

Toolbox talks

Concrete skips lifted by crane

(In addition to normal lifting precautions)

INCLUDING COLUMN SKIPS, ROLLOVER SKIPS, TWIN FLOW SKIPS AND CONE FLOW SKIPS

Hazards:
<ul style="list-style-type: none"> • Uncontrolled/unintended discharge of concrete • Release of hardened concrete from the rubber tremmie during lifting • Collision with fixed objects including working platforms • Failure of the lifting bale and attachments to skip • Trapping of hands and fingers in the skips mechanisms • Grout discharge during lifting.
Health and safety points:
<ul style="list-style-type: none"> • Skips must be inspected prior to use and every six months by a competent person • Ensure skip free of loose concrete before lifting • Skips must only be hitched/unhitched and directed by competent slinger/signallers • Skips should only be stored, lifted and landed to and from a firm level surface, if stored vertical a suitable stable framework must be erected and the skip secured against toppling • A suitable drop chain must be used and only hitched to the lifting bale of the skip • A short tag line is recommended on the foot of the skip to assist in the final positioning • Ensure that the rope of a rope operated shutter skip does not snag and accidentally discharge the contents • Ensure prior to lifting safety chains/locking devices are operated to avoid accidental discharge • Ensure rubber tremmie pipes are doubled back and secured into the transport bar to avoid residue/ledged concrete displacement during lifting • Ensure shutters are fully closed before hoisting to avoid grout release even following discharge • Do not attempt to remove blockages or clean the shutter area without first securing and locking the shutter mechanisms • Ensure after use skips, tremmie pipes and operating mechanisms are washed out in particular the tremmie to avoid set concrete ledging in the pipe • It is recommended that areas of the skip liable to be contaminated with concrete are treated with mould oil or release agent before use.
Question time:
<p>Q What must be secured prior to hoisting to avoid accidental shutter release?</p> <p>Q Why should rubber tremmies be fully cleared and washed out at use/day end?</p> <p>Q When should skips be inspected and by whom?</p> <p>Q What should you do before removing any blockages?</p>
Have you got any questions?
Record questions on the attendance sheet.