

# AS/NZS 1546.1:2008 – APPENDIX I

## **Installation instruction of septic tank and/or collection well**

The siting of the septic tank and/or collection well is subject to regulatory authority approval.

All drainage work being carried out shall be by a licensed drainer in accordance with AS3500.

- (a) A crane truck is used to deliver to the site and it is important to have sufficient access for the vehicle to reverse directly to the excavation to place the tank into the hole. Some circumstances do not allow the vehicle access to the site, e.g: wet weather, steep gradient, trees, etc. If the need arises for a crane or earthmoving equipment to lift the tank into the excavation an approved spreader bar is to be used for the safe handling of the tank.
- (b) If the tank is to be installed in ground, excavation shall allow clearance for ease of installation into hole.  
If tank is to be installed above ground, a level pad shall be prepared.
- (c) The tank is to be founded on a bed of uniformly compacted and leveled sand at least 100mm thick.
- (d) The lid has not been designed to carry fill or any other surcharge loading, apart from pedestrian traffic.
- (e) If the installation is subject to ground water, a de-watering pump may be required and concrete poured around the outside base of the tank to hold the tank down and the tank needs to be filled with water to outlet.
- (f) All fittings, inlet, outlet and partitions are installed at the factory , prior to delivery.
- (g) The sand backfill around the tank is to be placed and tamped in horizontal layers.
- (h) **Need to fill the tank to outlet with water.**
- (i) The lid requires sealing & re-sealing with sand & cement mix.  
Access/inspection covers are water tight.
- (j) Tank is commissioned, after final inspection by regulatory authority.