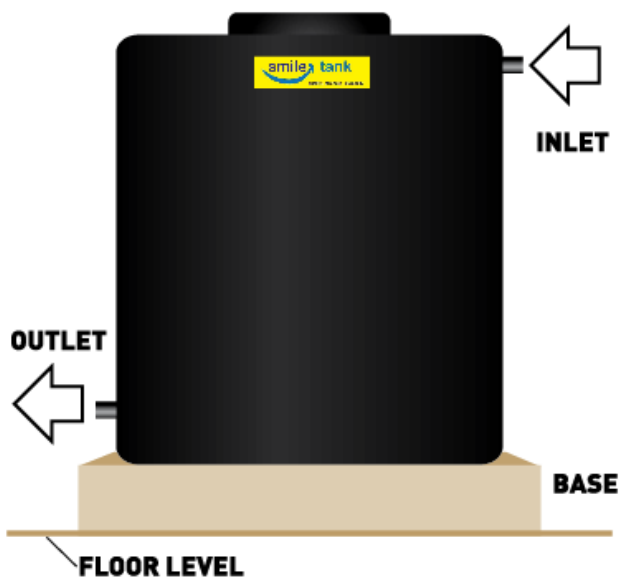


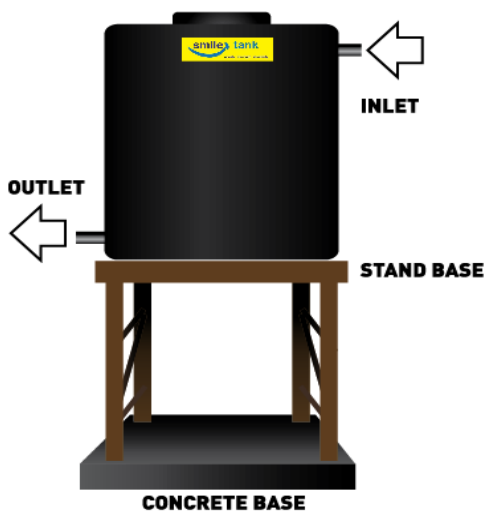
## CYLINDRICAL VERTICAL TANK INSTALLATION GUIDE

### 1. Preparing the Tank Base



All overhead tanks must be installed on a 3-inch reinforced concrete slab. The base must be flat and larger than the diameter of the tank so that **NO** part of the tank is unsupported.

### 2. Setting Up the Tank Stand



If the tank must be installed at a height, ensure that the legs of the tank stand are properly secured on a concrete base. This will prevent the tank stand from any sudden movements, and it will be strong enough to hold its weight.

**NOTE:** Consult a structural engineer if required.



## Pipe It Right

- ✓ Connect the piping as indicated on Smile Tank - Inlet / Outlet / Overflow as per requirement.
- ✓ Ensure that the weight of piping does not affect the wall of the tank.
- ✓ Give additional supports on piping connections.
- ✓ If truck access is poor, the tank must be rolled into position or maneuvered by a crane.

## DOs and DON'Ts

- Do NOT use wooden sleepers as they are generally uneven.
- Do NOT use corrugated iron decking as a base.
- The tank base must be free from any rocks, stones or any sharp objects that may damage the base of the tank.
- All outlet & inlet holes should be drilled using a hole-saw. Do NOT use the traditional hot rod/pipe.
- All pipe work MUST be supported so that there is no added strain on the tank.
- If the tank is to be installed indoors then allow enough space between the roof & the tank for cleaning access.

### **IMPORTANT:**

Approximately, 1litre = 1kg, therefore, 1000lts of a full tank weighs up to 1000kgs.

It is critical to identify a suitable location for construction of a compact base where the tank is not obstructed.

Often, the cause of failure is traced back to an unsuitable base.

