



Schedule of common lifts

MESH REINFORCEMENT

REINFORCEMENT BARS

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OPEN STILLAGE

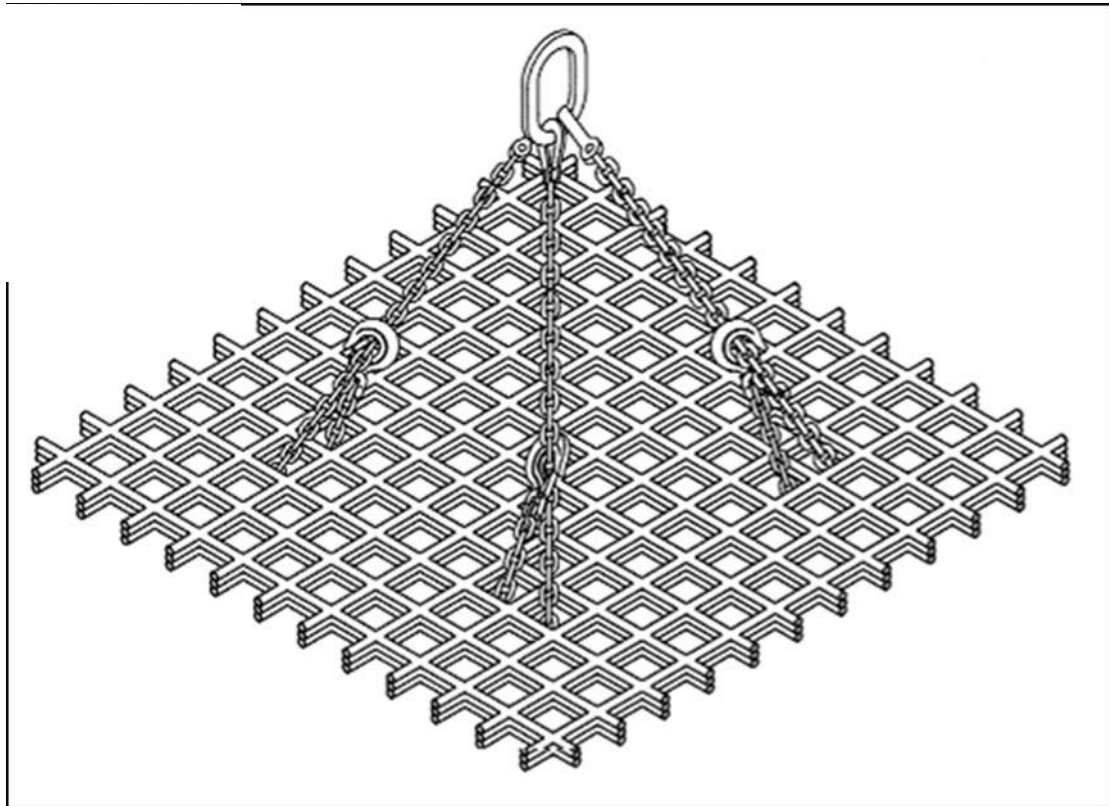
PALLETISED MATERIALS

COLUMN AND WALL FORMWORK

CONCRETE BLOCKS



MESH REINFORCEMENT



Load Type	Pack
Load Description	Sheets
Lifting Accessory	4 Leg Chains
Ancillary Equipment	None
Slinging Method	Chain Slings Passed through bottom layer of mesh choke hitched
Alternative	None
Safety Restrictions	Ensure correct lifting tackle has been selected and check for any load movement on test lift.

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



REINFORCEMENT BARS



Load Type	Bundle
Load Description	Various length loads
Lifting Accessory	2 Leg Chain
Ancillary Equipment	None
Slinging Method	Double wrapped and choked
Alternative	None
Safety Restrictions	Look for any signs of load movement on check lift
Reinforcement bars Approx weights per metre run 12mmØ = 0.9kgs/m 16mmØ = 1.6kgs/m 20mmØ = 2.5kgs/m 25mmØ = 3.9kgs/m 32mmØ = 6.3kgs/m 40mmØ = 9.9kgs/m	Bundles have weights on delivery tickets – LOOK BEFORE YOU LIFT Double wrapped two leg chain slings DO NOT USE BUNDLE TIES TO LIFT Note: To be co-ordinated with crane supervisor. If chains cannot be passed underneath due to stacking – lift on bundle ties high enough to place a timber bite beneath to allow chains to be passed around the load.

