

DRAINAGE TANKS

Volume IIX

Operations & Maintenance Manual

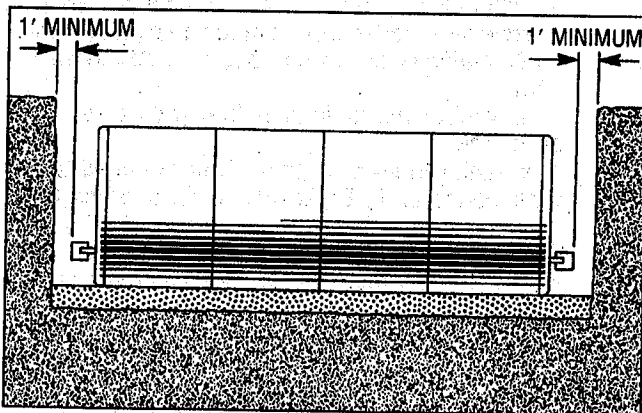
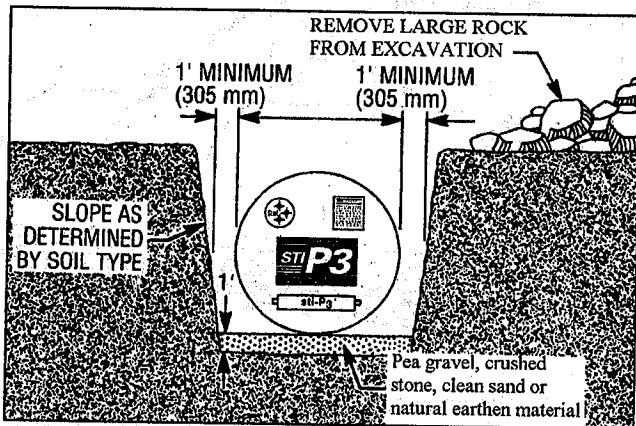
INSTALLATION INSTRUCTIONS

R881

JUNE 2010

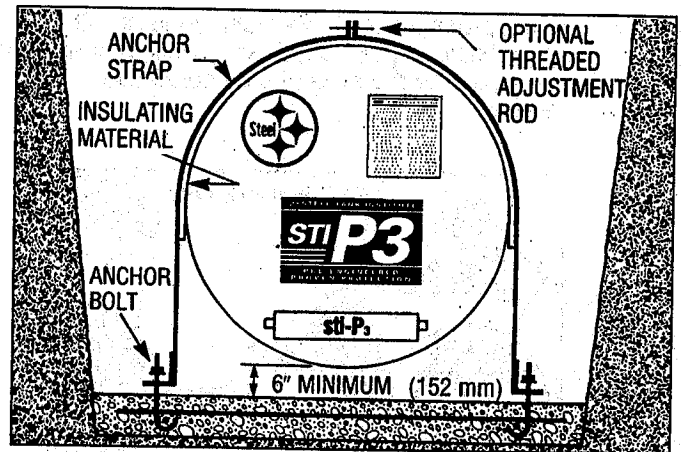
1.0 EXCAVATION AND BEDDING

- 1.1 The bottom of the excavation shall be covered with a minimum of 12 inches (305 mm) of bedding, suitably graded and leveled. Bedding and backfill material surrounding the tank, to a width and depth of 12 inches (305 mm) all around the tank, shall be clean material.
- 1.2 Where anchoring by means of a concrete pad, the tank shall not be placed directly on the pad. Bedding material at least 6 inches (152.4 mm) deep must be spread evenly over the dimensions of the pad to separate the tank from the pad.

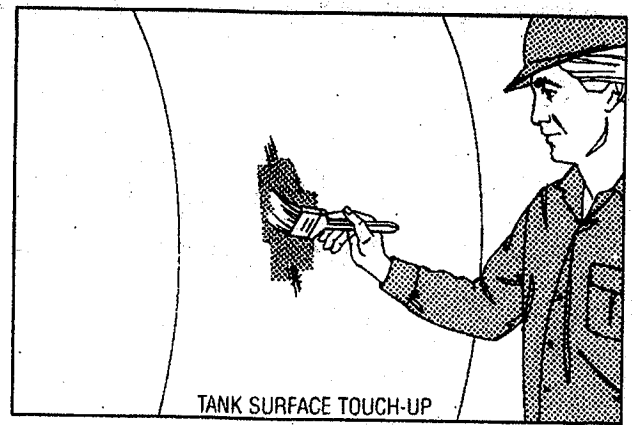
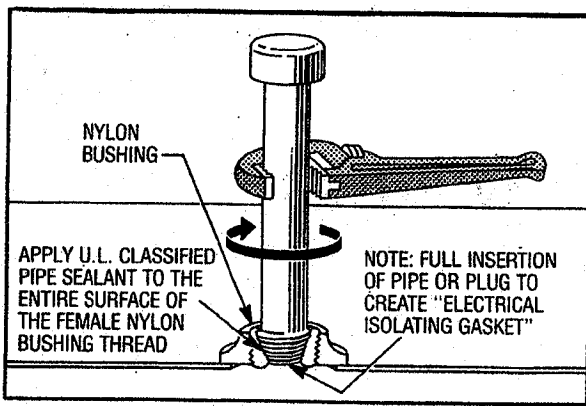


- 1.3 Bedding and backfill material shall consist of homogenous pea gravel, crushed stone, clean sand or natural earthen materials. Crushed stone, clean sand and natural earthen materials shall be capable of passing 100% through a 1/2 inch (13 mm) sieve and no more than 12% by dry weight through a #200 sieve (0.0029 inch (0.0754 mm)). Pea gravel shall be no larger than 3/4-inch (19 mm). The materials shall be free of all foreign materials, such as but not limited to, bricks, metals, concrete and plastics.

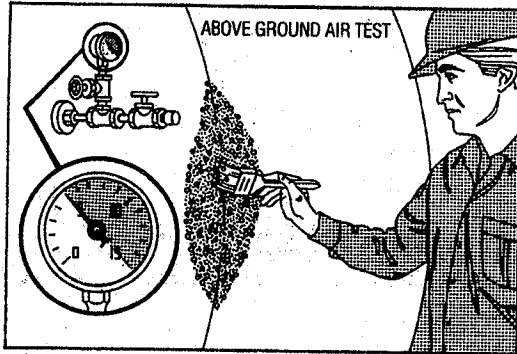
- 1.4 The backfill material may be from the tank site if it meets this description, or it may be delivered to the site from another source.



- 1.5 Sand or natural earthen materials used as backfill shall be placed into the excavation in 12-18 inch (305-458 mm) vertical lifts, compacted after each lift, at least 60% up the vertical height of the tank.
- 1.6 If earthen material from the site, or other earthen material, is to be used as bedding or backfill material, a minimum of four 1 cu.ft. samples shall be taken from different locations which are representative of the backfill material and the site. Samples shall be sieved to determine if the material complies with this specification.
- 1.7 In a tidal area, the tank "bedding" material shall be crushed stone or pea gravel. Sand and natural earthen material may be used only if measures are taken to prevent washout of material during the design life of the system.
- 2.0 AIR TEST AT JOB SITE
- 2.1 Temporary plugs and thread protectors installed by the manufacturer shall be removed. Apply compatible, non-hardening pipe sealant to internal bushing threads. Permanent metal plugs shall be installed at all unused openings.
- 2.2 The nylon bushings in sti-P₃® tanks shall not be removed from the unused openings. Plugs used to temporarily seal the tank for the above ground air test, but later removed for pipe installation, shall not be over tightened. Do not cross thread or damage the nylon bushings when replacing plugs or installing required tank piping.

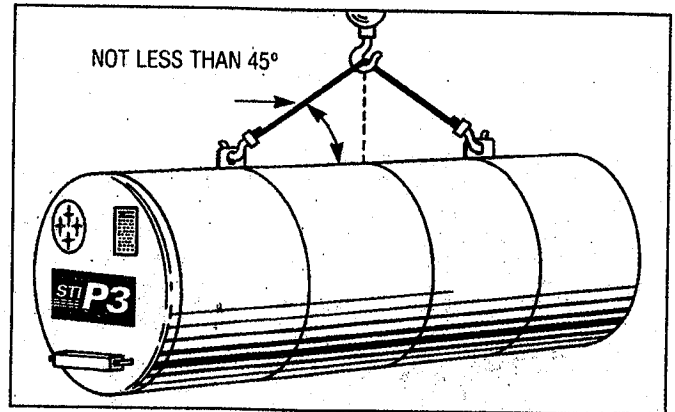


- 2.3 Test pressure shall be maintained at, without exceeding, 5 psig (34.47 kpa) while a soap solution is applied to the area of pipe connections and welds.



4.0* TANK HANDLING & PREPARATION

- 4.1 Controlled off-loading of the tank shall be allowed.
 4.2 Equipment to lift the tank shall be of adequate size to lift and lower the tank without dragging or dropping to ensure there is no damage to the tank or the coating.



- 2.4 Dual wall tanks shall require different air pressure testing procedures. Do not connect a high pressure air line directly to the interstitial monitoring port. A factory applied vacuum within the interstitial space can be used in lieu of, or in addition to, the air test procedure. Consult tank fabricator for air test recommendations. Do not apply a vacuum to the primary tank or a single wall tank. PEI/RP 100-00 also provides guidelines.
- 2.5 Take necessary safety precautions during air tests. Do not leave tanks unattended. Avoid standing at the head of the tank, especially while applying air pressure. Use an air-pressure relief valve.

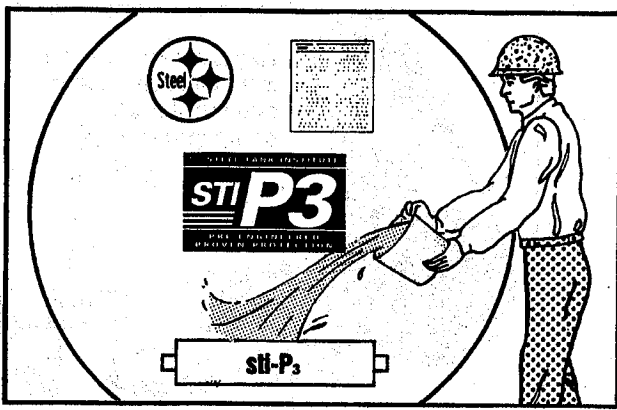
- 4.3 Tanks shall be carefully lifted and lowered by use of cables or chains of adequate length attached to the lifting lugs provided. A spreader bar shall be used where necessary. Under no circumstances shall chains or slings be used around the tank shell.
- 4.4* Follow label instructions including those at tank openings.
- 4.5* This tank requires venting. Refer to applicable local codes and PEI RP-100 for proper installation.

3.0 COATING INSPECTION

- 3.1 Before placing the tank in the excavation, all dirt clods and similar foreign matter shall be cleaned from the tank, and areas of coating damage shall be repaired with touch-up coating kit provided.
- 3.2 Clean damaged coating areas through removal of surface rust, dirt, contaminants and disbanded coating prior to application of touch-up coating (see SSPC SP-2 "Hand Tool Cleaning" or SP-3 "Power Tool Cleaning" for additional guidance).

5.0 ANODE INTEGRITY

- 5.1 sti-P3® tanks may be equipped with either zinc or magnesium anodes. Whereas magnesium anodes are designed only for installation in soil resistivities of 2000 ohms-cm or greater, zinc anodes are effective in all soil resistivities.
- 5.2 After an sti-P3® tank has been placed in the excavation, if anode is connected by a lead wire, attachment to the tank shall be checked to assure this connection has not been damaged. Where damaged, the connection must be re-established in strict accordance with this specification.

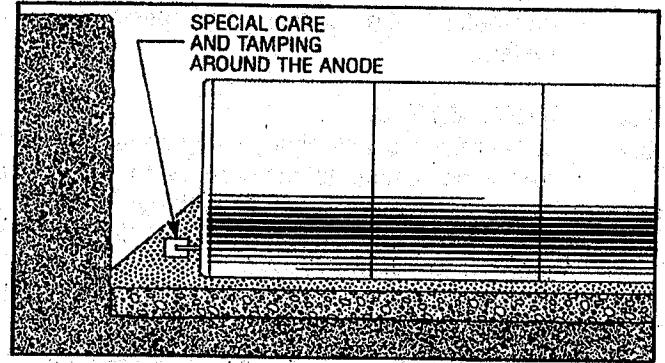


6.3

required if the hold-down strap is fabricated from non-conductive material. Ballasting the tank may be necessary. When water is used as the ballast material, it shall only be potable water and shall not remain in the tank longer than 60 days. During construction, adequately vent all tank spaces. If product is used as ballast, proper precautions must be taken to prevent fires, spills, leaks, and other associated accidents. Monitor product level frequently to ensure there has been no unaccounted loss of product. Do not over tighten hold-down straps beyond snug and do not re-tighten hold-down straps after ballasting.

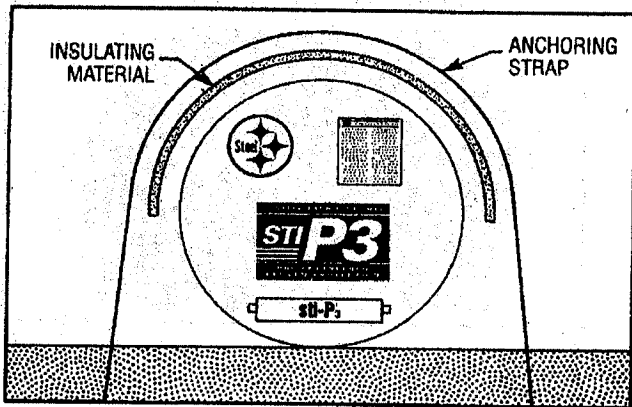
5.3 To assure immediate operation of cathodic protection system, each anode shall be thoroughly saturated with water at time of backfill operations.

