



INSTALLATION AND REMOVAL OF A MANHOLE COVER

PURPOSE:

To establish guidelines for properly removing and installing a manhole cover. The proper tools and procedures need to be used to safely remove and install a manhole cover.

Utilization of the proper tool to remove and install a manhole cover is mandatory. At no time will this work be done by hand.

PROCEDURE

PRIOR TO ENTERING THE MANHOLE

1. Write a specific tailboard pertaining to the task to be performed.
2. Document that the tooling available on site is going to work for the job.
3. Fill out the enclosed/confined entry document utilizing the correct procedure and tooling needed.

REMOVING MANHOLE COVER WITH MANHOLE HOOK

1. Use screwdriver or end of manhole hook to scrape around the edge of the manhole loosening any debris that may hinder the cover from being removed freely.
2. If manhole cover is not freed by scraping around the edges, consider using a hammer and tap on the cover in various locations around the edge of the ring.
3. Install hook end of manhole hook in the hole or notch of the manhole cover.
4. Pull cover up higher than the lip of the manhole and slide cover back towards yourself, until it is clear of the manhole frame/ring.



INSTALLING MANHOLE COVER WITH MANHOLE HOOK

1. Clean out the ring of the manhole. Removing any debris or objects that will hinder the manhole cover from setting securely in its place.
2. Install hook end of manhole hook in the hole or notch of the manhole cover.
3. Drag manhole cover towards the entrance point of the manhole.
4. Once the cover is close enough to the manhole and can be reached safely from the other side of the manhole. Re-position your body as needed and drag manhole cover into the manhole ring.
5. If manhole cover does not fully seat itself in the opening, use manhook to pull from the opposite side that is not set in.



INSTALLATION AND REMOVAL OF A MANHOLE COVER

REMOVING MANHOLE COVER WITH MAGNET STYLE LIFTER

1. Use screwdriver or end of manhole hook to scrape around the edge of the manhole loosening any debris that may hinder the cover from being removed freely.
2. If manhole cover is not freed by scraping around the edges, consider using a hammer and tap on the cover in various locations around the edge of the ring.
3. Wheel manhole lifter over to edge of manhole frame/ring so the lifting portion is over top of the cover.
4. Install magnet end on center of the manhole cover and pull lever to engage magnet.
5. Pushing down on the handle of the lifter will pop the manhole cover out of manhole frame/ring.
6. Once manhole cover is lifted higher than the lip of the manhole frame/ring, turn the lifter right or left depending on where you want lid to be staged.
7. Set manhole cover down out of the way.

INSTALLING MANHOLE COVER WITH MAGNET STYLE LIFTER

1. Clean out the ring of the manhole, removing any debris or objects that will hinder the manhole cover from setting securely in its place.
2. Wheel manhole lifter over to the cover so the lifting portion is over top of the cover.
3. Install magnet end of lifter on center of the manhole cover and pull lever to engage magnet.
4. Pushing down on the handle of the lifter will lift the manhole cover.
5. Once manhole cover is lifted off the ground, turn lifter towards manhole until over top of hole and let manhole cover down in place slowly.
6. If manhole cover does not fully seat itself in the frame/ring, give it a push from the side that it is lifted.





INSTALLATION AND REMOVAL OF A MANHOLE COVER

REMOVING MANHOLE COVER WITH CHAIN STYLE LIFTER

1. Use screwdriver or end of manhole hook to scrape around the edge of the manhole loosening any debris that may hinder the cover from being removed freely.
2. If manhole cover is not freed by scraping around the edges, consider using a hammer and tap on the cover in various locations around the edge of the ring.
3. Wheel manhole lifter over to edge of manhole frame/ring so the lifting portion is over top of the cover.
4. Insert hook on the end of the chain into the hole or notch of the manhole cover.
5. Pushing down on the handle of the lifter will pop the manhole cover out of manhole frame/ring.
6. Once manhole cover is lifted higher than the lip of the manhole cover, turn the lifter right or left depending on where you want lid to be staged.
7. Set manhole cover down out of the way.

INSTALLING MANHOLE COVER WITH CHAIN STYLE LIFTER

1. Clean out the ring of the manhole, removing any debris or objects that will hinder the manhole cover from setting securely in its place.
2. Wheel manhole lifter over to the cover so the lifting portion is over top of the cover.
3. Insert hook on the end of the chain into the hole or notch of the manhole cover.
4. Pushing down on the handle of the lifter will lift the manhole cover.
5. Once manhole cover is lifted off the ground, turn lifter towards manhole until over top of hole and let manhole cover down in place slowly.
6. If manhole cover does not fully seat itself in the frame/ring, give it a push from the side that it is lifted.



If the tools we have on site do not work for the particular manhole cover, STOP work and do not proceed until we get the proper tool on site.

Keep in mind a round manhole cover will not fall through the manhole ring.