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



REBAR CONTINUED



Rebar is double wrapped and choked when lifted to help prevent slips occurring



Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



PLYWOOD



Load Type	Loose load (Timber)
Load Description	Typical load, rigid sheets such as Plywood
Lifting Accessory	Webbing slings or chains double wrapped
Ancillary Equipment	Tag line to aid control
Slinging Method	Double Wrap to avoid slippage. The load must be level for uniform loading Sleeves or secure packing should be used to avoid damaging materials or slings
Alternative	None
Safety Restrictions	Where choked, the SWL is reduced (20% or more – Check with your Crane Supervisor). Webbing slings must be protected from sharp edges, not be worn, have cuts or any damage Always use tag lines.

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



SCAFFOLD BOARDS



Load Type	Loose load (Timber)
Load Description	Scaffold boards
Lifting Accessory	Webbing slings or chains
Ancillary Equipment	None
Slinging Method	Double wrap to avoid slippage. The load must be level for uniform loading
Alternative	None
Safety Restrictions	Where choked, the SWL is reduced (20% or more – Check with your Crane Supervisor). Webbing slings must be protected from sharp edges, not be worn, have cuts or any damage. Always use tag lines.

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



SCAFFOLD TUBES



Load Type	Loose load
Load Description	Scaffold tubes
Lifting Accessory	Webbing slings or chains
Ancillary Equipment	Tag lines
Slinging Method	Double wrap to avoid slippage. The load must be level for uniform loading.
Alternative	None
Safety Restrictions	Webbing slings must be protected from sharp edges, not be worn, have cuts or any damage. The load must be level for uniform loading If tubes are different lengths, ensure both slings are choked inside each end of all tubes

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



FORMWORK PROPS

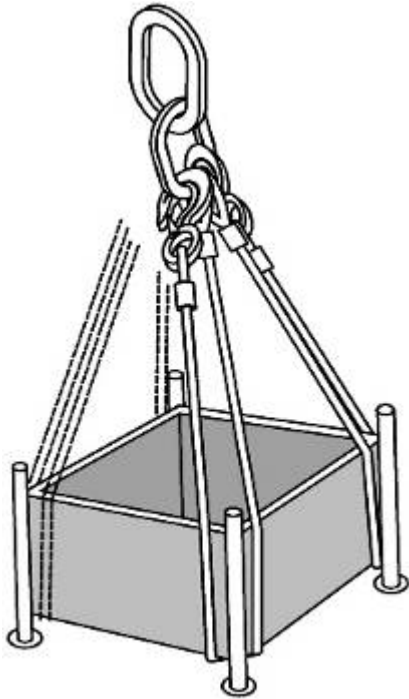


Load Type	Plant and equipment
Load Description	PERI Sky deck Multi Props
Lifting Accessory	Webbing Slings / Chain slings
Ancillary Equipment	Tag lines
Slinging Method	Double wrap to avoid slippage. The load must be level for uniform loading. If props are different lengths, ensure both slings are choked inside each end of all props
Alternative	None
Safety Restrictions	Look for any signs of load movement on check lift Ensure slings are protected from any sharp edges

Note: if you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0 – 90 degrees



STILLAGE BINS



4 Leg Method



2 Leg Method

NB: chains wrap round Legs to avoid slippage

Load Type	Loose load
Load Description	Stillage bins
Lifting Accessory	Chain slings
Ancillary Equipment	Tag line
Slinging Method	Two leg chain slings wrapped around corner posts and choked. 4 leg chain method wrapped round 4 legs and linked back to master link as per sketch.
Alternative	Webbing slings double wrapped or 4 leg method as illustrated
Safety Restrictions	Ensure stillage is loaded within capacity Check stillage for impact damage Beware of rusted bases Prevent damage to webbing slings

Note: If you choke a chain or webbing sling you must de – rate SWL by 20% and only use chains from 0° - 90°



LORRY TYPE RUBBISH SKIPS

Method:

- **Skips must be marked as tested & certified for lifting.**
- Use 4 leg chain slings 6.7t SWL fitted with special keyhole plate attachments or attached to certified and approved lifting lugs.

Precautions:

- Never lift waste skips which are not approved for lifting.
- Skips that can be lifted are identified in Lifting Operations Plan.
- Beware of overloaded skips. If in doubt, don't lift.
- Skips should be netted, or lids closed during lift.
- Beware of rusted floors. If in doubt, don't lift.