7.0 BACKFILLING

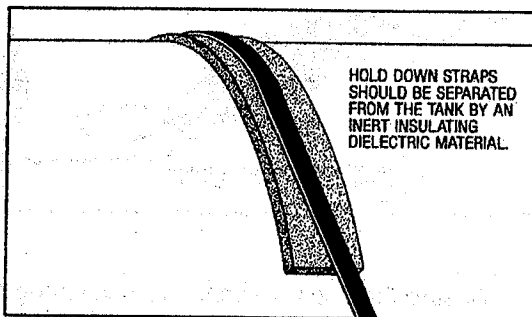
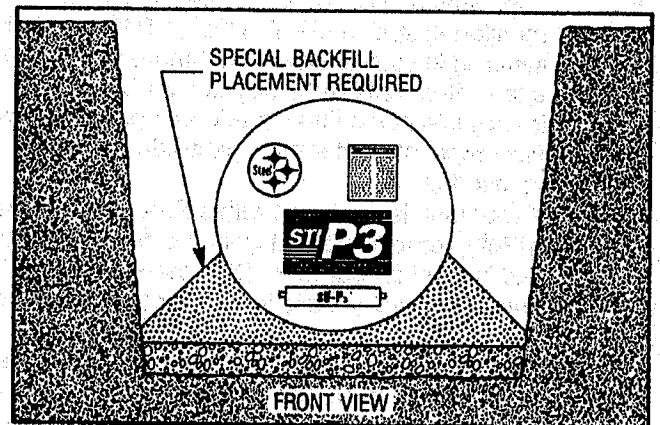


7.1 Homogeneous backfill similar to bedding material shall be placed carefully around the entire tank to create a uniform homogeneous environment. Avoid damage to coating especially where tamping is required.

6.0 ANCHORING



6.1 High water tables or partially flooded excavation sites exert significant buoyant forces on tanks. Buoyant forces are partially resisted by the weight of the tank, the backfill and the pavement atop the tank. Additional buoyant restraint, when required, shall be obtained by using properly designed hold-down straps in conjunction with concrete hold-down slabs or deadman anchors. The use of steel cable and/or round bar as hold-down straps on the tank is prohibited.

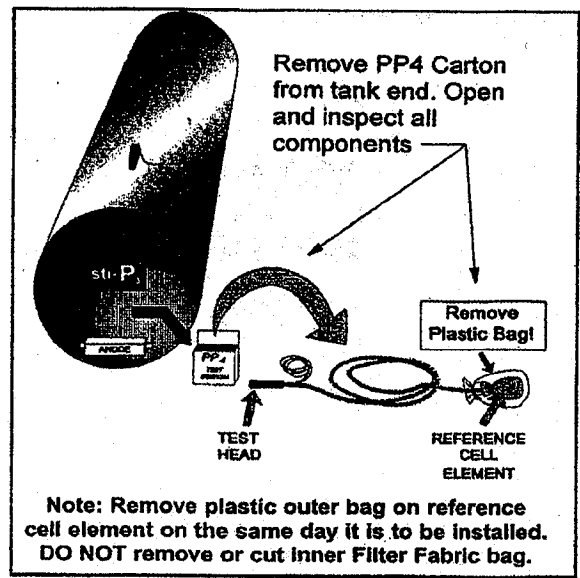
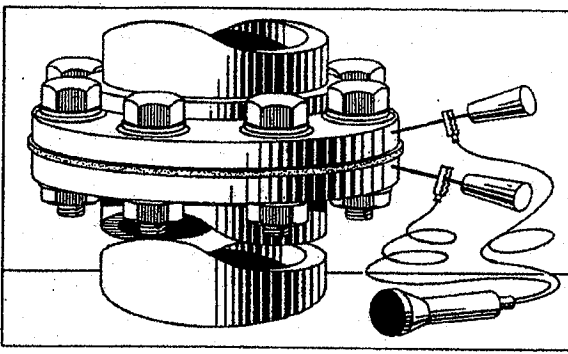


6.2 If a metallic hold-down strap is used, a pad of inert insulating di-electric material must be used to insulate the hold-down strap from the tank. The separating pad shall be wider than the hold-down straps, which will prevent direct contact between the straps and the tank shell. This pad is not

7.2

Installing and tamping backfill along the bottom sides of the tank shall ensure that the tank is fully and evenly supported around the bottom quadrant. Prior to backfilling to top of tank, all openings shall be visually inspected to assure that the sti-P₃® nylon bushings remain in place. Where flanged openings have been used, isolation of the flange gaskets shall be confirmed with a continuity tester. No current shall pass through the factory installed flange gaskets. Isolation of the fittings is required to assure tank integrity.

7.3

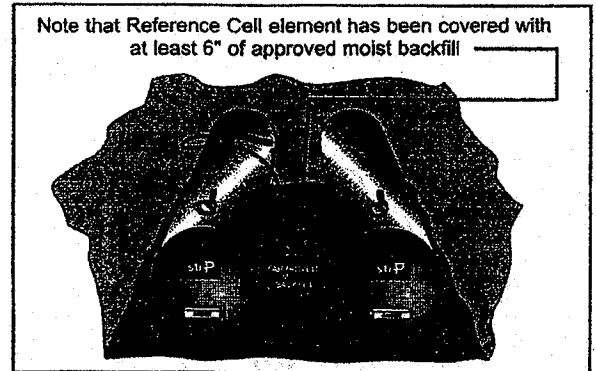


7.4 If the tank is to be installed in the presence of an impressed current system, the effect of the system must be considered on the sti-P3[®] tank. The corrosion consultant must consider including the sti-P3[®] tank into the design of the impressed current system.

8.0 FINAL AIR TEST

8.1 Install required tank piping using compatible non-hardening sealant, taking care not to cross thread or damage the non-metallic bushings. Torque of 400 to 1,000 ft-lbs (542.3 to 1355.8 N-m) may be required to fully insert pipe.

8.2 Where air or hydrostatic testing is required after installation, the pressure applied shall not be in excess of 5 pounds per-square-inch (34.5 kPa) as measured at the top of the tank. A soap solution shall be applied around pipe connectors while air test is being performed.



9.0 TANK MONITORING SYSTEM INSTALLATION

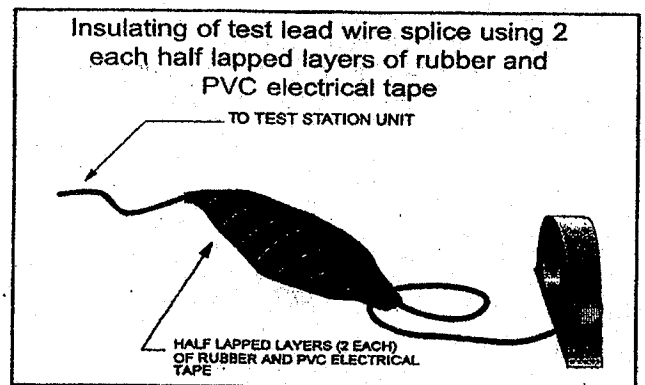
9.1 Each tank shall have a cathodic protection monitoring station (PP4[®], PP2[®], PP1[®], or other) installed in such a way so that there will be at least a tank structure lead easily accessible and identifiable at the finish grade and provide easy placement of a reference electrode during monitoring.

9.2 If your tank is equipped with a Protection Prover 4 (PP4[®]), remove the unit from the shipping carton and inspect for damage. (See the separate manufacturers' installation instructions for specific details.)

9.3 Prior to installation of the PP4[®], remove the plastic bag from the reference cell element. After the tanks have been placed in the excavation, position the reference cell element midway from front to back between two tanks so that it is covered by 6 inches (152 mm) of moist bedding material.

9.4 Drape the flexible pipe up to the top of the tank and temporarily secure the pipe to prevent damage during backfill operations. Backfill the excavation until the tanks are almost covered.

9.5 Locate the PP4[®] test head in its approximate final position and support with a wooden stake or other similar device. Connect the appropriate tank test wire from the reference cell element to the black test lead already installed on the tank using the hardware supplied or by performing a field splice.



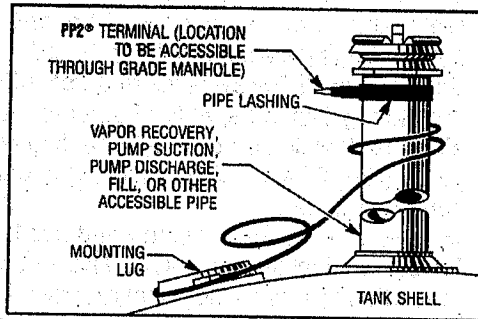
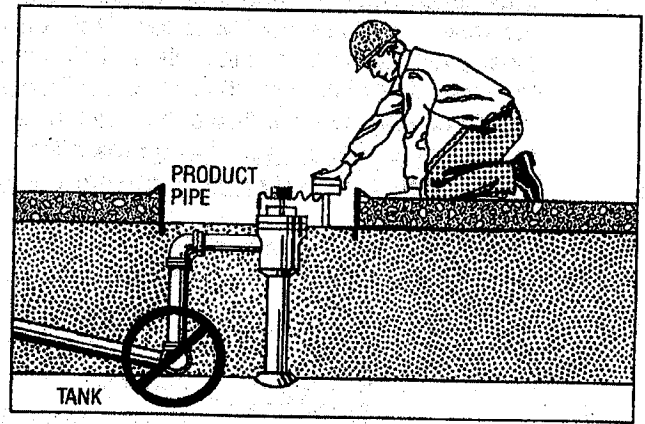
9.6 Assure that the wire connection is strong by simultaneously placing tension on the wire at either side of the connection point. Protect the wire connection from corrosion using the material supplied with the PP4[®] or by wrapping the connection in half lapped layers of rubber and PVC electrical tape.

9.7 The test head shall be placed in a small grade manhole to protect it from vehicular traffic or set directly in the concrete covering for the excavation. During pouring of the at-grade slab protect the metal contact points on the test head from being covered by concrete.

9.8 If your tank is equipped with a Protection Prover 2® (PP2®), prior to completion of the backfill, the monitoring terminal located near the top of the tank must be positioned as follows:

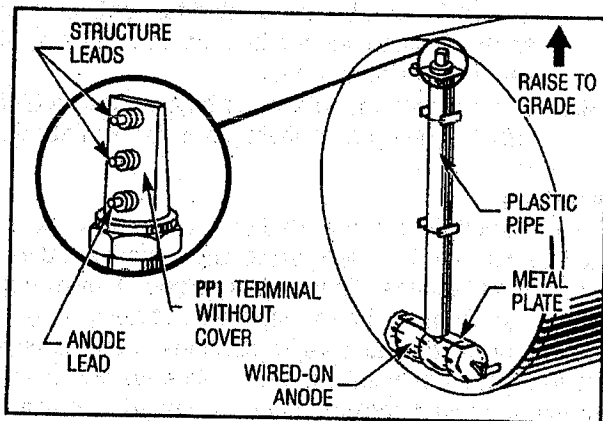
9.8.1 Select a terminal location on a pipe near grade that will be accessible through a grade manhole upon completion of installation.

9.8.2 Loosen the black nylon pipe lashing by releasing the locking tab. Uncoil enough lead wire from the tank mounting lug to reach the terminal location with an additional 4 feet (1.2 m) of slack.



9.8.3 Secure the PP2® terminal to the pipe by tightening the black nylon pipe lashing. The lead wire terminations shall remain sealed.

9.8.4 Route wire to avoid strain or breakage during backfill. Do not cover PP2® terminal with backfill material.

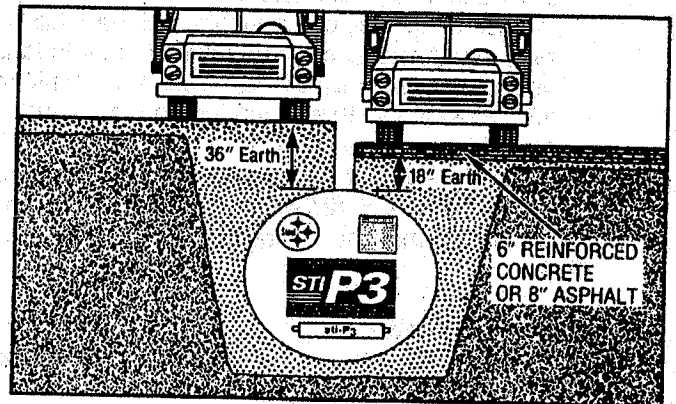


9.9 If the tank is equipped with a Protection Prover 1 (PP1®) monitoring system, which includes a monitoring test station mounted at the end of the tank, prior to any backfilling, extend the monitoring system to 4 inches (102 mm) below grade level without pulling it out of the mounting bracket. The PP1® test station shall be protected by a grade manhole of 7½ inches (191 mm) minimum diameter.

10.0 ELECTRICAL CONTINUITY TEST

10.1* Contact between the steel tank and all other structures such as external and internal piping, pumps, valves, gauge and monitoring equipment, and grounding systems, will nullify the cathodic protection design. Prior to backfill, a simple continuity test between the tank lead wire and each connected system will verify the electrical isolation. Continuity shall not be present. After backfill, continuity can be checked with a high impedance voltmeter by fixing a copper/copper sulfate reference cell in the soil and contacting all structures with the other voltmeter lead wire. Do not move the reference cell. Potential differences between the tank to soil and all other structures to soil must exceed 10 millivolts to verify electrical isolation.

