

Risk Assessment Guidance

Title

Lifting Tackles

This risk assessment guidance has been produced for the care and safe use of hand chain blocks and is aligned to Section 2 of the LEEA Code of Practice for the Safe Use of Lifting Equipment.

Never overload the blocks or the supporting structure, red's, there is information on each stage of the loadings of the grid. Always ensure loads are spread when being lifted with multiple blocks, when multiple blocks are being used, make sure they are raised or lower evenly. Always ensure that loads being raised or lowered are safely secured before operating the lifting tackles and that they are within the safe working load of the individual blocks.

People should never be on anything being raised or lowered by the tackles; you must ensure that the area beneath the raised loads must be kept clear. This risk assessment excludes lifting with plant or lifting operations involving cranes.



Job Sequence	Hazard Identification	Controls
Pre-use checks	Unsafe operation of tackles and use of Strops.	<p>All lifts should be planned, particularly when lifting a single item with multiple tackles, ensure arrangements for clear communication with all those involved in the lift.</p> <p>Always check the weight of the load being raised or lowered, to ensure you don't overload the tackles or lifting beams.</p> <p>Planning the lifting operation is essential to ensure that the lift is carried out safely and efficiently. All operatives and supervisors must ensure that lifts are carried out in accordance with the lift plan.</p>
Failure or damaged lifting blocks	Test and inspection.	<p>Lifting tackles have all testing and inspections as required by the LOLER regulations and maintained registers and relevant documentation.</p> <p>If you identify a faulty block or damaged chains, report immediately – mark with tape and remove from use.</p> <p>If during the lift there are any problems with the operation of the block or failure of the block or chain, please report immediately. Ensure the trolley is correctly set for the beam width.</p>
Safe Use	Slings and strops.	<p>Never attempt lifting operations unless you have been trained in the use of the equipment and slinging procedures. Check the slinging arrangement that the block is safely rigged and that the chains are not twisted.</p> <p>Adopt safe slinging practices and follow the instructions for the safe use of the equipment used. Position the hook directly over the centre of gravity so that the line of pull is vertical.</p> <p>Do not use chain/wire rope to sling the load i.e do not wrap it round the load, back hook or choke hitch. Do not</p>

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	<p>Weight limits and loadings.</p> <p>Safe working zone.</p> <p>Moving loads using blocks.</p> <p>Complicated lifts.</p>	<p>lift on the point of the hook or overcrowd the hook with fittings.</p> <p>Never attempt to lift or lower more than the marked SWL, when using the chains if abnormally high effort is required or if the load slips this is an indication that the load is too high. STOP and CHECK!</p> <p>Never allow people access below the load when being raised or lowered, if somebody walks beneath, they should be asked to move or walk round, and the lift stopped until the area is clear. It is forbidden for anybody to ride a load being raised or lowered.</p> <p>Push rather than pull loads suspended from lifting tackles, avoid sudden movement or undue effort in pushing the load which can cause the load to swing.</p> <p>Check the load is free to move before commencing and that the landing area has been prepared. Raise the load just clear then halt the lift to check the integrity of the block slinging method etc.</p> <p>Check the travel path is clear and that you have a clear view so as to avoid accidental hook engagement or collision.</p> <p>Where there are multiple blocks being used to raise, lower or move a load there must be a person responsible for coordination and checking</p> <p>Never leave suspended loads unattended unless in an emergency then ensure the area is cordoned off and kept clear. Any flats, set pieces etc must be correctly secured prior to anybody being approved access.</p>
Personal Safety	Raising and lowering loads.	<p>Keep fingers toes etc clear when lowering loads, when pulling chains ensure you have a good footing and clear area to work.</p> <p>Nobody should be permitted below any raised load, if the suspended load is to be moved in position please check the route and clear all obstruction prior to starting the lift.</p>
First Aid	Accidents and incidents.	<p>Make sure you are aware of the first aid provisions in place.</p> <p>All accidents & near misses must be reported to your Supervisor</p>

Head of Department Approval:

All operatives working within this area must be made aware of this assessment and sign to confirm they understand the information provided.

The Head of Department must sign to confirm this risk assessment is suitable and sufficient for their activities and that the control measures above will be applied in practice.

Name	Signed	Date:

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Lifting Assessment

The below form must be completed for all lifts which include multiple tackles of large, unusual or awkward items.

Production		Stage	
Person Supervising the Lift		Name of Slinger	
Date of Assessment		Period of Lift	
Details of the Load			
Unbalanced		Multiple Tackles	Unusual Shape
			Large / Restricted
Brief Scope of Works			
Loads to be Lifted			
<p>Each tackle will have a man operating the tackle under the direction and control of Lee Hunt (HoD Rigger) who will check all strops and position prior to lift commencing, he will be in constant communication to ensure the lift is even and the section being lifted does not swing or slip.</p>			
Lifting Points			
Safety Arrangements			
<p>This document and risk assessment will be shared with all those involved in the lift and a briefing prior to the lift starting which will include planned sequence, individual roles and arrangements for emergency stop. They will sign once they have the opportunity to read and ask any questions. All crew involved in the lift have experience of raising this type of load.</p> <p>Everybody involved with the lift must wear suitable safety footwear and high-vis vest, nobody will be below the lift during this operation. The area will be checked prior to the lift commencing and barriers off to prevent unauthorised access. All those involved in the lift will be spotters to ensure nobody enters the area below the set piece once raised</p> <p>There will be direct and clear communication with all those involved to ensure the lift is even across all shackles to avoid twisting or damaging the section being raised. As the set piece is raised off the ground there will be extra care taken to ensure the load will not swing.</p> <p>Nobody will be permitted to ride the set piece being raised or access it until it has been secured into position by the carpenters. The HoD rigger will check with the carpenters before the load is released.</p> <p>The HoD rigger will review all strops and their positions prior to lift commencing and ensure they are connected to structural / lifting points.</p>			
Lift Supervisor	Name	Sign	Date:

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Persons Involved with the Lift

I have read the above risk assessment and lifting assessment and understand and will comply with the arrangements in place. If I have any concerns or questions, I will raise them with the person supervising the lift.

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