**Skips may be fitted with specific lifting points for crane use.
Skip suppliers must provide all test certs for these additional lifting points.**

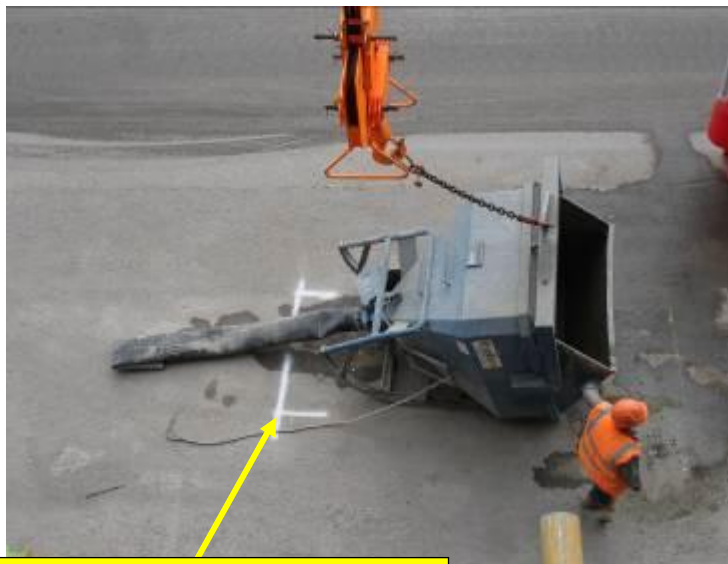
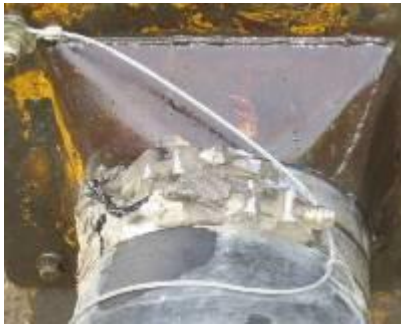




CONCRETE SKIP



Double jubilee clips & fall arrest chain if tremmie tube fitted



Good practice to mark landing zone for skips



Method:

- Use only single leg drop chain 8t SWL

Precautions:

- Skips approved for lifting & identified in Lifting Plan
- Never lift directly with the crane hook
- Beware of overloaded skips - If in doubt, don't lift
- Beware of rusted floors or loosely fitting traps
- Chute pipe with chain attached to skip frame to avoid fall
- Chute pipe to have discharge end secured to upper edge of skip
- Chute pipe connecting pin must be locked in place before concrete skip is moved/ loaded.
- **Check Lifting TAG before Use**

Load Type	Skip
Load Description	Concrete skip various sizes
Lifting Accessory	Certified Single leg drop chain
Ancillary Equipment	None
Slinging Method	Connect single leg drop chain to lifting point on skip
Alternative	None
Safety Restrictions	Remove all loose materials before slinging load.
Note: Fold chute up onto skip or fold end of chute and secure with wire	





BOAT SKIP



Load Type	Boat Skip
Load Description	Skip various sizes
Lifting Accessory	Certified Single leg drop chain
Ancillary Equipment	Fixed lifting point
Slinging Method	Connect single leg drop chain to lifting point
Alternative	None
Safety Restrictions	Do not lift skip if materials are stacked above top level of boat skip hull. Ensure netting has been attached Beware of rusted base/overloaded skips. Remove all loose materials before slinging load.



OPEN STILLAGE



Photo shows method only, safety
hooks should be used

Load Type	Loose load
Load Description	Open Stillage
Lifting Accessory	Webbing slings or chains
Ancillary Equipment	Tag line
Slinging Method	Where possible, lift load and stillage separately. Where lifting together, two leg chains / strops double wrapped around both load & stillage.
Alternative	None
Safety Restrictions	Webbing slings must be protected from sharp edges, not be worn, have cuts or any damage. The load must be level for uniform loading If tubes are different lengths, ensure both slings are choked inside each end of all tubes



Palletised Material: -



Load Type	Palletised Material
Load Description	Varies on materials – should all be secure
Lifting Accessory	Drop Chain with cage or forks/net
Ancillary Equipment	Tag line
Slinging Method	Drop chain attached to pallet forks in designated lifting eye
Alternative	None
Safety Restrictions	Ensure equipment is in good order Select suitable size net in relation to the smallest item.



Column and Wall Shutters: -



Load Type	Column and Wall Formwork
Load Description	Proprietary formwork panels
Lifting Accessory	Drop Chain with certified lifting clamp for the panel.
Ancillary Equipment	Tag line
Slinging Method	Drop chain attached to formwork clamp
Alternative	None
Safety Restrictions	Ensure equipment is in good order Chains to be securely attached to the lifting points Beware of loose concrete and debris before lifting



