

## UNLOADING AND HANDLING GUIDE

**Warning:** Handling and moving our tanks are very different from any other plastic tank, steel tank and/or fiberglass tank. Please pay attention to the following instructions. **Any deviation from the instructions could result in losing the tank.**

Not following these instructions could result in damage to the tank and cancellation of your warranty.

To warrant the tank, Houston PolyTank will require a video during offloading, lifting and setting of the tank.



*20' tall tank lifted with endless nylon sling at 2/3rds height.*

### GENERAL INFORMATION

1. Avoid picking up the tank during high winds.
2. Make sure your sling rating exceeds the weight of the tank.
3. When outdoor temperature is under 32 deg F, tank may be more brittle. Please handle with care.

## STEPS FOR UNLOADING AND SETTING OF TANKS

1. Pad/concrete area must be flat and clean of any debris.
2. The sling needs to go through a clevis to ensure the tank will be choked correctly.  
**Warning:** If the metal clevis is not used, the tank will not be choked and will slip in result. See below picture 1 for proper use of clevis.
3. The endless sling needs to be placed on the hook of the crane. See below picture 2.



**Picture 1:** Nylon strap goes through metal choke clevis for tank.



**Picture 2:** Endless nylon sling connected to the crane hook.

4. The endless sling and clevis should be choked underneath the lid of the tank. Under no circumstances should one try to pick up the tank from the lid of the tank.

5. Wrap endless sling around the tank at about 2/3rds height from the bottom of the tank as shown in pictures below.



*Front View of Tank while being choked*



*Back View of Tank while being choked*

6. The distance between the crane hook and the top of the tank needs to be at least 2 foot.



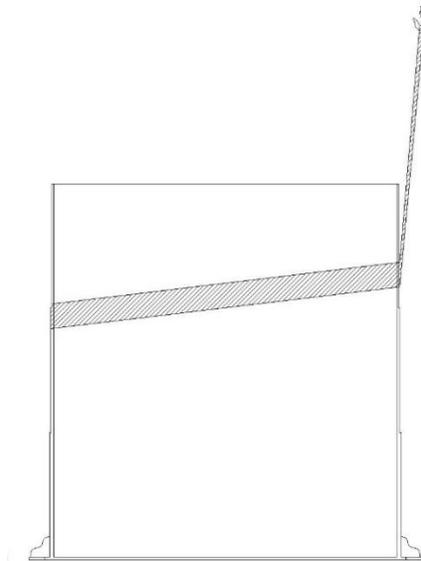
*Distance from the crane hook and the top of the tank*

7. After tank is choked properly and ready to be picked up, start to raise the tank very slowly controlling it to go up and ensure the bottom of the tank does not touch any objects (part of the trailer). The top of the tank will raise as shown in the below picture. As you continue to lift up, the sling will choke the tank tighter and will not allow the tank to slip. The tank will continue to a vertical position, 5-10 degree angle.



Raising the tank slowly

8. Using the crane, slowly move the tank to the location of the cement pad.
9. Before the bottom of the tank touches the floor, a few guys can direct the tank to the correct location on the pad and situate it in the right direction by turning it. At that time, you can lower the tank even more and let the edge of the floor touch the cement pad gently. Continue to lower the tank very slowly on to the pad until it sits in the vertical position (shown below).



Choke Strap

**WARNING: DO NOT USE THE LID OF THE TANK FOR HANDLING.**

## HORIZONTAL PICK UP

If the pad is not ready and you want to offload the tank horizontally, there are two options.

1. You can cradle it with two slings and use a spreader bar. Pick it up horizontally and place on the shipping saddles (in the same area of the tank as they were placed for shipping).
2. One can do it with one endless sling by spreading the sling to cover more area and fine the balance of the tank for pick up. See picture below.

