Document Number	NTI-90E060		
Document Name	Standing Pipe Test		
REV	05	Date:	8/11/2022

Using this simple tightness-test procedure while the tank is not in use, our Brine System can detect a loss of liquid in a single or multi-compartment tank. In the event the test technician is evaluating a multi-compartment tank, an NTI-90E060 test form shall be fill out for each compartment separately.

Fill out the site location, tank information and test boxes below. A separate test form is needed for every tank. For additional copies of the form, contact the Customer Service Representative at the Nationwide Tanks manufacturing facility nearest you.

- The time frame to test from the last fuel delivery = 24 Hrs.
- Test can be performed on either un-installed or fully installed tanks

Job Name: _____

Address: _____ City: _____ State: _____

Date	Time	
		Record Date & Time when tank was last filled
		Record Today's Date & Time

A. Production Information:

Procedure	Recorded Data	Initial / Complete?
1. Record UL Tank Number		
2. Record Product Stored		
3. Tank Nominal Capacity		
4. Standpipe (riser) Length from Top of Tank		
5. Record the Diameter of Riser Pipe		

B. Test Preparation:

Procedure	Recorded Data	Initial / Complete?
1. Measure and Record Groundwater Table		
2. Fill Reservoir Riser Pipe Halfway from Top of Riser. The Level in the Riser Pipe must be at least 12" Higher than the Groundwater Table.		
3. Inspect all exposed monitoring fitting plugs for leaks		
4. Wait a minimum of 3 hours, record time of stop		

C. Test Start:

Procedure	Recorded Data	Initial / Complete?
1. Record Start Time (post 3 hours min from step B4)		
2. Measure and record liquid level in reservoir riser pipe		
3. Measure and record Groundwater table level		
4. Wait a minimum of 3 hours, record stop time		

D. Test End:

Procedure	Recorded Data	Initial / Complete?
1. Record Stop Time		
2. Measure and record liquid level in reservoir riser pipe		
3. Measure and record Groundwater table level		

E. Calculate:

Procedure	Recorded Data	Initial / Complete?
1. Record Reservoir Riser Pipe Level Changes a. Sequence C2 minus Sequence D2		
2. Record Groundwater Level a. Sequence C3 minus Sequence D3		

Results Interpretation – The Calculated values in Sequence E1 and E2 must meet all of the criteria in column -B- below to pass the tightness test

-A- Criteria	-B- Passing Criteria
Sequence E1 =	<1” of Reservoir Fluid Change
Sequence E2 =	<10” of Groundwater Fluid Change

Table 1: Passing Criteria

Test Technician Name _____ Signature _____