11.0 FINAL BACKFILL

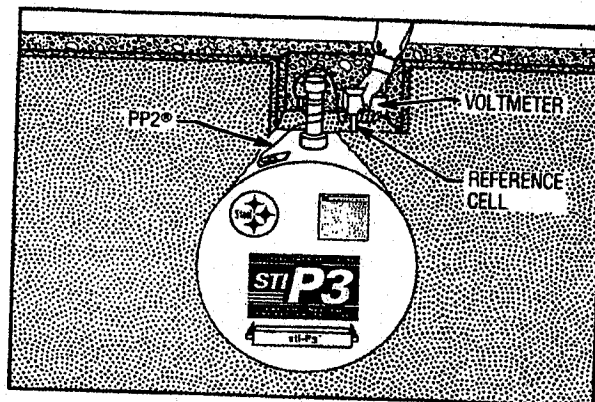


11.1 Homogeneous backfill shall be deposited carefully around the tank and to a depth of at least one foot (305mm) over the tank. (See NFPA 30 and state or local codes for minimum depth of cover required).

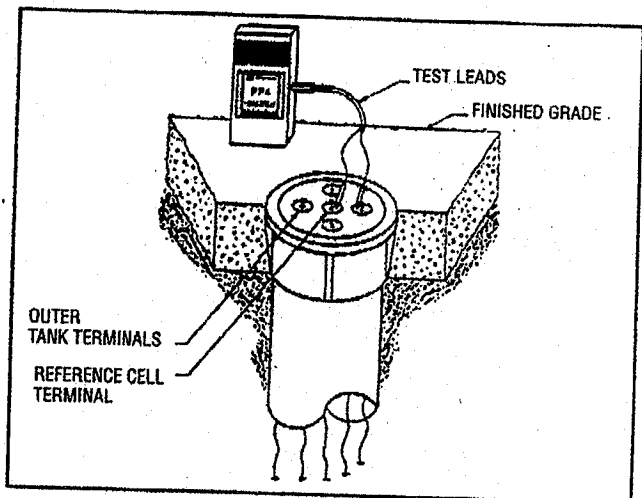
12.0 POST-INSTALLATION CATHODIC PROTECTION MONITORING

12.1 All tanks must be monitored to assure proper installation and ensuing cathodic protection of the tank. Before pouring concrete or asphalt pad atop tank, a tank to soil potential reading with a high - 6

impedance voltmeter and copper/copper sulfate reference electrode must be taken. Reference electrode shall be placed in moist soil directly above the tank. A minimum reading of -850 millivolts should be obtained to indicate that the tank anodes are activated. **Record reading on installer information card and other permanent files.**



- 12.2 If the tank is connected to a PP4® test station the cathodic protection can be easily verified using a



high impedance digital volt-meter. Touch the meter probes to the appropriate test head terminals as shown in the diagram above. As stated in 12.1, a minimum reading of -850 millivolts should be obtained.

13.0 OPERATING LIMITATIONS

Operation of the tank above 120°F (49°C) requires the use of specific components and materials. The tank manufacturer must be notified, prior to tank use, of the owner's intent to operate this tank above 120°F (49°C) so that proper components and materials can be incorporated.

- 13.1 When the product stored is heated, the temperature inside the tank shall be constantly monitored to assure the maximum allowable temperature) is not exceeded.

14.0 MAINTENANCE

- 14.1 The primary tank shall be inspected monthly for the presence of water. Inspection shall take place at the lowest possible points inside the primary tank. Remove any water found. Water and sediment in fuel can cause plugging of filters. Also, bacterial growth, originating from the fuel, can cause filters to plug and corrosion of tanks and lines. For procedures on how to check for the presence of water and removal of water, refer to API Recommended Practice 1621, Appendix D and API Standard 2610. Another source of information is a report by the US Department of Energy, Brookhaven National Laboratory BNL 48406, which provides information on methods to test for and

remove water, test for bacterial presence in fuel, tank cleaning and fuel additives.

- 14.2 sti-P3® tanks shall be tested for cathodic protection at installation in 3 year intervals for the life of the installation and after any activity that might affect the CP system. sti-P3® tanks which might otherwise be classified as ACT-100® composite tanks, due to factory attachment of anodes, do not require testing every third year. In addition, double-wall sti-P3® systems that use interstitial monitoring that is capable of detecting a breach of either tank wall, do not require testing every third year. (See EPA UST Technical Compendium for complete details www.epa.gov/swerust1/compend/nus18lh.pdf). Follow applicable local, state, and federal regulations for any additional requirements. Reference NACE RP-0285 for more specifics on protection criteria.

- 14.3 Tank must be installed within one year of delivery from tank manufacturer. If tank is not installed within this time period, contact tank manufacturer to recertify the tank.

- 14.4 Safety considerations and controls should be established prior to undertaking physical activities associated with USTs. Some hazards associated with USTs are, but not limited to, confined space entry, cleaning, inspection, moving and any other aspect of in-service work.

- 14.4.1 Contact tank manufacturer before moving tank for information on recertifying tank for continued use.

Disclaimer

These instructions are 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 applicable federal, state and local laws, regulations and ordinances concerning tank installation. STI makes no warranties, express or implied, including but not limited to, any implied warranties of merchantability or fitness for a particular purpose, as a result of these installation instructions.

Contact STI for the latest version of these Installation Instructions or visit the STI website at www.steeltank.com.



CATHODICALLY PROTECTED UNDERGROUND STORAGE TANKS



INSTALLATION CHECKLIST

R321

JUNE 2010

Owner of Tank: _____
Location of Tank: _____

sti-P3® Label No: _____
Date: _____

HANDLING CHECK()
The handling equipment is of adequate size and capacity to lift and lower the tank without dragging or dropping. _____

The repair of any damaged laminate areas has been made in accordance with installation instructions. _____

Plastic wrap has been removed from the weld-on zinc anode. _____

EXCAVATION
the site has been excavated deep enough to enable 1 foot of compacted clean sand or gravel to act as bedding material between native soil and tank when anchoring is not required. _____

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

TESTING
The tank has been air-tested at 5 psig (kPa) while applying soap solution onto weld seams and fittings to check or leaks. OR
a vacuum test has been performed in accordance with the fabricator's instructions. _____

All local and state testing requirements have been performed. _____

ANCHORING (check one)
Not applicable to this site. _____
Deadman anchors used. _____
Concrete pad. _____
Soil and pavement overburden will hold down tank (reference PEI/RP 100). _____

When anchoring with a concrete hold down pad, a minimum 6 inch (152.4 mm) layer of pea over the concrete pad dimensions to separate tank from pad. _____

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. _____

Tank is electrically isolated from the hold down strap. _____

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

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. _____

PIPE CONNECTIONS
Electrical isolation of flanged connections has been verified with a continuity tester. _____

Prior to backfilling over tank top, but after piping to the tank, electrical isolation of tank from all equipment has been verified. No continuity shall be present. _____

TANK MONITORING
The cathodic protection monitoring station has been installed and brought to grade and access to the soil above the tank has been provided. _____

Verify operation of the cathodic protection system by: A tank to soil potential reading obtained with a high impedance voltmeter and a copper/copper sulfate reference electrode installed with the tank or placed immediately above the tank in soil.
Record reading: _____ millvolts

The tank owner has received the above information. _____

All other facets of tank installation have been made in accordance with sti-P3® instructions. _____

Signature and Title of Installing Foreman and/or Project Engineer

Installing Contractor

944 Donata Court
Lake Zurich IL 60047
Phone: 847-438-8265
Fax: 847-438-8766



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

sti-P3® 10 Year Limited Warranty Validation Card

Please complete this form to validate your Limited Warranty. This card must be completely and accurately filled out and returned to STI within 30 days after the tank is installed, or within 90 days after the tank is shipped from the manufacturer, whichever comes first. By signing this form, the tank owner verifies that the tank was installed in accordance with STI Installation Instructions, the product stored is compatible with the tank, and the owner has read and agrees with the terms of the Limited Warranty, included with this form.

STI-P3 Label #: _____ Shipment Date: _____
 Manufacturer's Name: _____ Installed Date: _____

TANK LOCATION INFORMATION

Name of Facility (where tank is installed): _____
 Street address: _____
 City: _____ State: _____ ZIP: _____ Country: _____
 Contact: _____ Phone: _____

Product(s) Stored in this Tank:

<input type="checkbox"/> Wastewater or Water	<input type="checkbox"/> Heating Oil (Petroleum #1, #2, #4, #5 WHICH IS NOT HEATED)	<input type="checkbox"/> Private Residence	<input type="checkbox"/> Hospital
<input type="checkbox"/> Diesel fuel or kerosene for powering motor vehicles	<input type="checkbox"/> Diesel for powering generators	<input type="checkbox"/> Gas Station	<input type="checkbox"/> Farm/Nursery
<input type="checkbox"/> Gasoline	<input type="checkbox"/> Alcohol Blended Gasoline	<input type="checkbox"/> Convenience Store	<input type="checkbox"/> School
<input type="checkbox"/> AV/GAS	<input type="checkbox"/> Jet Fuel	<input type="checkbox"/> Jobber	<input type="checkbox"/> Government
<input type="checkbox"/> Biodiesel	<input type="checkbox"/> Crude Oil	<input type="checkbox"/> Car Dealer	<input type="checkbox"/> Marina
<input type="checkbox"/> Oil/Water Separator	<input type="checkbox"/> Waste Oil	<input type="checkbox"/> Fleet Owner	<input type="checkbox"/> Airport
<input type="checkbox"/> Other Chemicals:		<input type="checkbox"/> Other _____	<input type="checkbox"/> Industrial Site
<input type="checkbox"/> Product which is heated during storage			<input type="checkbox"/> Utility Site

#6 Heated Oil - THERE IS NO WARRANTY FOR ANY TANK STORING THIS PRODUCT

MAILING ADDRESS FOR TANK OWNER

Owner name: _____ Phone: _____
 Mailing address: _____ P.O. Box: _____
 City: _____ State: _____ Zip: _____

INSTALLER INFORMATION

Installation Company Name: _____ Phone: _____

SIGNATURE REQUIRED

My signature below verifies that this tank was installed in accordance with STI Installation Instructions, the product stored is compatible with the tank and I have read and agree with the terms of the Limited Warranty, provided with this document.

Check here to request a Quote from Veri-Tank on Cathodic Protection Testing

Signature (of person providing this information): _____ Date: _____

Please Print Name: _____
 Company Name: _____ Phone: _____

KEEP A COPY OF THIS DOCUMENT FOR YOUR FILES - RETURN THE ORIGINAL TO:
 STEEL TANK INSTITUTE • 570 Oakwood Rd. • Lake Zurich, IL 60047 • 847/438-8265 • FAX 847/438-8766
ankiefer@steeltank.com

sti-P-® Limited Warranty
Limitations of Liability and Disclaimer

What is Covered by this Warranty
Provided that the conditions set forth below are satisfied, the steel tank manufacturer identified with the tank (hereinafter referred to as "Warrantor") warrants the sti-P-® tank for 10 years following delivery of the tank to the tank owner at the time of the original installation ("the Owner"), against any of the following events which may occur, provided the event occurs under operating conditions covered by this Warranty: (i) non-corrosion related structural failure; (ii) corrosion caused by reaction of the tank with its soil environment; and (iii) perforation of the steel tank caused by internal corrosion for those tanks equipped with wear plates and used to store heating or motor fuels, including alcohols, and other compatible chemicals. In addition, the Warrantor warrants the tank against failure due to defective materials and workmanship for up to 1 year following the delivery of the tank to the Owner.

Conditions to Warranty Effectiveness

The limited warranties set forth herein are subject to the following conditions:

1. The sti-P-® tank: (i) must be the original underground installation within the Continental United States of America, Alaska, Hawaii, and the Commonwealth of Puerto Rico or Canada; (ii) installed, operated and maintained in accordance with the applicable sti-P-® specifications and the applicable sti-P-® Installation Instructions that were in effect on the date of shipment by the Warrantor; any subsequent maintenance procedures of which the Owner has written notice, and any applicable governmental codes and regulations; and (iii) operated at a temperature no greater than 120° F and the maximum temperature limitations of the tank and its components as set forth in the specifications for the tank; and (iv) not used for the storage of #6 heated oil. Refer to the Installation Instructions on the back of this document for technical requirements concerning relocation of this tank by the original owner. In order to retain warranty eligibility, Tanks remaining in their original installation location will retain warranty eligibility if the facility where the tank is installed is sold to a new owner.
2. This Limited Warranty is not valid unless, and until, the Warranty Validation Card is fully completed by the Owner and returned to Steel Tank Institute (STI) within 30 days after the date of tank installation, or 90 days after the Warrantor's shipment of the tank, whichever comes first.
3. Upon discovery of a suspected tank failure or leak by the Owner, the Owner shall give the Warrantor written notice of the suspected tank failure or leak and permit the Warrantor or its designated representative to inspect the tank site prior to, during and after excavation of the tank. The tank owner bears the responsibility to identify that the cause of the failure is from one of the events within the conditions covered by the Warranty.
4. Upon the Warrantor's determination that the tank failure or leak is covered by this Limited Warranty, the Warrantor at its sole option shall: (1) repair the tank; or (2) replace it with a tank of approximately the same size, design, quality of material and workmanship specified for the original tank; or (3) refund the purchase price of the original tank. If the Warrantor is unable to repair or replace the tank, it shall refund the original purchase price of the tank.

What is Not Covered by this Warranty

Warrantor does not warrant any piping system or any other attachments connected with the tank. Under no circumstances, shall the Warrantor be liable for (1) the cost of repair or replacement of any piping system or other attachments to the tank; or (2) labor costs or other installation costs for tank repair or replacement; or (3) damage to the tank or other property resulting from the accumulation of water in the tank; or (4) damage caused by excessive operating temperatures or other improper operating or maintenance practices; or (5) tank failure due to defective materials and workmanship later than one year following delivery of the tank to the Owner.

