall be maintained detailing dates of inspections, statutory inspections, maintenance, repairs, etc • Lifting tackle shall be subjected to a statutory inspection and a programme of planned preventative maintenance • Select the correct lifting tackle for the task, it shall be able to lift the required loads, within a given radius or reach • All staff involved in the use of cranes, including operators, controllers, banksman, signallers, slingers shall be trained and competent in those duties. • Operators and slingers shall perform pre-user checks prior to all lifts to check that all lifting equipment (including loose lifting tackle) is free from defects • An exclusion zone shall be set up to prevent staff/public walking under raised loads. 	Line Manager / Team Leader / All Staff / COSS
Lifting Tackle - Failure of Loose Lifting Tackle	<ul style="list-style-type: none"> • Loose lifting tackle shall be stored in a suitable environment to prevent damage, corrosion of metal ropes, etc • The Safe Working Limit shall be displayed on all lifting tackle with the last inspection date – Only in date lifting tackle shall be used • Tackle shall be compatible with the loads to be lifted • Changes to lifting tackle, such as shortening of ropes or chains shall only be performed by competent persons in a safe manner – a statutory inspection shall be performed after any changes to check that they are safe to use 	Line Manager Team Leader / All Staff / COSS
Lifting Tackle - Incorrect rigging / slinging of loads	<ul style="list-style-type: none"> • Loose lifting tackle shall be colour coded to identify its usage rating • Check correct selection and use of rigging points for lifting • Conduct a trial lift to confirm the centre of gravity for the load is correct • Use tag lines where necessary • Check that sharp edges are protected to prevent damage to ropes and slings – Wear gloves to protect hands from sharp edges 	Line Manager Team Leader / All Staff / COSS

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Section B – Use of Lift Trucks		
All Tasks – Lift Trucks	<ul style="list-style-type: none"> The operation and maintenance of lift trucks shall only be performed by persons trained and competent in their use Line Manager / Team Leader / All Staff All drivers / operators shall be subject to a pre-employment and periodic medical to assess medical restrictions for operation of lift trucks Medical issues shall be individually assessed to identify restrictions for operation of lift trucks 	
Lift Trucks – Young Persons	Young Persons (16 and 17 years old) are prohibited from operating lift trucks	Line Manager / All Staff / COSS / Team Leader
Lift Trucks Pre-Use Checks including: <ul style="list-style-type: none"> Battery acid Electricity Hydraulic Oil Brake Failure 	<ul style="list-style-type: none"> All lift trucks shall be subject to a planned preventative maintenance programme, including maintenance of electrical systems 	Line Manager
	<ul style="list-style-type: none"> To prevent battery acid splashes whilst filling batteries see Task Risk control Sheet NR/L3/MTC/RCS0216/GA12 – Working on or Near Batteries Only plant which is within inspection / maintenance dates shall be used A brake test on a level surface shall be performed before use and at a low speed Pre-use checks of tyres shall be performed to check that they are of the correct pressure and not damaged All defects shall be reported immediately and the plant shall not be used 	Team Leader / All Staff / COSS
Lift Trucks Loading and unloading vehicles / wagons including: <ul style="list-style-type: none"> Load loss Overloading Trapping Obscured views Lift equipment failure 	<ul style="list-style-type: none"> Loads shall be placed on forks correctly before any movement Loads shall not be pushed or pulled Only pallets in good condition shall be lifted – where pallets are defective then components shall be moved individually Loading / unloading shall be performed on level ground An exclusion zone shall be created and maintained around lifting operations and hard hats worn The weight of items to be lifted shall be assessed prior to lifting Only loads within the safe working limit of the lift truck shall be moved – Do not overload truck The rated capacity plate shall be complied with and where the rated capacity indicator is available this shall be operative Lift trucks shall be provided with suitable guarding to prevent inadvertent trapping in mechanisms If the lift truck is being used as a means of access then a properly designed platform shall be in place Visibility (forward and backwards) shall be maintained at all times and not blocked by the load – where forward visibility cannot be maintained then movements shall be performed in reverse, looking in the direction of travel If forward and reverse visibility is not possible then assistance shall be sought and all movements made using a banksman and back-to-back radios 	Line Manager / All Staff / COSS / Team Leader