**STEEL & TUBE SMART TANKS (STAINLESS STEEL TANKS) Dos and Don’ts**

**Don’ts**

* SMART TANKS should not be placed in a small area or without proper ventilation as it will be difficult to do service or maintenance.
* Place SMART TANKS away from chemical, flammable materials or cooling towers to prevent any heat or hazardous vapours which could affect properties of the SMART TANKS.
* Do not place SMART TANKS on an uneven and unstable surface. Fix the SMART TANKS on the ground with bolt to the surface. This is to ensure that the tank is well balanced and stable.
* Never use any ferrous/galvanized pipe fittings to connect with SMART TANKS outlet/discharge or inlet and air vent. The ferrous/galvanized pipe fittings get rusted and corroded. Use only SS304 or PVC/ABS material.
* Do not leave overflow without any connection. Connecting over flow is necessary to guide discharge as desired and save spillage & wastage of water.
* Do not connect pipe with SMART TANKS without any support to avoid stress on SMART TANKS to prevent tearing of the body or leakage.
* Do not apply excess pressure while fixing fittings to the tank body.
* The SMART TANKS installation must be far away from Hazardous materials, liquid or solid.
* SMART TANKS should not be used to store contaminated water or chemicals.
* Do not perform any welding and grinding work near the SMART TANKS without proper covering of tanks to avoid direct exposure of flames and hot debris to the tanks.

**STEEL & TUBE SMART TANKS (STAINLESS STEEL TANKS) Dos and Don’ts**

**DOs**

* The tank must be installed on a flat and even surface with a strong support and bolted to the ground.
* Water outlet and discharge point should use pipe and pipe fittings made of SS304, ABS/PVC and other non-ferrous and non-Poisonous product.
* Over flow point should have connector and water hose/pipe may be added if required to avoid spillage on ground as per requirement.
* Out let must be fixed with SS 304 coupling.
* SMART TANKS is provided with air vent at the top.
* All water pipes connected to the SMART TANKS opening must be firmly installed.
* Drain point should have pipe fitted with valve in order to discharge any sediment collected over a period of time (depending upon type of water supply available) to keep SMART TANKS clean.
* All pipes connected to the SMART TANKS must be well supported, and properly aligned and secured to avoid any pressure on the body.
* Connect discharge point with ball valve/stop cock as per requirement to discharge dirt water from the SMART TANKS.
* If water pump is required to be connected, it must be at a minimum distance of 3 meters from the SMART TANKS. Piping for such connection must be well supported, preferably by cable trey type structure, to avoid adverse effects of vibrations caused by pressure pump.
* Stirrer could be fitted independent of the tank, but one should be careful of the kind of load being applied on the tank.
* We can provide extra holes connection as per your requirement if proper location and size is indicted before production of the tank. The extra fittings will carry a nominal charge.