STP Malaysia Sdn. Bhd.

Fibreglass Tanks Single Wall & Double Wall

PRE INSTALLATION

Verified By:

1) Visual Inspection. No evidence of damage (holes, cracks, gouges) in tank (document any damage found) _____
2) Brine Tanks: A) Check and record brine level in reservoir _____
   B) Check for brine inside tank _____
3) Physical Test. Pre-installation air/soap test completed in accordance with installation instructions _____
4) Backfill material *(indicate which type)*: A) Crushed stone or pea gravel as specified by STP _____
   B) Other / describe (requires specific approval by STP) _____
5) Excavation. Hole dimensions are correct as per installation instructions for appropriate conditions _____
6) Internal Measurement. The inside diameter of the tank has been measured and documented. **(Dimension "A" Below)** _____
7) Filter Fabric Utilised. *(Indicate one)* A) Yes B) No _____
8) Hole Condition *(Indicate one)* A) Dry hole. Water not anticipated to reach tank. Area not subject to flooding. _____
   B) Wet hole. Excavation may trap water. Area subject to flooding. _____
9) Traffic Loads. *(Indicate one)* A) Traffic loads anticipated _____
   B) No traffic loads _____
10) Anchoring. Performed in accordance with installation instructions. A) Concrete Anchors _____
   B) Full slab _____

DURING INSTALLATION

Verified By:

11) Backfill material bed is level and is a minimum of 300mm deep, over native soil or slab, before setting tank _____
12) Tank spacing. Tanks are spaced correctly from each other and excavation walls according to instructions _____
13) Visual Inspection. No evidence of damage found after setting in hole _____
14) Straps and tie-downs positioned and secured according to installation instructions _____
15) Backfill compacted. Material has been tamped and/or compacted to fill all voids around tank _____
16) Tank properly ballasted during backfilling _____
17) Tank(s) buried at proper depth to conform to appropriate conditions, (wet, dry, traffic or not) _____

POST INSTALLATION

Verified By:

18) Physical Test. Air/soap test completed according to installation instructions _____
19) Internal Measurement. The inside diameter of the tank has been measured and documented. **(Dimension "B" Below")** _____
20) Brine Tanks: A) Check and record brine level in reservoir _____
   B) Check for brine inside tank _____

MEASUREMENT OF DEFLECTION

All tanks must be measured to determine vertical deflection. Follow deflection measurement instruction in the installation manual. An initial deflection measurement is taken and recorded as a point of reference. Subsequent measurements show tank deflection and can be compared to the table below. Take each measurement from the same fitting using the same procedure.

Tank Diameter mm	Maximum Deflection mm	Nominal Inside Diameter mm	
		SWT	DWT
1470	12.5	1440	1440
2438	30	2316	2304
3275	38	3150	3134

*Note: If Deflection is 75% of Maximum notify STP Technical Department

Measurements

I.D. before backfilling (A) _____
I.D. after backfilling (B) _____
DEFLECTIONS (A) - (B) _____

Measured at: ☐ End ☐ Centre

Verified By: _____

Mark Location of Deflection Readings

STP Malaysia Sdn Bhd
No. 141-D, Jalan Utas 15/7, Seksyen 15, 40000 Shah Alam, Selangor Darul Ehsan.