



Double Wall Installation Checklist

An electronic version of this form is available on www.tanksolutions.com.au

Date of Installation: _____

Site Owner: _____

Site Address:

_____ *Street* _____ *City* _____ *State* _____ *Postcode*

Installing Contractor:

Installation On-Site Supervisor:

Supervisor Accreditation Number and Expiry Date: _____

Contractor Address:

_____ *Street* _____ *City* _____ *State* _____ *Postcode*

TANK INFORMATION	Tank # 1	Tank # 2	Tank # 3	Tank # 4
Tank Number				
Total Capacity				
Compartments: Single (SC), Dual (DC) or Triple (TC)				
Configuration (Compartment)				
Tank Diameter				

Fibreglass Tanks

Fibreglass Tanks

SITE INFORMATION (See Sections 3 - 8)		Tank # 1	Tank # 2	Tank # 3	Tank # 4
1	Primary backfill meets Backfill Guideline requirements (Form TD_IM_014) – Yes or No				
2	Secondary backfill material will be used – Yes or No				
3	(Must advise Tank Solutions prior to using Split Backfill procedure)				
4	If Secondary backfill material is used, does it meet manufacturer's requirements (Form TD_IM_020) – Yes or No				
5	Geotextile Fabric will be used – Yes or No				
6 a)	Is the excavation shored – Yes or No				
6 b)	Will the shoring be removed or remain in place following installation? Yes or No				
6 c)	Has a suitably qualified Engineer confirmed the Shoring will remain effective for 30 years? – Yes or No				
7	Tanks in trafficable area – Yes or No				
8	Hole Condition – Wet or Dry Dry: Water not anticipated to reach tank. Area not subject to Flooding. Wet: Excavation may trap water. Area subject to Flooding				
9	Additional Comments				
PRE Installation Inspection and Testing (See Section 2 of the Installation Manual)		Tank # 1	Tank # 2	Tank # 3	Tank # 4
10	Visual Inspection – Is there evidence of damage (holes, cracks, gouges) in the tank – Yes or No (If yes, document any damage found and send, with pictures to Tank Solutions prior to Installation)				
11	Brine Check – Is Interstitial fluid visible on the outside of the tank – Yes or No				
12	Brine Check – Is Interstitial fluid visible on the inside of the tank – Yes or No				
13	Brine Check – Record Interstitial fluid level inside monitor				
14	Pre Installation Test – Has a Pre Installation Test been conducted – Yes or No (Note: The Pre Installation Test is highly recommended but is not a condition of Warranty)				

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15	Pre Installation Test – If a Pre Installation Test has been conducted by a 3 rd party, please nominate the name of the 3 rd party				
16	Pre Installation Test – If a Pre Installation Test been conducted, did the tank pass – Yes or No (Please forward a copy of Test Report to Tank Solutions				

	DURING INSTALLATION (See Sections 3 – 10)	Tank # 1	Tank # 2	Tank # 3	Tank # 4
17	Anchoring performed in accordance with Installation Instructions – Yes or No				
18	Backfill material bed is level and a minimum of 300mm deep, over native soil or slab before setting tank				
19	Record Internal Diameter Measurement #1 (before installation)				
20	Tank Spacing - Tanks are spaced correctly from each other and excavation walls as per the Installation Instructions – Yes or No				
21	Record final tank spacing between tanks				
22	Record final tank spacing between tanks and excavation walls				
23	Record Internal Diameter Measurement #2 (after straps are installed)				
24	Subtract diameter measurement #2 from #1 and record				
25	Deflection measurements are within acceptable limits (see Table 1 below) – Yes or No				
26	Voids under tank between ribs and domes filled with backfill and tamped – Yes or No				
27	Backfill placement meets requirements – Yes or No				
28	Record Internal Diameter Measurement #3 (after backfilling to top of tank is complete)				
29	Subtract diameter measurement #3 from #1 and record				
30	Deflection measurements are within acceptable limits (see Table 1 below) – Yes or No				
31	Tank was ballasted prior to bringing backfill to top of tank – Yes or No				

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	AFTER BACKFILLING IS BOUGHT TO TOP OF TANK (See Sections 9 – 17)	Tank # 1	Tank # 2	Tank # 3	Tank # 4
32	Tank was ballasted after to bringing backfill to top of tank – Yes or No				
33	Post Installation Test – Has a Post Installation Test been conducted – Yes or No (Note: The Post Installation Test must be completed in order to validate Tank Warranty)				
34	Post Installation Test – If a Post Installation Test been conducted, did the tank pass – Yes or No				
35	Post Installation Test – Please nominate the name of the 3 rd party who conducted the Tank Test. (Note: A copy of the Test Certificate must be sent to Tank Solutions in order to validate Warranty)				
36	Record final depth of backfill over the tank				
37	Record Internal Diameter Measurement #4 (after backfilling is bought to sub-grade)				
38	Subtract diameter measurement #4 from #1 and record				
39	Final Deflection measurement are within acceptable limits (see Table 1 below) – Yes or No				
40	Thickness of concrete surface slab				
41	Brine Check – Record Interstitial fluid level inside monitor				
42	Are PV-VR2 vents to be fitted to tank				
43	If PV-VR2 vents are fitted, please advise type and date of installation				

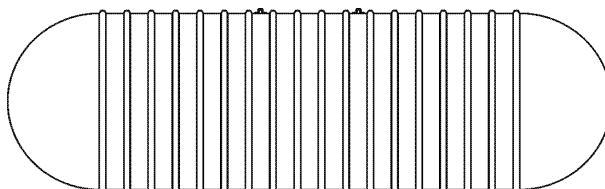
Fibreglass Tanks

Table 1 – Maximum Allowable Deflections

***Note: If Deflection is 75% of Maximum, notify Tank Solutions Technical Department immediately.**

Tank Diameter mm	Maximum Deflection mm	Nominal Inside Diameter mm		Deflection Measurement Process	Deflection Measurement Readings			
		SW	DW		Tank 1	Tank 2	Tank 3	Tank 4
1470	19	1500	1500	ID Reading 1				
2140	24	2026	2017	ID Reading 2				
2438	30	2316	2304	Deflection Check 1 Reading 1 - 2				
2600	30	2466	2452	ID Reading 3				
3275	38	3150	3134	Deflection Check 2 Reading 1 - 3				
3280	38	3150	3134	ID Reading 4				
				Deflection Check 3 Reading 1 - 4				

Deflection Measurements Verified by: _____



Mark Location of Deflection Readings

Measured at:

☐ End ☐ Centre

Tank Warranty

In order to validate Tank Warranty, please send the completed Installation Checklist along with the following documents back to Tank Solutions within 30 days of the Tank Installation:

- Backfill Sieve Analysis
- Post Backfill Third Party Test Report

Whilst not a condition of Warranty, for completeness of our records Tank Solutions would appreciate it if the following were also sent through if available:

- Pre-Installation Third Party Test Report
- Site Tank and Pump Layout
- Pictures of Installation