

SAFE SLINGING PRACTICES

General Safety Points

1. There must be a fixed system of signaling, clearly understood by operator and others.
2. Only an authorized person should give the signals. The loads must be properly slung to prevent slipping.
3. Do not leave loads suspended.
4. Do not drop freely, snatch, lift or shock load.
5. Do not swing loads into position, they must be straight lifted.
6. Temporary ladders to cabins must be lashed.
7. Test the load before making the full lift, never exceed the safe working load of the crane and avoid over winding.
8. Make sure that it is safe to commence lifting and that all personnel are clear of the load.

Safety Hints for Mobile Crane Operators

1. Before starting, make sure that all controls are in neutral.
2. Ensure that the safe load indicator is working satisfactorily.
3. Check all round visibility and note any particular hazards such as overhead power lines.
4. Make sure that your emergency escape system is in working order.
5. Ensure that youth hook is clear of obstructions before you move it.
6. Hoist, lower and traverse smoothly to prevent the load swinging.
7. Make sure that the fire extinguisher is in proper place and that the operator knows how to use it.
8. Never allow unauthorized person to operate your crane.

Safety Instructions for Chain Pulley Blocks

1. Inspect the load chain regularly.
2. Inspect the anchorage of load chain on the body of the chain pulley block.
3. Inspect the condition of pawl and ratchet.
4. Never overload chain pulley block.
5. Inspect hook condition.
6. Inspect the limit switch regularly.

Safety Instructions for Wire Rope Hoist

1. Inspect the wire rope regularly.
2. Inspect the limit switch regularly.
3. The anchorage of wire rope on the body of hoist should be proper and the bull dog clamps should be properly fitted.
4. Never overload the hoist.
5. The hook should be in proper condition without wear.
6. The part of the rope on the equalizer shear should be in good condition and should be inspected regularly.
7. The emergency stop button should be working properly.
8. The push button box of the hoist should be of low voltage.
9. Inclined loading or dragging of load should be avoided.
10. The safe working load should be clearly marked on the hoist.
11. The hoist should be examined once in a year by a competent person.

Safety with Lifting Tackles (Chain Slings, Wire Rope Slings etc.)

1. Never overload any lifting tackle.
2. Get the lifting tackles examined by competent persons every year.
3. Use the lifting tackles properly on the load.
4. Do not use damaged tackles.
5. Do not use any tackle without safe working load marked on it.