Limitation of Liability and Exclusion of Other Remedies and Damages

The foregoing remedy of repair, replacement or refund shall constitute the sole and exclusive remedy to the Owner. Under no circumstances, shall the liability of the Warrantor, or its affiliates or subsidiaries, under this warranty, exceed the purchase price of the tank.

IN NO EVENT SHALL THE WARRANTOR, OR ITS AFFILIATES OR SUBSIDIARIES, BE LIABLE FOR CLAIMS OF PERSONAL INJURY OR FOR SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, LOSS OF USE OF THE TANK OR ANY ASSOCIATED EQUIPMENT, COST OF THE SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME COST, CLAIMS OF CUSTOMERS OF THE OWNER FOR SUCH DAMAGES, OR FOR DAMAGE TO PROPERTY, WHETHER SUCH CLAIM SHALL BE FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OR STRICT LIABILITY, AND WHETHER SUCH CLAIM ARISES OUT OF OR RESULTS FROM THIS LIMITED WARRANTY, OR EXPRESS OR IMPLIED WARRANTIES, OR FROM THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, INSTALLATION, TECHNICAL DIRECTION OF INSTALLATION, INSPECTION, REPAIR, OPERATION OR USE OF THE TANK.

Consumer Notice

The exclusion of indirect or consequential damages and the limitation of implied warranties herein may not be applicable to purchasers who are deemed "consumers" and who reside in states that do not allow the limitation of implied warranties or the exclusion of indirect or consequential damages otherwise applicable to consumers. Moreover, if you are deemed a "consumer", you may have specific legal rights in addition to those set forth in this warranty, which rights vary from state to state.

Disclaimer of Other Warranties

THE FOREGOING LIMITED WARRANTY IS THE ONLY WARRANTY MADE. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Financial Assurance

Warrantor may have purchased insurance to cover some of its warranty obligations under this Limited Warranty. Such insurance would provide financial assurance for Warrantor's warranty obligations, but would not insure the Owner directly. If the Warrantor has purchased such insurance coverage, the Owner may request that the Warrantor provide a certificate of insurance to evidence Warrantor's purchase of such insurance.

Effective with tanks shipped on or after January 1, 2008.

INSTALLATION INSTRUCTIONS FOR STI-P[®] UNDERGROUND STEEL STORAGE TANKS

- 1.0 EXCAVATION AND BEDDING
 - 1.1 The bottom of the excavation shall be covered with a minimum of 12 inches (305 mm) of bedding, suitably graded and leveled. Bedding and backfill material surrounding the tank, to a width and depth of 12 inches (305 mm) all around the tank, shall be clean material.
 - 1.2 Where anchoring by means of a concrete pad, the tank shall not be placed directly on the pad. Bedding material at least 6 inches (152.4 mm) deep must be spread evenly over the dimensions of the pad to separate the tank from the pad.
 - 1.3 Bedding and backfill material shall consist of homogeneous pea gravel, crushed stone, clean sand or natural earthen materials. Crushed stone, clean sand and natural earthen materials shall be capable of passing 100% through a 1/2 inch (13 mm) sieve and no more than 25% by dry weight through a #200 sieve (0.0029 inch (0.0754 mm)). Pea gravel shall be no larger than 3/4-inch (19 mm). The materials shall be free of all foreign materials, such as but not limited to, bricks, metals, concrete and plasters.
 - 1.4 The backfill material may be from the tank site if it meets this description, or it may be delivered to the site from another source.
 - 1.5 Sand or natural earthen materials used as backfill shall be placed into the excavation in 12-18 inch (305-458 mm) vertical lifts, compacted after each lift, at least 60% up the vertical height of the tank.
 - 1.6 If earthen material from the site, or other earthen material, is to be used as bedding or backfill material, a minimum of four 1 cu ft. samples shall be taken from different locations which are representative of the backfill material and the site. Samples shall be sieved to determine if the material complies with this specification.
 - 1.7 In a tidal area, the tank "bedding" material shall be crushed stone or pea gravel. Sand and natural earthen material may be used only if measures are taken to prevent washout of material during the design life of the system.
 - 2.0 AIR TEST AT JOB SITE
 - 2.1 Temporary plugs and thread protectors installed by the manufacturer shall be removed. Apply compatible, non-hardening pipe sealant to internal bushing threads. Permanent metal plugs shall be installed at all unused openings.
 - 2.2 The nylon bushings in st-33@ tanks shall not be removed from the unused openings. Plugs used to temporarily seal the tank for the above ground air test, but later removed for pipe installation, shall not be over tightened. Do not cross thread or damage the nylon bushings when replacing plugs or installing required tank piping.
 - 2.3 Test pressure shall be maintained at, without exceeding, 5 psig (34.5 kPa) while a soap solution is applied to the area of pipe connections and welds.
 - 2.4 Dual wall tanks shall require different air pressure testing procedures. Do not connect a high pressure air line directly to the interstitial monitoring port recommendations. Do not apply a vacuum to the primary tank or a single wall tank. PE/IRP 100-00 also provides guidelines.
 - 2.5 Take necessary safety precautions during air tests. Do not leave tanks unattended. Avoid standing at the head of the tank, especially while applying air pressure. Use an air-pressure relief valve.
 - 3.0 COATING INSPECTION
 - 3.1 Before placing the tank in the excavation, all dirt clods and similar foreign matter shall be cleaned from the tank, and areas of coating damage shall be repaired with touch-up coating kit provided.
 - 3.2 Clean damaged coating areas through removal of surface rust, dirt, contaminants and disbonded coating prior to application of touch-up coating (see SSPC SP-2 "Hand Tool Cleaning" or SP-3 "Power Tool Cleaning" for additional guidance).
 - 4.0 TANK HANDLING
 - 4.1 Controlled offloading of the tank shall be allowed.
 - 4.2 Equipment to lift the tank shall be of adequate size to lift and lower the tank without dragging or dropping to ensure there is no damage to the tank or the coating.
 - 4.3 Tanks shall be carefully lifted and lowered by use of cables or chains of adequate length attached to the lifting lugs provided. A spreader bar shall be used where necessary. Under no circumstances shall chains or slings be used around the tank shell.
 - 5.0 ANODE INTEGRITY
 - 5.1 st-33@ tanks may be equipped with either zinc or magnesium anodes. Whereas magnesium anodes are designed only for installation in soil resistivities of 2000 ohm-cm or greater, zinc anodes are effective in all soil resistivities.
 - 5.2 After an st-33@ tank has been placed in the excavation, if anode is connected by a lead wire, attachment to the tank shall be checked to assure this connection has not been damaged. Where damaged, the connection must be re-established in strict accordance with this specification.
 - 5.3 To assure immediate operation of cathodic protection system, each anode shall be thoroughly saturated with water at time of backfill operations.
 - 6.0 ANCHORING
 - 6.1 High water tables or partially flooded excavation sites exert significant buoyant forces on tanks. Buoyant forces are partially resisted by the weight of the tank, the backfill and the pavement atop the tank. Additional buoyant restraint, when required, shall be obtained by using properly designed hold-down straps in conjunction with concrete hold-down slabs or deckman anchors. The use of steel cable and/or round bar as hold-down straps on the tank is prohibited.
 - 6.2 If a metallic hold-down strap is used, a pad of inert insulating dielectric material must be used to insulate the hold-down strap from the tank. The separating pad shall be wider than the hold-down straps, which will prevent direct contact between the straps and the tank shell. This pad is not required if the down strap is fabricated from non-conductive material.
 - 6.3 Ballasting the tank may be necessary. When water is used as the ballast material, it shall only be potable water and shall not remain in the tank longer than 60 days. During construction, adequately vent all tank spaces. If product is used as ballast, proper precautions must be taken to prevent fires, spills, leaks, and other associated accidents. Monitor product level frequently to ensure there has been no unaccounted loss of product. Do not over tighten hold-down straps beyond snug and do not re-tighten hold-down straps after ballasting.
 - 7.0 BACKFILLING
 - 7.1 Homogeneous backfill similar to bedding material shall be placed carefully around the entire tank to create a uniform homogeneous environment. Avoid damage to coating especially where tamping is required.
 - 7.2 Installing and tamping backfill along the bottom sides of the tank shall ensure that the tank is fully and evenly supported around the bottom quadrant.
 - 7.3 Prior to backfilling to top of tank, all openings shall be visually inspected to assure that the st-33@ nylon bushings remain in place. Where flanged openings have been used, isolation of the flange gaskets shall be confirmed with a continuity tester. No current shall pass through the factory installed flange gaskets. Isolation of the fittings is required to assure tank integrity.
 - If the tank is to be installed in the presence of an impressed current system, the effect of the system must be considered on the st-33@ tank. The corrosion consultant must consider including the st-33@ tank into the design of the impressed current system.
 - 8.0 FINAL AIR TEST
 - Install required tank piping using compatible non-hardening sealant, taking care not to cross thread or damage the non-metallic bushings. Torque of 400 to 1,000 ft-lbs (542.3 to 1355.8 N-m) may be required to fully insert pipe.
 - Where air or hydrostatic testing is required after installation the pressure shall not be in excess of 5 psig (34.5 kPa) as measured at the top of the tank. A soap solution shall be applied around pipe connectors while air test is being performed.
 - Tank Monitoring system Installation
 - 9.1 Each tank shall have a cathodic protection monitoring station (PP4@, PP2@, PP1@, or other) installed in such a way so that there will be at least a tank structure lead easily accessible and identifiable at the finish grade and provide easy placement of a reference electrode during monitoring.

- 9.2 If your tank is equipped with a Protection Prover 4 (PP4), remove the unit from the shipping carton and inspect for damage. (See the separate manufacturers' installation instructions for specific details.)
- 9.3 Prior to installation of the PP4@, remove the plastic bag from the reference cell element. After the tanks have been placed in the excavation position the reference cell element midway from front to back between two tanks so that it is covered by 6 inches (152mm) of moist bedding material.
- 9.4 Drape the flexible pipe up to the top of the tank and temporarily secure the pipe to prevent damage during backfill operations. Backfill the excavation until the tanks are almost covered.
- Locate the PP4@ test head in its approximate final position and support with a wooden stake or other similar device. Connect the appropriate tank test wire from the reference cell element to the black test lead already installed on the tank using the hardware supplied or by performing a field splice.
- 9.6 Assume that the wire connection is strong by simultaneously placing tension on the wire at either side of the connection point. Protect the wire connection from corrosion using the material supplied with the PP4@ or by wrapping the connection in half-inch layers of rubber and PVC electrical tape.
- 9.7 The test head shall be placed in a small grade manhole to protect it from vehicular traffic or set directly in the concrete covering for the excavation. During pouring of the aggregate slab protect the metal contact points on the test head from being covered by concrete.
- 9.8 If your tank is equipped with a Protection Prover 2@ (PP2@), prior to completion of the backfill, the monitoring terminal located near the top of the tank must be positioned as follows:
- 9.8.1 Select a terminal location on a pipe near grade that will be accessible through a grade manhole upon completion of installation.
- 9.8.2 Loosen the black nylon pipe lashing by releasing the locking tab. Uncoil enough lead wire from the tank mounting lug to reach the terminal location with an additional 4 feet (1.2 m) of slack.
- 9.8.3 Secure the PP2@ terminal to the pipe by tightening the black nylon pipe lashing. The lead wire terminations shall remain sealed.
- 9.8.4 Route wire to avoid strain or breakage during backfill. Do not cover PP2@ terminal with backfill material.
- 9.9 If the tank is equipped with a Protection Prover 1 (PP1@) monitoring system, which includes a monitoring test station mounted at the end of the tank, prior to any backfilling, extend the monitoring system to 4 inches (102 mm) below grade level without pulling it out of the mounting bracket. The PP1@ test station shall be protected by a grade manhole of 7 1/4 inches (191 mm) minimum diameter.
- 10.0 TANK EQUIPMENT
- 10.1 This tank requires venting. Refer to applicable local codes and PEI RP-100 for proper installation.
- 10.2 Contact between the steel tank and all other structures such as external and internal piping, pumps, valves, gauge and monitoring equipment, and grounding systems, will nullify the cathodic protection design. Prior to backfill, a simple continuity test between the tank lead wire and each connected system will verify the electrical isolation. Continuity shall not be present. After backfill, continuity can be checked with a high impedance voltmeter by fixing a scopercopper sulfate reference cell in the soil and contacting all structures with the other voltmeter lead wire. Do not move the reference cell. Potential differences between the tank to soil and all other structures to soil must exceed 10 millivolts to verify electrical isolation.
- 11.0 FINAL BACKFILL
- 11.1 Homogeneous backfill shall be deposited carefully around the tank and to a depth of at least one foot (305mm) over the tank. (See NPPA 30 and state or local codes for minimum depth of cover required.)
- 12.0 POST-INSTALLATION CATHODIC PROTECTION MONITORING
- 12.1 All tanks must be monitored to assure proper installation and ensuing cathodic protection of the tank. Before pouring concrete or asphalt pad atop tank, a tank to soil potential reading with a high impedance voltmeter and copper/copper sulfate reference electrode must be taken. Reference electrode shall be placed in moist soil directly above the tank. A minimum reading of -850 millivolts should be obtained to indicate that the tank anodes are activated. Record reading on installer information card and other permanent files.
- 12.2 If the tank is connected to a PP4@ test station the cathodic protection can be easily verified using a high impedance digital voltmeter. Touch the meter probes to the appropriate test head terminals as shown in the diagram above. As stated in 12.1, a minimum reading of -850 millivolts should be obtained.
- 13.0 OPERATING LIMITATIONS
- 13.1 Operation of the tank above 120°F (49°C) requires the use of specific components and materials. The tank manufacturer must be notified, prior to tank use, of the owner's intent to operate this tank above 120°F (49°C) so that proper components and materials can be incorporated.
- 13.1 When the product stored is heated, the temperature inside the tank shall be constantly monitored to assure the maximum allowable temperature is not exceeded.
- 14.0 MAINTENANCE
- 14.1 The primary tank shall be inspected monthly for the presence of water. Inspection shall take place at the lowest possible points inside the primary tank. Remove any water found. Water and sediment in fuel can cause plugging of filters. Also, bacterial growth, originating from the fuel, can cause filters to plug and corrosion of tanks and lines. For procedures on how to check for the presence of water and removal of water, refer to API Recommended Practice 1621, Appendix D and API Standard 2510. Another source of information is a report by the US Department of Energy, Brookhaven National Laboratory BNL 49406, which provides information on methods to test for and remove water, test for bacterial presence in fuel, tank cleaning and fuel additives.
- 14.2 st-P3@ tanks shall be tested for cathodic protection at installation in 3 year intervals for the life of the installation and after any activity that might affect the CP system. st-P3@ tanks which might otherwise be classified as ACT-100@ composite tanks, due to factory attachment of anodes, do not require testing every third year. In addition, double-wall st-P3@ systems that use interstitial monitoring that is capable of detecting a breach of either tank wall, do not require testing every third year. (See EPA UST Technical Compendium for complete details www.epa.gov/swerust1/compendiumst3.htm). Follow applicable local, state, and federal regulations for any additional requirements. Reference NACE RP-0285 for more specifics on protection criteria.
- 14.3 Tank must be installed within one year of delivery from tank manufacturer. If tank is not installed within this time period, contact tank manufacturer to re-certify the tank.
- 14.4 Safety considerations and controls should be established prior to undertaking physical activities associated with USTs. Some hazards associated with USTs are, but not limited to, confined space entry, cleaning, inspection, moving and any other aspect of in-service work.
- 14.4.1 Contact tank manufacturer before moving tank for information on re-certifying tank for continued use.

