



URETHANE COATED STEEL  
UNDERGROUND STORAGE TANKS



R971

# INSTALLATION CHECKLIST

February 2017

Owner of Tank: \_\_\_\_\_

ACT-100-U® Label No.: \_\_\_\_\_

Location of Tank: \_\_\_\_\_

Date: \_\_\_\_\_

	CHECK ( )		CHECK ( )
<b>HANDLING</b>			
The handling equipment is of adequate size and capacity to lift and lower the tank without dragging or dropping	_____	When anchoring with a concrete hold down pad, a minimum 6 inches (152.4 mm) layer of bedding material over the concrete pad dimensions to separate tank from pad	_____
The repair of any damaged laminate areas has been made in accordance with installation instructions	_____	When deadman anchors or hold down pads are used, hold down straps have been separated from the tank by an inert insulating dielectric material at least 1 inch (25.4 mm) wider than the steel hold down straps	_____
Prior to storage, the tank has been chocked with wood blocks or tires	_____	Tank is electrically isolated from the hold down strap	_____
<b>EXCAVATION</b>			
When no anchoring is required, the site has been excavated deep enough to enable 1 foot of clean sand or gravel to act as bedding material between native soil and tank	_____	<b>BACKFILL</b>	
Burial depths meet minimum code requirements (such as NFPA 30).	_____	Tank is buried with soundboard in place	_____
NOTE: Check with tank manufacturer when burial depth exceeds 5 feet. Steel thickness can be calculated for the required burial depth.	_____	Homogenous backfill consisting of clean sand, pea gravel, #8 crushed stone or material earthen material has been used	_____
<b>TESTING</b>			
The tank has been air-tested at 5 psig (kPa) while applying soap solution onto weld seams and fittings to check or leaks	_____	Backfill is the same material as bedding	_____
OR on a double wall tank, a vacuum test has been performed in accordance with the fabricator's instructions	_____	Backfill has been placed along sides of tank to ensure full support along the tank's bottom quadrant	_____
All local and state testing requirements have been performed	_____	<b>PIPE CONNECTIONS</b>	
<b>ANCHORING (check one)</b>			
Not applicable to this site	_____	Nonconductive piping used	_____
Deadman anchors used	_____	Dielectric bushings or flanges installed	_____
Concrete pad	_____	_____	
Soil and pavement overburden will hold down tank (Reference PEI/RP 100)	_____	Signature and Title of Installing Foreman and/or Project Engineer	
		_____	
		Signature and Title of Installing Contract	

Note: This checklist includes certain key steps in the proper installation of the sti-P3 tank and is intended only as an aid to tank installers who are knowledgeable and experienced in underground tank installation. Compliance herewith does not necessarily meet the requirements of all applicable federal, state, and local laws, regulations and ordinances concerning tank installation.