

## MAINTENANCE FOR LIMESTONE NEUTRALIZATION / DILUTION TANKS

\* Proper limestone is necessary. There are two types of proper limestone.

1. Regular limestone chips (#RLS-50). For schools, colleges, universities, laboratories, hospitals, photographic wastes, and general chemicals (acids and caustics). The limestone should be (1" – 3") diameter sized stone and must contain a high calcium carbonate content in excess of ninety percent (90%).
2. Dolomitic limestone chips (#DLS-50) which is ONLY for battery acids (sulfuric acid only) and contains both magnesium and calcium carbonate.

\* T&C recommends the use of a licensed service company for all acid waste tank servicing. If you choose to handle in-house, please note the following:

\* All limestone chips must be replaced every 12-18 months. Over time, the surface of the stones becomes crystallized and are no longer effective. Oils and solids can also make limestone ineffective over time.

\* Always fill the tank with the water, up to the bottom (invert) of the outlet fitting (lowest fitting). Gently add the proper limestone chips so not to damage the tank or fittings. As the limestone is added, some water will overflow out of the outlet fitting. The room/area should be ventilated.

Please call our offices or your local rep if you have any questions.



Tanks should be inspected routinely to determine if the precipitated sludge, debris and other material, must be cleaned out (usually scooped out) and for periodic limestone and water addition. Normally, once every month to three months is sufficient for interior tank inspection and maintenance. Professional assistance should be sought to establish the correct inspection and maintenance schedule for a system.

## HOW MUCH TO USE

Tank Model #	Approx. Amount Pounds	# of Bags Required
NT-5	50 lbs.	1
NT-15	100 lbs.	2
NT-30/NTB-30	200 lbs.	4
NT-55/NTB-55	500 lbs.	9
NT-100/NTB-100	1,000 lbs.	18
NT-150/NTB-150	1,750 lbs.	31
NT-175/NTB-175	1,900 lbs.	34
NT-200/NTB-200	2,500 lbs.	45
NT-275/NTB-275	3,200 lbs.	58
NT-300/NTB-300	3,200 lbs.	58
NT-350/NTB-350	4,000 lbs.	72
NT-500/NTB-500	5,000 lbs.	90
NT-550/NTB-550	7,500 lbs.	136
NT-650/NTB-650	9,000 lbs.	163
NT-700	9,100 lbs.	165
NT-800	9,500 lbs.	172
NT-1000	10,200 lbs.	185
NT-1100	10,600 lbs.	192
NT-1200	11,000 lbs.	200
NT-2000	16,000 lbs.	290
NT-3000	25,000 lbs.	454

NOTE: T&C sells replacement limestone (Model RLS-50) and can ship anywhere in the U.S. Please contact your local rep or distributor or our offices @ sales@tandcplastics.com / 732-780-5300.

TITLE:

MAINTENANCE FOR LIMESTONE TANKS

NT-NTB

REV:

SHEET 1 OF 1

SIZE:

SCALE: 1:2

**T&C**  
**PLASTICS**  
WWW.TANDCPLASTICS.COM  
732-780-5300

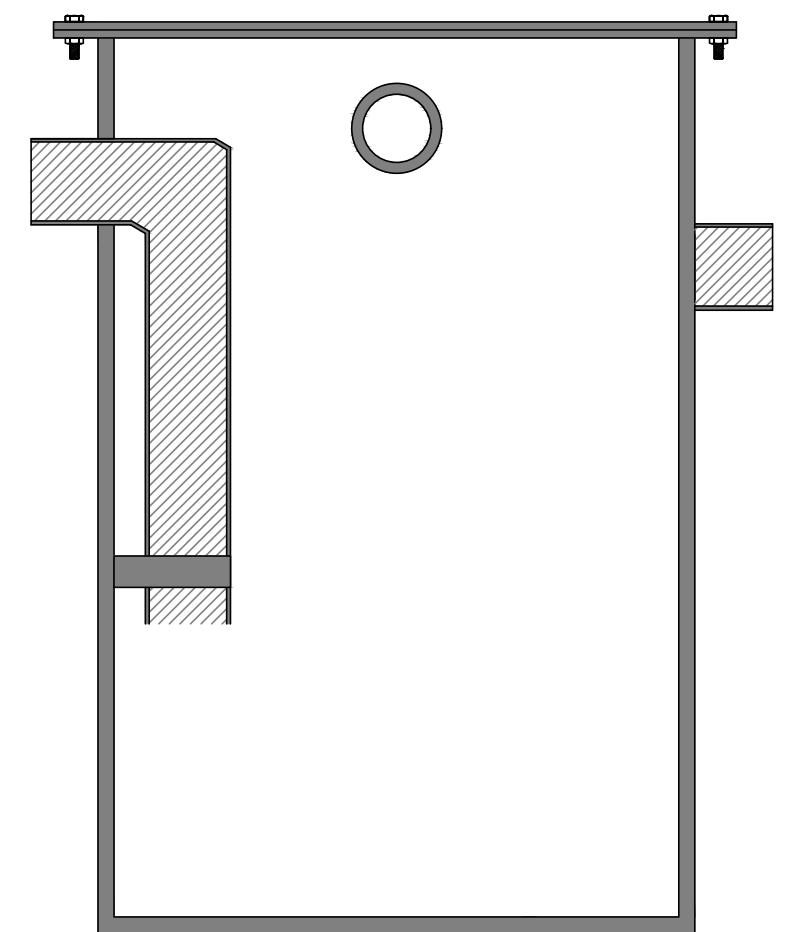
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# NT TANK INSTALLATION & INSTRUCTION ABOVE GROUND/VAULT INSTALLATION

- Fill the tanks with water immediately upon receipt to make sure the walls and/or fittings have not been damaged in shipping and handling.
- If a leak has been observed during this test upon delivery, call the freight company to put an immediate claim in for hidden damage, and then call T&C. Take pictures of the problem area and contact T&C at support@tandcplastics.com.
- Do NOT use a fusion connection to connect drainage systems to tank pipe stubs: only use mechanical joining methods. The tank is manufactured with HDPE material and the fittings will not fuse to other material types (PP).
- After you install the tank, test it again by filling it with water.
- Always support the entire tank bottom and do NOT mount heavy equipment on tank.
- Support all pipes, fittings and valves attached to the tanks. Do not allow any connections to be stressed.
- Use expansion joints and/or sufficient offset fittings to prevent damage at tank fittings, due to the expansion and contraction of the piping and tank itself.

If tank has plain end connections, an acid-resistant no-hub coupling is required. T&C offers these couplings in all sizes. Please contact your local rep, distributor or T&C for more information.

If tank has threaded (MPT) connections be very careful NOT to cross (misalign) the threads when connecting. Use plenty of Teflon\* thread sealant tape. *Teflon\* paste may be used instead of Teflon\* tape.* Tighten 1/2 to 3/4 turn beyond handtight. Use strap wrench or equivalent to preclude scarring pipe & fitting surfaces. Please note that plastic threads are not as rigid as metal threads. Over-tightening and cross threading are the most common causes of leaks from the tank fitting.



Standard Tank Shown Above for Illustration Purposes Only. Tank Styles and Fitting Locations can vary.

NOTE: The information on this sheet is intended as a general guide only. Actual performance of tanks may vary due to mechanical stress, temperature, weight of contents, types of chemicals and other factors.

UNLESS STATED OTHERWISE DIMENSIONS ARE IN INCHES	MATERIAL: HDPE			TITLE: NT TANK INSTALLATION & INSTRUCTION		NT	REV:	 WWW.TANDCPLASTICS.COM 732-780-5300
	WEIGHT [lb]:		NAME	DATE	SHEET 1 OF 1	SIZE:		
	DO NOT SCALE DRAWING		DRAWN	DR	SCALE: 1:2			
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