The chemical resistance, di-electric properties, and overall strength of the nylon, coupled with thread design that effectively eliminates the risk of cross threading, make the sti-P₃[®] nylon bushing an excellent component for the electrical isolation of the sti-P₃[®] corrosion control system.

Nylon is strong, tough, and relatively stiff over a wide temperature range, while maintaining good resistance to abrasion from repeated impact and most chemicals.

All nylons are hygroscopic and will absorb water and hydrocarbons. This process plasticizes the nylon adding toughness and resulting in slight dimensional changes without affecting the polymer. A nylon bushing in an

underground fuel tank will tend to expand due to its absorption properties, which will create and maintain a leak-tight seal.

If tanks exhibit slight air leaks at the fittings during aboveground air testing, additional torque must be applied to the bushing or fitting to effect a positive leakproof seal.

To assure a leak-tight seal the Installer must use an approved sealant, and tighten the plug or pipe to its maximum tightness. The nylon bushing will then perform like a gasket.

INSTALLATION INSTRUCTIONS

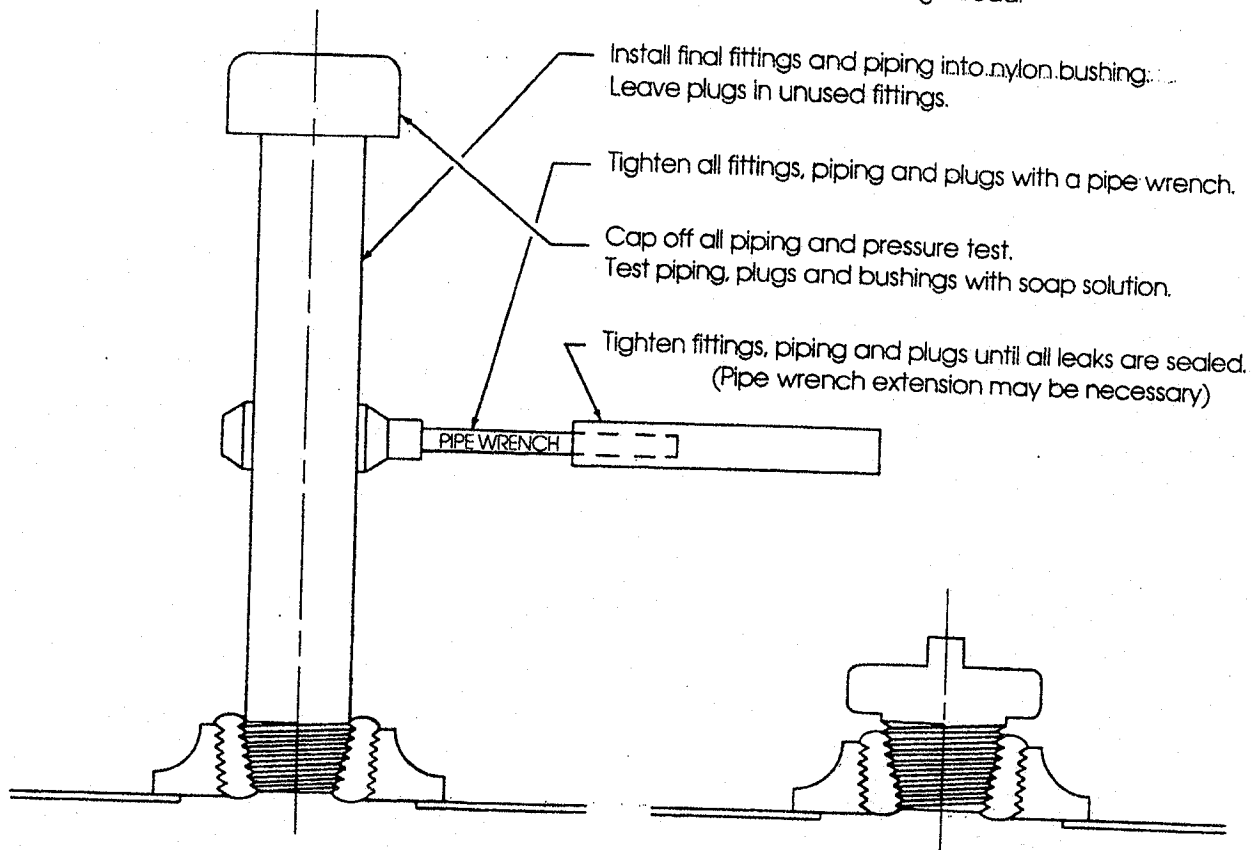
1. Nylon bushings are threaded electrical insulating gaskets. They are designed to provide a leak-proof seal.
2. Remove all factory installed plugs and thread protectors. Clean internal pipe thread.
3. Fill all internal pipe threads with approved pipe sealant. Nylon, having a very smooth surface, will not spread the pipe sealant into the steel pipe threads. Complete filling of all internal threads will produce an air-tight seal more efficiently.
4. Apply sealant and install all permanent plugs and desired piping into the preselected openings, and tighten them fully. These fittings will *not* be removed after the aboveground air test.
5. Install all temporary plugs and air-test apparatus into the designated openings. Application of a light layer of oil or grease to the male threads of these fittings will help facilitate easy removal after the air test.
6. Perform the air test as described in the sti-P₃[®] installation procedures and by local regulations. During the test additional tightening may be required at the fittings.
7. Immediately after the air test, remove the air test apparatus from the tank, clean the internal thread, and install a temporary plug in the opening until piping is to be installed.
8. When installing piping, remove temporary plugs and clean internal threads. Apply approved pipe sealant to all threads and install the piping as required.
9. Nylon is softer than steel and can be damaged by cross threading at the time of piping installation or by undue stresses placed on the piping during backfill process. All piping must be connected with the proper swing joints or flexible connectors to prevent undue strain to both the nylon bushing and piping system from ground movements due to construction and/or deep ground frost.

Nylon Bushing for Electrical Insulation of sti-P₃® Underground Tanks

INSTALLATION INSTRUCTIONS—Tank Installation Site

Follow these instructions to achieve leak-tight nylon bushing installation

Apply U.L. classified compatible pipe sealant to the entire surface of the female nylon bushing thread.



Use extreme caution when removing fittings, piping, or plugs after air test.

Damage to the nylon bushing may result.

If changes in fittings are necessary a new nylon bushing may be required;

contact tank manufacturer for details.

Nylon bushings are "threaded insulating gaskets" and must be thoroughly tightened at time of aboveground air test.

Steel Tank Institute
570 Oakwood Road
Lake Zurich, IL 60047
847/438-8265 Fax 847/438-8766



TO THE INSTALLER:

To assure immediate operation of Cathodic Protection System, each anode shall be thoroughly saturated with water at time of backfill operations.

All tanks must be monitored to assure proper installation and ensuing cathodic protection operation of the tank.

Before pouring concrete or asphalt pad atop tank, a tank to soil potential reading with a high impedance voltmeter and copper/copper sulfate reference electrode must be taken. Reference electrode shall be placed in moist soil directly above tank.

Record reading on the installer checklist or on the installer copy of the warranty validation card in the installation instruction brochure. Provide the installation checklist to the tank owner. Mail the installer warranty validation card to STI or provide it to the tank owner.

The tank-to-soil potential reading is required for the tank owner to validate the warranty on the sti-P₃® tank.

Generally a reading of more negative than -850 millivolts indicates the tank is protected from corrosion.

Capacity Chart

Enter your company name here

Customer:

Tank Description:

COLO. DEPART. OF TRANSPOR.

144" X 579"

EAT40000P3

JOB 8839

Serial Number:

UL #M32271 STI-P3 #274329

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 0 1/8 | 9 | 4 3/8 | 444 | 9 1/8 | 1,173 | 14 1/8 | 2,092 | 18 3/8 | 3,156 |
| 0 1/4 | 14 | 4 7/8 | 460 | 9 1/2 | 1,196 | 14 1/4 | 2,119 | 18 3/4 | 3,186 |
| 0 3/8 | 20 | 5 | 477 | 9 5/8 | 1,218 | 14 1/2 | 2,146 | 18 7/8 | 3,217 |
| 0 1/2 | 26 | 5 1/8 | 494 | 9 3/4 | 1,241 | 14 3/4 | 2,173 | 19 | 3,248 |
| 0 5/8 | 33 | 5 1/4 | 511 | 9 7/8 | 1,264 | 14 1/2 | 2,201 | 19 1/8 | 3,278 |
| 0 3/4 | 40 | 5 3/8 | 529 | 10 | 1,287 | 14 5/8 | 2,228 | 19 1/4 | 3,309 |
| 0 7/8 | 48 | 5 1/2 | 546 | 10 1/8 | 1,311 | 14 3/4 | 2,255 | 19 3/8 | 3,340 |
| 1 | 56 | 5 5/8 | 564 | 10 1/4 | 1,334 | 14 7/8 | 2,283 | 19 1/2 | 3,371 |
| 1 1/8 | 64 | 5 3/4 | 582 | 10 3/8 | 1,358 | 15 | 2,311 | 19 5/8 | 3,402 |
| 1 1/4 | 73 | 5 7/8 | 600 | 10 1/2 | 1,381 | 15 1/8 | 2,339 | 19 3/4 | 3,433 |
| 1 3/8 | 83 | 6 | 618 | 10 5/8 | 1,405 | 15 1/4 | 2,367 | 19 7/8 | 3,465 |
| 1 1/2 | 92 | 6 1/8 | 637 | 10 3/4 | 1,429 | 15 3/8 | 2,395 | 20 | 3,496 |
| 1 5/8 | 103 | 6 1/4 | 655 | 10 7/8 | 1,453 | 15 1/2 | 2,423 | 20 1/8 | 3,527 |
| 1 3/4 | 113 | 6 3/8 | 674 | 11 | 1,477 | 15 5/8 | 2,451 | 20 1/4 | 3,559 |
| 1 7/8 | 124 | 6 1/2 | 693 | 11 1/8 | 1,501 | 15 3/4 | 2,479 | 20 3/8 | 3,590 |
| 2 | 135 | 6 5/8 | 712 | 11 1/4 | 1,526 | 15 7/8 | 2,508 | 20 1/2 | 3,622 |
| 2 1/8 | 146 | 6 3/4 | 732 | 11 3/8 | 1,550 | 16 | 2,536 | 20 5/8 | 3,654 |
| 2 1/4 | 158 | 6 7/8 | 751 | 11 1/2 | 1,575 | 16 1/8 | 2,565 | 20 3/4 | 3,686 |
| 2 3/8 | 170 | 7 | 771 | 11 5/8 | 1,600 | 16 1/4 | 2,593 | 20 7/8 | 3,717 |
| 2 1/2 | 182 | 7 1/8 | 791 | 11 3/4 | 1,625 | 16 3/8 | 2,622 | 21 | 3,749 |
| 2 5/8 | 194 | 7 1/4 | 811 | 11 7/8 | 1,650 | 16 1/2 | 2,651 | 21 1/8 | 3,781 |
| 2 3/4 | 207 | 7 3/8 | 831 | 12 | 1,675 | 16 5/8 | 2,680 | 21 1/4 | 3,814 |
| 2 7/8 | 220 | 7 1/2 | 851 | 12 1/8 | 1,700 | 16 3/4 | 2,709 | 21 3/8 | 3,846 |
| 3 | 233 | 7 5/8 | 872 | 12 1/4 | 1,725 | 16 7/8 | 2,738 | 21 1/2 | 3,878 |
| 3 1/8 | 247 | 7 3/4 | 892 | 12 3/8 | 1,751 | 17 | 2,767 | 21 5/8 | 3,910 |
| 3 1/4 | 261 | 7 7/8 | 913 | 12 1/2 | 1,776 | 17 1/8 | 2,797 | 21 3/4 | 3,943 |
| 3 3/8 | 275 | 8 | 934 | 12 5/8 | 1,802 | 17 1/4 | 2,826 | 21 7/8 | 3,975 |
| 3 1/2 | 289 | 8 1/8 | 955 | 12 3/4 | 1,828 | 17 3/8 | 2,856 | 22 | 4,008 |
| 3 5/8 | 303 | 8 1/4 | 976 | 12 7/8 | 1,854 | 17 1/2 | 2,885 | 22 1/8 | 4,041 |
| 3 3/4 | 318 | 8 3/8 | 997 | 13 | 1,880 | 17 5/8 | 2,915 | 22 1/4 | 4,073 |
| 3 7/8 | 333 | 8 1/2 | 1,019 | 13 1/8 | 1,906 | 17 3/4 | 2,945 | 22 3/8 | 4,106 |
| 4 | 348 | 8 5/8 | 1,040 | 13 1/4 | 1,932 | 17 7/8 | 2,975 | 22 1/2 | 4,139 |
| 4 1/8 | 364 | 8 3/4 | 1,062 | 13 3/8 | 1,959 | 18 | 3,005 | 22 5/8 | 4,172 |
| 4 1/4 | 379 | 8 7/8 | 1,084 | 13 1/2 | 1,985 | 18 1/8 | 3,035 | 22 3/4 | 4,205 |
| 4 3/8 | 395 | 9 | 1,106 | 13 5/8 | 2,012 | 18 1/4 | 3,065 | 22 7/8 | 4,238 |
| 4 1/2 | 411 | 9 1/8 | 1,128 | 13 3/4 | 2,038 | 18 3/8 | 3,095 | 23 | 4,271 |
| 4 5/8 | 427 | 9 1/4 | 1,151 | 13 7/8 | 2,065 | 18 1/2 | 3,126 | 23 1/8 | 4,304 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32271 STL-P3 #274329