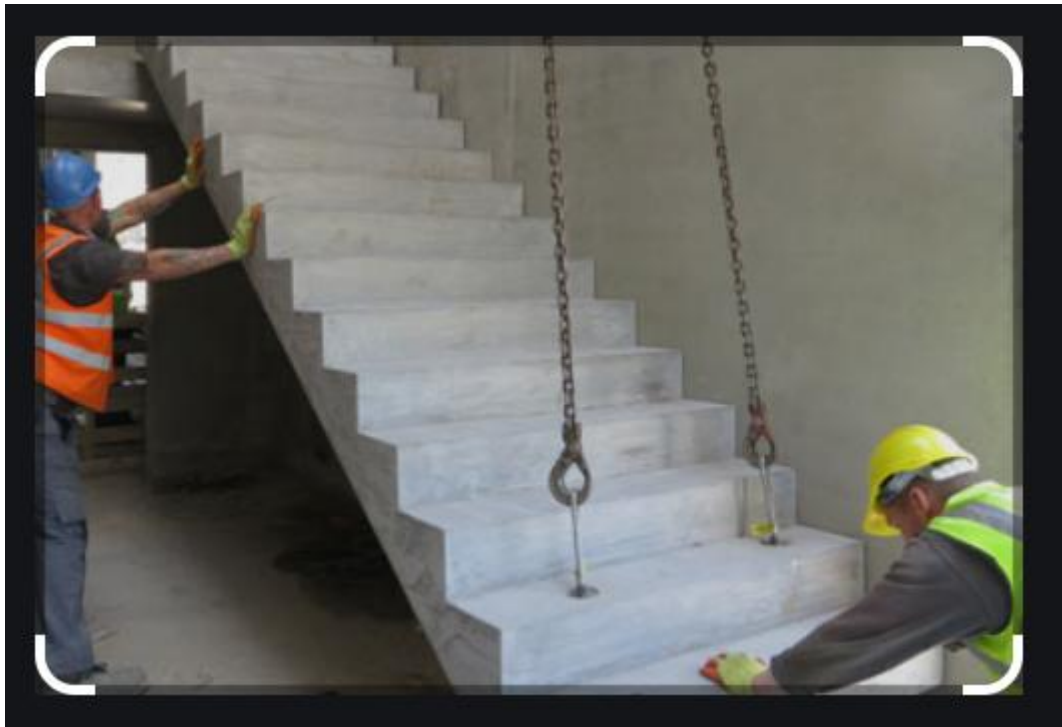
Concrete Blocks



Load Type	Concrete Blocks
Load Description	Full grab of concrete blocks
Lifting Accessory	Drop Chain with certified block grab and net
Ancillary Equipment	Tag line
Slinging Method	Drop chain attached to block grab with net installed prior to lifting overhead
Alternative	None
Safety Restrictions	Ensure equipment is in good order Chains to be securely attached to the lifting points Beware of crush points with hands when grabbing load



Pre-Cast Stairs: -



Load Type	Pre-Cast Concrete stairs
Load Description	Solid items with lifting points supplied within unit
Lifting Accessory	Certified lifting clutches
Ancillary Equipment	Tag line
Slinging Method	Certified lifting clutches attached to lifting points of stairs
Alternative	None
Safety Restrictions	Ensure equipment is in good order Chains to be securely attached to the lifting points Beware of crush points with hands when slinging stairs



Additional information: -

Load	Method
Concrete or muck skip.	Skip chain 3.17t Ensure that any rope fixed to skip is of singular construction and is free of all knots and loops.
Boat Skip /Rollover skip	Skip chain 3.17t
Bundles of tubes, bars or other similar materials, e.g.. scaffold tubes, bars, small diameter pipes, lengths of timber, etc. – whether banded or not.	4 leg 6.7t chains, load to be double wrapped
Reinforcement Bar	Wrapped 4 leg chain slings. Ensure that bars to be lifted are of equal length
Flying Table Platforms	Four leg chains passed through pre prepared holes on top of platform and wrapped around upper platform alums or steel supports. Use C frame where possible.
Palletised materials.	Crane forks with cage or net. Fork Lift Truck. Web Slings will be used for palletised material
Stillages	4 leg chain slings wrapped around corner posts as per Guide to Safe Slings and Signalling Beware rusted base. Fork Lift Truck.
Lorry type rubbish skips.	Must be tested and certified if lifting lugs are used <i>or</i> with steel box sections under skip and spreaders Beware of rusted floors/overloaded skips.
Wood Bundles	Wrapped with 4 leg chain slings. Ensure wood to be lifted is of equal length and bites are in place.
Column shutters	Chain to be attached to lifting eyes and ensure that the lifting operation is conducted within safe wind speeds as per L.O.L.E.R REGS.
Small plant ie compressors, bowsers etc	Chains to be attached to certified lifting eyes only 8t drop chain.
Prefab Re Bar Cages	Chains to be attached to double tied removable thickened re bar special care must be taken to ensure integrity of the load.