



R913

INSTALLATION CHECKLIST

February 2017

Owner of Tank: _____

ACT-100® Label No.: _____

Location of Tank: _____

Date: _____

CHECK ()

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HANDLING

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 _____

EXCAVATION

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 _____

Tank is electrically isolated from the hold down strap _____

Burial depths meet minimum code requirements (such as NFPA 30). _____

BACKFILL

Homogenous backfill consisting of clean sand, pea gravel, #8 crushed stone or material earthen material has been used _____

NOTE: Check with tank manufacturer when burial depth exceeds 5 feet. Steel thickness can be calculated for the required burial depth. _____

Backfill is the same material as bedding _____

Backfill has been placed along sides of tank to ensure full support along the tank's bottom quadrant _____

TESTING

The tank has been air-tested at 5 psig (kPa) while applying soap solution onto weld seams and fittings to check or leaks _____

PIPE CONNECTIONS

Nonconductive piping used _____

OR on a double wall tank, a vacuum test has been performed in accordance with the fabricator's instructions _____

Metallic piping used _____

Dielectric bushings or flanges installed _____

All local and state testing requirements have been performed _____

ANCHORING (check one)

Not applicable to this site _____

Signature and Title of Installing Foreman and/or Project Engineer

Deadman anchors used _____

Concrete pad _____

Soil and pavement overburden will hold down tank (Reference PEI/RP 100) _____

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.