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|
| 23 1/8 | 4,338 | 27 7/8 | 5,618 | 32 1/2 | 6,980 | 37 1/8 | 8,412 | 41 1/2 | 9,904 |
| 23 3/8 | 4,371 | 28 | 5,653 | 32 5/8 | 7,018 | 37 1/4 | 8,452 | 41 7/8 | 9,945 |
| 23 1/2 | 4,405 | 28 1/8 | 5,689 | 32 3/4 | 7,056 | 37 3/8 | 8,492 | 42 | 9,986 |
| 23 5/8 | 4,438 | 28 1/4 | 5,725 | 32 7/8 | 7,094 | 37 1/2 | 8,531 | 42 1/8 | 10,027 |
| 23 3/4 | 4,472 | 28 3/8 | 5,761 | 33 | 7,132 | 37 5/8 | 8,571 | 42 1/4 | 10,068 |
| 23 7/8 | 4,505 | 28 1/2 | 5,797 | 33 1/8 | 7,170 | 37 3/4 | 8,611 | 42 3/8 | 10,109 |
| 24 | 4,539 | 28 5/8 | 5,833 | 33 1/4 | 7,208 | 37 7/8 | 8,651 | 42 1/2 | 10,150 |
| 24 1/8 | 4,573 | 28 3/4 | 5,869 | 33 3/8 | 7,246 | 38 | 8,690 | 42 5/8 | 10,192 |
| 24 1/4 | 4,607 | 28 7/8 | 5,906 | 33 1/2 | 7,284 | 38 1/8 | 8,730 | 42 3/4 | 10,233 |
| 24 3/8 | 4,641 | 29 | 5,942 | 33 5/8 | 7,322 | 38 1/4 | 8,770 | 42 7/8 | 10,274 |
| 24 1/2 | 4,675 | 29 1/8 | 5,978 | 33 3/4 | 7,361 | 38 3/8 | 8,810 | 43 | 10,316 |
| 24 5/8 | 4,709 | 29 1/4 | 6,015 | 33 7/8 | 7,399 | 38 1/2 | 8,850 | 43 1/8 | 10,357 |
| 24 3/4 | 4,743 | 29 3/8 | 6,051 | 34 | 7,438 | 38 5/8 | 8,890 | 43 1/4 | 10,398 |
| 24 7/8 | 4,777 | 29 1/2 | 6,088 | 34 1/8 | 7,476 | 38 3/4 | 8,930 | 43 3/8 | 10,440 |
| 25 | 4,811 | 29 5/8 | 6,124 | 34 1/4 | 7,514 | 38 7/8 | 8,970 | 43 1/2 | 10,481 |
| 25 1/8 | 4,846 | 29 3/4 | 6,161 | 34 3/8 | 7,553 | 39 | 9,010 | 43 5/8 | 10,523 |
| 25 1/4 | 4,880 | 29 7/8 | 6,197 | 34 1/2 | 7,592 | 39 1/8 | 9,051 | 43 3/4 | 10,564 |
| 25 3/8 | 4,915 | 30 | 6,234 | 34 5/8 | 7,630 | 39 1/4 | 9,091 | 43 7/8 | 10,606 |
| 25 1/2 | 4,949 | 30 1/8 | 6,271 | 34 3/4 | 7,669 | 39 3/8 | 9,131 | 44 | 10,648 |
| 25 5/8 | 4,984 | 30 1/4 | 6,308 | 34 7/8 | 7,708 | 39 1/2 | 9,171 | 44 1/8 | 10,689 |
| 25 3/4 | 5,018 | 30 3/8 | 6,345 | 35 | 7,746 | 39 5/8 | 9,212 | 44 1/4 | 10,731 |
| 25 7/8 | 5,053 | 30 1/2 | 6,382 | 35 1/8 | 7,785 | 39 3/4 | 9,252 | 44 3/8 | 10,773 |
| 26 | 5,088 | 30 5/8 | 6,419 | 35 1/4 | 7,824 | 39 7/8 | 9,293 | 44 1/2 | 10,814 |
| 26 1/8 | 5,123 | 30 3/4 | 6,456 | 35 3/8 | 7,863 | 40 | 9,333 | 44 5/8 | 10,856 |
| 26 1/4 | 5,158 | 30 7/8 | 6,493 | 35 1/2 | 7,902 | 40 1/8 | 9,374 | 44 3/4 | 10,898 |
| 26 3/8 | 5,193 | 31 | 6,530 | 35 5/8 | 7,941 | 40 1/4 | 9,414 | 44 7/8 | 10,940 |
| 26 1/2 | 5,228 | 31 1/8 | 6,567 | 35 3/4 | 7,980 | 40 3/8 | 9,455 | 45 | 10,982 |
| 26 5/8 | 5,263 | 31 1/4 | 6,604 | 35 7/8 | 8,019 | 40 1/2 | 9,495 | 45 1/8 | 11,023 |
| 26 3/4 | 5,298 | 31 3/8 | 6,642 | 36 | 8,058 | 40 5/8 | 9,536 | 45 1/4 | 11,065 |
| 26 7/8 | 5,333 | 31 1/2 | 6,679 | 36 1/8 | 8,097 | 40 3/4 | 9,577 | 45 3/8 | 11,107 |
| 27 | 5,369 | 31 5/8 | 6,717 | 36 1/4 | 8,137 | 40 7/8 | 9,617 | 45 1/2 | 11,149 |
| 27 1/8 | 5,404 | 31 3/4 | 6,754 | 36 3/8 | 8,176 | 41 | 9,658 | 45 5/8 | 11,191 |
| 27 1/4 | 5,439 | 31 7/8 | 6,792 | 36 1/2 | 8,215 | 41 1/8 | 9,699 | 45 3/4 | 11,233 |
| 27 3/8 | 5,475 | 32 | 6,829 | 36 5/8 | 8,255 | 41 1/4 | 9,740 | 45 7/8 | 11,276 |
| 27 1/2 | 5,511 | 32 1/8 | 6,867 | 36 3/4 | 8,294 | 41 3/8 | 9,781 | 46 | 11,318 |
| 27 5/8 | 5,546 | 32 1/4 | 6,905 | 36 7/8 | 8,333 | 41 1/2 | 9,822 | 46 1/8 | 11,360 |
| 27 3/4 | 5,582 | 32 3/8 | 6,942 | 37 | 8,373 | 41 5/8 | 9,863 | 46 1/4 | 11,402 |

Capacity Chart

Enter your company name here

Customer:

Tank Description:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

144" X 579"
JOB 8839

Serial Number: UL #M32271 STI-P3 #274329

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|
| 46 ¹ / ₈ | 11,444 | 51 ¹ / ₈ | 13,025 | 55 ³ / ₈ | 14,638 | 60 ¹ / ₄ | 16,276 | 64 ⁷ / ₈ | 17,932 |
| 46 ¹ / ₂ | 11,486 | 51 ¹ / ₄ | 13,068 | 55 ³ / ₄ | 14,682 | 60 ³ / ₈ | 16,321 | 65 | 17,976 |
| 46 ⁵ / ₈ | 11,529 | 51 ¹ / ₂ | 13,112 | 55 ⁷ / ₈ | 14,726 | 60 ¹ / ₂ | 16,365 | 65 ¹ / ₈ | 18,021 |
| 46 ³ / ₄ | 11,571 | 51 ³ / ₄ | 13,155 | 56 | 14,770 | 60 ⁵ / ₈ | 16,410 | 65 ¹ / ₄ | 18,066 |
| 46 ⁷ / ₈ | 11,613 | 51 ¹ / ₂ | 13,198 | 56 ¹ / ₈ | 14,814 | 60 ³ / ₄ | 16,454 | 65 ³ / ₈ | 18,111 |
| 47 | 11,656 | 51 ⁵ / ₈ | 13,241 | 56 ¹ / ₄ | 14,858 | 60 ⁷ / ₈ | 16,499 | 65 ¹ / ₂ | 18,156 |
| 47 ¹ / ₈ | 11,698 | 51 ³ / ₄ | 13,285 | 56 ³ / ₈ | 14,902 | 61 | 16,544 | 65 ⁵ / ₈ | 18,201 |
| 47 ¹ / ₄ | 11,740 | 51 ⁷ / ₈ | 13,328 | 56 ¹ / ₂ | 14,947 | 61 ¹ / ₈ | 16,588 | 65 ³ / ₄ | 18,246 |
| 47 ³ / ₈ | 11,783 | 52 | 13,371 | 56 ⁵ / ₈ | 14,991 | 61 ¹ / ₄ | 16,633 | 65 ⁷ / ₈ | 18,291 |
| 47 ¹ / ₂ | 11,825 | 52 ¹ / ₈ | 13,415 | 56 ³ / ₄ | 15,035 | 61 ³ / ₈ | 16,678 | 66 | 18,336 |
| 47 ⁵ / ₈ | 11,868 | 52 ¹ / ₄ | 13,458 | 56 ⁷ / ₈ | 15,079 | 61 ¹ / ₂ | 16,722 | 66 ¹ / ₈ | 18,381 |
| 47 ³ / ₄ | 11,910 | 52 ³ / ₈ | 13,502 | 57 | 15,123 | 61 ⁵ / ₈ | 16,767 | 66 ¹ / ₄ | 18,426 |
| 47 ⁷ / ₈ | 11,953 | 52 ¹ / ₂ | 13,545 | 57 ¹ / ₈ | 15,167 | 61 ³ / ₄ | 16,812 | 66 ³ / ₈ | 18,471 |
| 48 | 11,995 | 52 ⁵ / ₈ | 13,589 | 57 ¹ / ₄ | 15,211 | 61 ⁷ / ₈ | 16,856 | 66 ¹ / ₂ | 18,516 |
| 48 ¹ / ₈ | 12,038 | 52 ³ / ₄ | 13,632 | 57 ³ / ₈ | 15,256 | 62 | 16,901 | 66 ⁵ / ₈ | 18,561 |
| 48 ¹ / ₄ | 12,081 | 52 ⁷ / ₈ | 13,676 | 57 ¹ / ₂ | 15,300 | 62 ¹ / ₈ | 16,946 | 66 ³ / ₄ | 18,606 |
| 48 ³ / ₈ | 12,123 | 53 | 13,719 | 57 ⁵ / ₈ | 15,344 | 62 ¹ / ₄ | 16,990 | 66 ⁷ / ₈ | 18,651 |
| 48 ¹ / ₂ | 12,166 | 53 ¹ / ₈ | 13,763 | 57 ³ / ₄ | 15,388 | 62 ³ / ₈ | 17,035 | 67 | 18,696 |
| 48 ⁵ / ₈ | 12,209 | 53 ¹ / ₄ | 13,806 | 57 ⁷ / ₈ | 15,433 | 62 ¹ / ₂ | 17,080 | 67 ¹ / ₈ | 18,741 |
| 48 ³ / ₄ | 12,251 | 53 ³ / ₈ | 13,850 | 58 | 15,477 | 62 ⁵ / ₈ | 17,125 | 67 ¹ / ₄ | 18,786 |
| 48 ⁷ / ₈ | 12,294 | 53 ¹ / ₂ | 13,894 | 58 ¹ / ₈ | 15,521 | 62 ³ / ₄ | 17,169 | 67 ³ / ₈ | 18,831 |
| 49 | 12,337 | 53 ⁵ / ₈ | 13,937 | 58 ¹ / ₄ | 15,565 | 62 ⁷ / ₈ | 17,214 | 67 ¹ / ₂ | 18,876 |
| 49 ¹ / ₈ | 12,380 | 53 ³ / ₄ | 13,981 | 58 ³ / ₈ | 15,610 | 63 | 17,259 | 67 ⁵ / ₈ | 18,921 |
| 49 ¹ / ₄ | 12,423 | 53 ⁷ / ₈ | 14,025 | 58 ¹ / ₂ | 15,654 | 63 ¹ / ₈ | 17,304 | 67 ³ / ₄ | 18,966 |
| 49 ³ / ₈ | 12,466 | 54 | 14,068 | 58 ⁵ / ₈ | 15,698 | 63 ¹ / ₄ | 17,348 | 67 ⁷ / ₈ | 19,011 |
| 49 ¹ / ₂ | 12,508 | 54 ¹ / ₈ | 14,112 | 58 ³ / ₄ | 15,743 | 63 ³ / ₈ | 17,393 | 68 | 19,056 |
| 49 ⁵ / ₈ | 12,551 | 54 ¹ / ₄ | 14,156 | 58 ⁷ / ₈ | 15,787 | 63 ¹ / ₂ | 17,438 | 68 ¹ / ₈ | 19,101 |
| 49 ³ / ₄ | 12,594 | 54 ³ / ₈ | 14,200 | 59 | 15,832 | 63 ⁵ / ₈ | 17,483 | 68 ¹ / ₄ | 19,146 |
| 49 ⁷ / ₈ | 12,637 | 54 ¹ / ₂ | 14,243 | 59 ¹ / ₈ | 15,876 | 63 ³ / ₄ | 17,528 | 68 ³ / ₈ | 19,191 |
| 50 | 12,680 | 54 ⁵ / ₈ | 14,287 | 59 ¹ / ₄ | 15,920 | 63 ⁷ / ₈ | 17,572 | 68 ¹ / ₂ | 19,236 |
| 50 ¹ / ₈ | 12,723 | 54 ³ / ₄ | 14,331 | 59 ³ / ₈ | 15,965 | 64 | 17,617 | 68 ⁵ / ₈ | 19,281 |
| 50 ¹ / ₄ | 12,766 | 54 ⁷ / ₈ | 14,375 | 59 ¹ / ₂ | 16,009 | 64 ¹ / ₈ | 17,662 | 68 ³ / ₄ | 19,327 |
| 50 ³ / ₈ | 12,809 | 55 | 14,419 | 59 ⁵ / ₈ | 16,054 | 64 ¹ / ₄ | 17,707 | 68 ⁷ / ₈ | 19,372 |
| 50 ¹ / ₂ | 12,852 | 55 ¹ / ₈ | 14,463 | 59 ³ / ₄ | 16,098 | 64 ³ / ₈ | 17,752 | 69 | 19,417 |
| 50 ⁵ / ₈ | 12,896 | 55 ¹ / ₄ | 14,507 | 59 ⁷ / ₈ | 16,143 | 64 ¹ / ₂ | 17,797 | 69 ¹ / ₈ | 19,462 |
| 50 ³ / ₄ | 12,939 | 55 ³ / ₈ | 14,550 | 60 | 16,187 | 64 ⁵ / ₈ | 17,842 | 69 ¹ / ₄ | 19,507 |
| 50 ⁷ / ₈ | 12,982 | 55 ¹ / ₂ | 14,594 | 60 ¹ / ₈ | 16,232 | 64 ³ / ₄ | 17,887 | 69 ³ / ₈ | 19,552 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT4000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32271 STI-P3 #274329

