

SOP - Lifting Gatic Covers Using Trolley Gatic Lifter

DO NOT use this plant* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Foot protection must be worn



Hand protection must be worn



High visibility clothing must worn



Safety harness must be worn

POTENTIAL HAZARDS AND RISKS

Slip, Trips, Falls

- Slip, trip, fall due to uneven or slippery work surfaces
- Slip, trip, fall due to steep working surfaces

Other

- Injury due to fall from heights

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Check Gatic lifter for damage or corrosion

OPERATING PROCEDURES

- ✓ Lay unit down with lever arm uppermost and remove the locking pin. Unfold lid lifter
 - NOTE: if the pneumatic tyres are fitted, ensure the tyre pressures are between 245 and 280 kPa (35-40psi)
- ✓ Make sure extension locking pins are securely in place
- ✓ All manhole lifting lugs/points must be inspected prior to any lift being carried out to determine their serviceability and condition
- ✓ Prior to the commencement of lift, all manhole lids should be tapped around the perimeter of lid to help loosen/break the seal that may have formed due to debris build-up or the formation of rust
- ✓ Engage Gatic lifter lugs into Gatic lid & turn at right angles to slots
- ✓ Tighten lug nuts to break the seal so that the lugs can't work loose
- ✓ Apply downward pressure to handle of Gatic lifter until lid lifts free (if lid is hot from sun exposure, it may be necessary to cool lid with water in order to free lid)
- ✓ Pull backwards on Gatic lifter, while maintaining downward pressure, to slide lid out of seat
- ✓ The weight of the lid should be slowly taken up without any sudden or jerky movements
- ✓ If the lid fails to move at this point – with the lifter experiencing little or no strain – mechanical devices should be used to complete the lift
- ✓ Once the manhole lid has been removed, grating or barricades/fencing should be placed over or around the opening prior to any work commencing unless

Manual Task Injury

- Manual task injury from incorrect manual handling techniques
- Manual task injury from repetitive movements

staff are using the appropriate fall arrest/restraining equipment

ENDING OPERATIONS

- ✓ When replacing lid, check that the securing lugs have not rotated in slots and check that nuts are still tight
- ✓ Apply downward pressure to lifter handle to lift lid, and push forward until lid sits in guides of seat
- ✓ Push lid along guides until only a small gap remains. Disconnect lifter lugs from Gatic lid
- ✓ Firmly tap the lid with the trolley wheels to seal the lid
- ✓ Ensure plant is in good working order and stored in the appropriate location

DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not use mobile phone while operating plant

*Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.