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 69 1/2 | 19,597 | 74 1/8 | 21,266 | 78 3/8 | 22,931 | 83 1/8 | 24,586 | 88 | 26,224 |
| 69 5/8 | 19,642 | 74 1/4 | 21,311 | 78 7/8 | 22,976 | 83 1/2 | 24,631 | 88 1/8 | 26,268 |
| 69 3/4 | 19,687 | 74 3/8 | 21,356 | 79 | 23,021 | 83 5/8 | 24,675 | 88 1/4 | 26,311 |
| 69 7/8 | 19,732 | 74 1/2 | 21,401 | 79 1/8 | 23,066 | 83 3/4 | 24,720 | 88 3/8 | 26,355 |
| 70 | 19,777 | 74 5/8 | 21,446 | 79 1/4 | 23,111 | 83 7/8 | 24,764 | 88 1/2 | 26,399 |
| 70 1/8 | 19,823 | 74 3/4 | 21,491 | 79 3/8 | 23,156 | 84 | 24,809 | 88 5/8 | 26,443 |
| 70 1/4 | 19,868 | 74 7/8 | 21,536 | 79 1/2 | 23,201 | 84 1/8 | 24,853 | 88 3/4 | 26,487 |
| 70 3/8 | 19,913 | 75 | 21,582 | 79 5/8 | 23,245 | 84 1/4 | 24,898 | 88 7/8 | 26,531 |
| 70 1/2 | 19,958 | 75 1/8 | 21,627 | 79 3/4 | 23,290 | 84 3/8 | 24,942 | 89 | 26,575 |
| 70 5/8 | 20,003 | 75 1/4 | 21,672 | 79 7/8 | 23,335 | 84 1/2 | 24,986 | 89 1/8 | 26,618 |
| 70 3/4 | 20,048 | 75 3/8 | 21,717 | 80 | 23,380 | 84 5/8 | 25,031 | 89 1/4 | 26,662 |
| 70 7/8 | 20,093 | 75 1/2 | 21,762 | 80 1/8 | 23,425 | 84 3/4 | 25,075 | 89 3/8 | 26,706 |
| 71 | 20,138 | 75 5/8 | 21,807 | 80 1/4 | 23,470 | 84 7/8 | 25,120 | 89 1/2 | 26,750 |
| 71 1/8 | 20,183 | 75 3/4 | 21,852 | 80 3/8 | 23,514 | 85 | 25,164 | 89 5/8 | 26,793 |
| 71 1/4 | 20,229 | 75 7/8 | 21,897 | 80 1/2 | 23,559 | 85 1/8 | 25,208 | 89 3/4 | 26,837 |
| 71 3/8 | 20,274 | 76 | 21,942 | 80 5/8 | 23,604 | 85 1/4 | 25,253 | 89 7/8 | 26,881 |
| 71 1/2 | 20,319 | 76 1/8 | 21,987 | 80 3/4 | 23,649 | 85 3/8 | 25,297 | 90 | 26,924 |
| 71 5/8 | 20,364 | 76 1/4 | 22,032 | 80 7/8 | 23,693 | 85 1/2 | 25,341 | 90 1/8 | 26,968 |
| 71 3/4 | 20,409 | 76 3/8 | 22,077 | 81 | 23,738 | 85 5/8 | 25,385 | 90 1/4 | 27,012 |
| 71 7/8 | 20,454 | 76 1/2 | 22,122 | 81 1/8 | 23,783 | 85 3/4 | 25,430 | 90 3/8 | 27,055 |
| 72 | 20,499 | 76 5/8 | 22,167 | 81 1/4 | 23,828 | 85 7/8 | 25,474 | 90 1/2 | 27,099 |
| 72 1/8 | 20,544 | 76 3/4 | 22,212 | 81 3/8 | 23,872 | 86 | 25,518 | 90 5/8 | 27,142 |
| 72 1/4 | 20,589 | 76 7/8 | 22,257 | 81 1/2 | 23,917 | 86 1/8 | 25,562 | 90 3/4 | 27,186 |
| 72 3/8 | 20,635 | 77 | 22,302 | 81 5/8 | 23,962 | 86 1/4 | 25,607 | 90 7/8 | 27,229 |
| 72 1/2 | 20,680 | 77 1/8 | 22,347 | 81 3/4 | 24,006 | 86 3/8 | 25,651 | 91 | 27,273 |
| 72 5/8 | 20,725 | 77 1/4 | 22,392 | 81 7/8 | 24,051 | 86 1/2 | 25,695 | 91 1/8 | 27,316 |
| 72 3/4 | 20,770 | 77 3/8 | 22,437 | 82 | 24,096 | 86 5/8 | 25,739 | 91 1/4 | 27,360 |
| 72 7/8 | 20,815 | 77 1/2 | 22,482 | 82 1/8 | 24,140 | 86 3/4 | 25,783 | 91 3/8 | 27,403 |
| 73 | 20,860 | 77 5/8 | 22,527 | 82 1/4 | 24,185 | 86 7/8 | 25,827 | 91 1/2 | 27,447 |
| 73 1/8 | 20,905 | 77 3/4 | 22,572 | 82 3/8 | 24,230 | 87 | 25,871 | 91 5/8 | 27,490 |
| 73 1/4 | 20,950 | 77 7/8 | 22,617 | 82 1/2 | 24,274 | 87 1/8 | 25,916 | 91 3/4 | 27,533 |
| 73 3/8 | 20,995 | 78 | 22,662 | 82 5/8 | 24,319 | 87 1/4 | 25,960 | 91 7/8 | 27,577 |
| 73 1/2 | 21,041 | 78 1/8 | 22,707 | 82 3/4 | 24,363 | 87 3/8 | 26,004 | 92 | 27,620 |
| 73 5/8 | 21,086 | 78 1/4 | 22,752 | 82 7/8 | 24,408 | 87 1/2 | 26,048 | 92 1/8 | 27,663 |
| 73 3/4 | 21,131 | 78 3/8 | 22,797 | 83 | 24,453 | 87 5/8 | 26,092 | 92 1/4 | 27,706 |
| 73 7/8 | 21,176 | 78 1/2 | 22,842 | 83 1/8 | 24,497 | 87 3/4 | 26,136 | 92 3/8 | 27,750 |
| 74 | 21,221 | 78 5/8 | 22,886 | 83 1/4 | 24,542 | 87 7/8 | 26,180 | 92 1/2 | 27,793 |

Capacity Chart

Enter your company name here

Customer:

Tank Description:

COLO. DEPART. OF TRANSPOR.

144" X 579"

EAT40000P3

JOB 8839

Serial Number: UL #M32271 STI-P3 #274329

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|
| 92 5/8 | 27,836 | 97 1/8 | 29,416 | 101 1/8 | 30,955 | 106 1/8 | 32,445 | 111 1/8 | 33,876 |
| 92 3/4 | 27,879 | 97 3/8 | 29,458 | 102 | 30,996 | 106 3/8 | 32,485 | 111 3/8 | 33,913 |
| 92 7/8 | 27,922 | 97 1/2 | 29,500 | 102 1/8 | 31,037 | 106 3/4 | 32,524 | 111 5/8 | 33,951 |
| 93 | 27,965 | 97 5/8 | 29,542 | 102 1/4 | 31,078 | 106 7/8 | 32,563 | 111 7/8 | 33,989 |
| 93 1/8 | 28,009 | 97 3/4 | 29,585 | 102 3/8 | 31,119 | 107 | 32,603 | 111 1/4 | 34,026 |
| 93 1/4 | 28,052 | 97 7/8 | 29,627 | 102 1/2 | 31,160 | 107 1/8 | 32,642 | 111 3/4 | 34,064 |
| 93 3/8 | 28,095 | 98 | 29,669 | 102 5/8 | 31,200 | 107 1/4 | 32,681 | 111 7/8 | 34,101 |
| 93 1/2 | 28,138 | 98 1/8 | 29,711 | 102 3/4 | 31,241 | 107 3/8 | 32,721 | 112 | 34,139 |
| 93 5/8 | 28,181 | 98 1/4 | 29,753 | 102 7/8 | 31,282 | 107 1/2 | 32,760 | 112 1/8 | 34,176 |
| 93 3/4 | 28,224 | 98 3/8 | 29,794 | 103 | 31,323 | 107 5/8 | 32,799 | 112 1/4 | 34,214 |
| 93 7/8 | 28,267 | 98 1/2 | 29,836 | 103 1/8 | 31,363 | 107 3/4 | 32,838 | 112 3/8 | 34,251 |
| 94 | 28,310 | 98 5/8 | 29,878 | 103 1/4 | 31,404 | 107 7/8 | 32,877 | 112 1/2 | 34,288 |
| 94 1/8 | 28,352 | 98 3/4 | 29,920 | 103 3/8 | 31,444 | 108 | 32,916 | 112 5/8 | 34,325 |
| 94 1/4 | 28,395 | 98 7/8 | 29,962 | 103 1/2 | 31,485 | 108 1/8 | 32,955 | 112 3/4 | 34,362 |
| 94 3/8 | 28,438 | 99 | 30,004 | 103 5/8 | 31,525 | 108 1/4 | 32,994 | 112 7/8 | 34,399 |
| 94 1/2 | 28,481 | 99 1/8 | 30,045 | 103 3/4 | 31,566 | 108 3/8 | 33,033 | 113 | 34,436 |
| 94 5/8 | 28,524 | 99 1/4 | 30,087 | 103 7/8 | 31,606 | 108 1/2 | 33,072 | 113 1/8 | 34,473 |
| 94 3/4 | 28,566 | 99 3/8 | 30,129 | 104 | 31,646 | 108 5/8 | 33,110 | 113 1/4 | 34,510 |
| 94 7/8 | 28,609 | 99 1/2 | 30,170 | 104 1/8 | 31,687 | 108 3/4 | 33,149 | 113 3/8 | 34,547 |
| 95 | 28,652 | 99 5/8 | 30,212 | 104 1/4 | 31,727 | 108 7/8 | 33,188 | 113 1/2 | 34,584 |
| 95 1/8 | 28,695 | 99 3/4 | 30,254 | 104 3/8 | 31,767 | 109 | 33,226 | 113 5/8 | 34,621 |
| 95 1/4 | 28,737 | 99 7/8 | 30,295 | 104 1/2 | 31,808 | 109 1/8 | 33,265 | 113 3/4 | 34,657 |
| 95 3/8 | 28,780 | 100 | 30,337 | 104 5/8 | 31,848 | 109 1/4 | 33,304 | 113 7/8 | 34,694 |
| 95 1/2 | 28,823 | 100 1/8 | 30,378 | 104 3/4 | 31,888 | 109 3/8 | 33,342 | 114 | 34,730 |
| 95 5/8 | 28,865 | 100 1/4 | 30,420 | 104 7/8 | 31,928 | 109 1/2 | 33,380 | 114 1/8 | 34,767 |
| 95 3/4 | 28,908 | 100 3/8 | 30,461 | 105 | 31,968 | 109 5/8 | 33,419 | 114 1/4 | 34,803 |
| 95 7/8 | 28,950 | 100 1/2 | 30,502 | 105 1/8 | 32,008 | 109 3/4 | 33,457 | 114 3/8 | 34,840 |
| 96 | 28,993 | 100 5/8 | 30,544 | 105 1/4 | 32,048 | 109 7/8 | 33,495 | 114 1/2 | 34,876 |
| 96 1/8 | 29,035 | 100 3/4 | 30,585 | 105 3/8 | 32,088 | 110 | 33,534 | 114 5/8 | 34,912 |
| 96 1/4 | 29,078 | 100 7/8 | 30,626 | 105 1/2 | 32,128 | 110 1/8 | 33,572 | 114 3/4 | 34,949 |
| 96 3/8 | 29,120 | 101 | 30,668 | 105 5/8 | 32,167 | 110 1/4 | 33,610 | 114 7/8 | 34,985 |
| 96 1/2 | 29,162 | 101 1/8 | 30,709 | 105 3/4 | 32,207 | 110 3/8 | 33,648 | 115 | 35,021 |
| 96 5/8 | 29,205 | 101 1/4 | 30,750 | 105 7/8 | 32,247 | 110 1/2 | 33,686 | 115 1/8 | 35,057 |
| 96 3/4 | 29,247 | 101 3/8 | 30,791 | 106 | 32,287 | 110 5/8 | 33,724 | 115 1/4 | 35,093 |
| 96 7/8 | 29,289 | 101 1/2 | 30,832 | 106 1/8 | 32,326 | 110 3/4 | 33,762 | 115 3/8 | 35,129 |
| 97 | 29,332 | 101 5/8 | 30,873 | 106 1/4 | 32,366 | 110 7/8 | 33,800 | 115 1/2 | 35,165 |
| 97 1/8 | 29,374 | 101 3/4 | 30,914 | 106 3/8 | 32,406 | 111 | 33,838 | 115 5/8 | 35,200 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.

EAT40000P3

Serial Number:

UL #M32271 STL-P3 #274329

Tank Description:

144" X 579"

JOB 8839

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|
| 115 ¹ / ₈ | 35,236 | 120 ¹ / ₈ | 36,514 | 125 ¹ / ₈ | 37,692 | 129 ¹ / ₈ | 38,753 | 134 ¹ / ₈ | 39,667 |
| 115 ¹ / ₄ | 35,272 | 120 ¹ / ₂ | 36,547 | 125 ¹ / ₄ | 37,723 | 129 ¹ / ₄ | 38,780 | 134 ¹ / ₄ | 39,690 |
| 116 | 35,307 | 120 ³ / ₈ | 36,580 | 125 ¹ / ₂ | 37,753 | 129 ³ / ₈ | 38,806 | 134 ¹ / ₂ | 39,712 |
| 116 ¹ / ₈ | 35,343 | 120 ³ / ₄ | 36,613 | 125 ³ / ₈ | 37,783 | 130 | 38,833 | 134 ³ / ₈ | 39,734 |
| 116 ¹ / ₄ | 35,378 | 120 ⁷ / ₈ | 36,646 | 125 ¹ / ₂ | 37,813 | 130 ¹ / ₈ | 38,859 | 134 ³ / ₄ | 39,756 |
| 116 ³ / ₈ | 35,414 | 121 | 36,679 | 125 ⁵ / ₈ | 37,843 | 130 ¹ / ₄ | 38,886 | 134 ⁷ / ₈ | 39,778 |
| 116 ¹ / ₂ | 35,449 | 121 ¹ / ₈ | 36,712 | 125 ³ / ₄ | 37,873 | 130 ³ / ₈ | 38,912 | 135 | 39,799 |
| 116 ⁵ / ₈ | 35,485 | 121 ¹ / ₄ | 36,745 | 125 ⁷ / ₈ | 37,903 | 130 ¹ / ₂ | 38,938 | 135 ¹ / ₈ | 39,821 |
| 116 ³ / ₄ | 35,520 | 121 ³ / ₈ | 36,777 | 126 | 37,933 | 130 ⁵ / ₈ | 38,964 | 135 ¹ / ₄ | 39,842 |
| 116 ⁷ / ₈ | 35,555 | 121 ¹ / ₂ | 36,810 | 126 ¹ / ₈ | 37,962 | 130 ³ / ₄ | 38,990 | 135 ³ / ₈ | 39,863 |
| 117 | 35,590 | 121 ⁵ / ₈ | 36,843 | 126 ¹ / ₄ | 37,992 | 130 ⁷ / ₈ | 39,016 | 135 ¹ / ₂ | 39,884 |
| 117 ¹ / ₈ | 35,625 | 121 ³ / ₄ | 36,875 | 126 ³ / ₈ | 38,021 | 131 | 39,042 | 135 ⁵ / ₈ | 39,905 |
| 117 ¹ / ₄ | 35,660 | 121 ⁷ / ₈ | 36,908 | 126 ¹ / ₂ | 38,050 | 131 ¹ / ₈ | 39,067 | 135 ³ / ₄ | 39,926 |
| 117 ³ / ₈ | 35,695 | 122 | 36,940 | 126 ⁵ / ₈ | 38,080 | 131 ¹ / ₄ | 39,093 | 135 ⁷ / ₈ | 39,946 |
| 117 ¹ / ₂ | 35,730 | 122 ¹ / ₈ | 36,972 | 126 ³ / ₄ | 38,109 | 131 ³ / ₈ | 39,118 | 136 | 39,967 |
| 117 ⁵ / ₈ | 35,765 | 122 ¹ / ₄ | 37,004 | 126 ⁷ / ₈ | 38,138 | 131 ¹ / ₂ | 39,143 | 136 ¹ / ₈ | 39,987 |
| 117 ³ / ₄ | 35,800 | 122 ³ / ₈ | 37,036 | 127 | 38,167 | 131 ⁵ / ₈ | 39,168 | 136 ¹ / ₄ | 40,007 |
| 117 ⁷ / ₈ | 35,834 | 122 ¹ / ₂ | 37,069 | 127 ¹ / ₈ | 38,196 | 131 ³ / ₄ | 39,193 | 136 ³ / ₈ | 40,027 |
| 118 | 35,869 | 122 ⁵ / ₈ | 37,100 | 127 ¹ / ₄ | 38,225 | 131 ⁷ / ₈ | 39,218 | 136 ¹ / ₂ | 40,047 |
| 118 ¹ / ₈ | 35,903 | 122 ³ / ₄ | 37,132 | 127 ³ / ₈ | 38,253 | 132 | 39,243 | 136 ⁵ / ₈ | 40,067 |
| 118 ¹ / ₄ | 35,938 | 122 ⁷ / ₈ | 37,164 | 127 ¹ / ₂ | 38,282 | 132 ¹ / ₈ | 39,268 | 136 ³ / ₄ | 40,086 |
| 118 ³ / ₈ | 35,972 | 123 | 37,196 | 127 ⁵ / ₈ | 38,310 | 132 ¹ / ₄ | 39,292 | 136 ⁷ / ₈ | 40,106 |
| 118 ¹ / ₂ | 36,007 | 123 ¹ / ₈ | 37,228 | 127 ³ / ₄ | 38,339 | 132 ³ / ₈ | 39,316 | 137 | 40,125 |
| 118 ⁵ / ₈ | 36,041 | 123 ¹ / ₄ | 37,259 | 127 ⁷ / ₈ | 38,367 | 132 ¹ / ₂ | 39,341 | 137 ¹ / ₈ | 40,144 |
| 118 ³ / ₄ | 36,075 | 123 ³ / ₈ | 37,291 | 128 | 38,395 | 132 ⁵ / ₈ | 39,365 | 137 ¹ / ₄ | 40,162 |
| 118 ⁷ / ₈ | 36,109 | 123 ¹ / ₂ | 37,322 | 128 ¹ / ₈ | 38,423 | 132 ³ / ₄ | 39,389 | 137 ³ / ₈ | 40,181 |
| 119 | 36,143 | 123 ⁵ / ₈ | 37,353 | 128 ¹ / ₄ | 38,451 | 132 ⁷ / ₈ | 39,413 | 137 ¹ / ₂ | 40,200 |
| 119 ¹ / ₈ | 36,177 | 123 ³ / ₄ | 37,385 | 128 ³ / ₈ | 38,479 | 133 | 39,437 | 137 ⁵ / ₈ | 40,218 |
| 119 ¹ / ₄ | 36,211 | 123 ⁷ / ₈ | 37,416 | 128 ¹ / ₂ | 38,507 | 133 ¹ / ₈ | 39,460 | 137 ³ / ₄ | 40,236 |
| 119 ³ / ₈ | 36,245 | 124 | 37,447 | 128 ⁵ / ₈ | 38,535 | 133 ¹ / ₄ | 39,484 | 137 ⁷ / ₈ | 40,254 |
| 119 ¹ / ₂ | 36,279 | 124 ¹ / ₈ | 37,478 | 128 ³ / ₄ | 38,563 | 133 ³ / ₈ | 39,507 | 138 | 40,272 |
| 119 ⁵ / ₈ | 36,313 | 124 ¹ / ₄ | 37,509 | 128 ⁷ / ₈ | 38,590 | 133 ¹ / ₂ | 39,530 | 138 ¹ / ₈ | 40,289 |
| 119 ³ / ₄ | 36,346 | 124 ³ / ₈ | 37,540 | 129 | 38,617 | 133 ⁵ / ₈ | 39,554 | 138 ¹ / ₄ | 40,307 |
| 119 ⁷ / ₈ | 36,380 | 124 ¹ / ₂ | 37,570 | 129 ¹ / ₈ | 38,645 | 133 ³ / ₄ | 39,577 | 138 ³ / ₈ | 40,324 |
| 120 | 36,413 | 124 ⁵ / ₈ | 37,601 | 129 ¹ / ₄ | 38,672 | 133 ⁷ / ₈ | 39,599 | 138 ¹ / ₂ | 40,341 |
| 120 ¹ / ₈ | 36,447 | 124 ³ / ₄ | 37,632 | 129 ³ / ₈ | 38,699 | 134 | 39,622 | 138 ⁵ / ₈ | 40,358 |
| 120 ¹ / ₄ | 36,480 | 124 ⁷ / ₈ | 37,662 | 129 ¹ / ₂ | 38,726 | 134 ¹ / ₈ | 39,645 | 138 ³ / ₄ | 40,374 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32271 STI-P3 #274329

| <u>Depth</u>
(inches) | <u>Capacity</u>
(gallons) | <u>Depth</u>
(inches) | <u>Capacity</u>
(gallons) | <u>Depth</u>
(inches) | <u>Capacity</u>
(gallons) | <u>Depth</u>
(inches) | <u>Capacity</u>
(gallons) | <u>Depth</u>
(inches) | <u>Capacity</u>
(gallons) |
|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|
| 138 | 40,391 | 143 | 40,813 | | | | | | |
| 139 | 40,407 | 143 $\frac{5}{8}$ | 40,816 | | | | | | |
| 139 $\frac{1}{8}$ | 40,423 | 143 $\frac{3}{4}$ | 40,818 | | | | | | |
| 139 $\frac{1}{4}$ | 40,439 | | | | | | | | |
| 139 $\frac{3}{8}$ | 40,454 | | | | | | | | |
| 139 $\frac{1}{2}$ | 40,470 | | | | | | | | |
| 139 $\frac{5}{8}$ | 40,485 | | | | | | | | |
| 139 $\frac{3}{4}$ | 40,500 | | | | | | | | |
| 139 $\frac{7}{8}$ | 40,515 | | | | | | | | |
| 140 | 40,529 | | | | | | | | |
| 140 $\frac{1}{8}$ | 40,543 | | | | | | | | |
| 140 $\frac{1}{4}$ | 40,557 | | | | | | | | |
| 140 $\frac{3}{8}$ | 40,571 | | | | | | | | |
| 140 $\frac{1}{2}$ | 40,585 | | | | | | | | |
| 140 $\frac{5}{8}$ | 40,598 | | | | | | | | |
| 140 $\frac{3}{4}$ | 40,611 | | | | | | | | |
| 140 $\frac{7}{8}$ | 40,624 | | | | | | | | |
| 141 | 40,636 | | | | | | | | |
| 141 $\frac{1}{8}$ | 40,648 | | | | | | | | |
| 141 $\frac{1}{4}$ | 40,660 | | | | | | | | |
| 141 $\frac{3}{8}$ | 40,672 | | | | | | | | |
| 141 $\frac{1}{2}$ | 40,683 | | | | | | | | |
| 141 $\frac{5}{8}$ | 40,694 | | | | | | | | |
| 141 $\frac{3}{4}$ | 40,705 | | | | | | | | |
| 141 $\frac{7}{8}$ | 40,715 | | | | | | | | |
| 142 | 40,725 | | | | | | | | |
| 142 $\frac{1}{8}$ | 40,735 | | | | | | | | |
| 142 $\frac{1}{4}$ | 40,745 | | | | | | | | |
| 142 $\frac{3}{8}$ | 40,753 | | | | | | | | |
| 142 $\frac{1}{2}$ | 40,762 | | | | | | | | |
| 142 $\frac{5}{8}$ | 40,770 | | | | | | | | |
| 142 $\frac{3}{4}$ | 40,778 | | | | | | | | |
| 142 $\frac{7}{8}$ | 40,785 | | | | | | | | |
| 143 | 40,792 | | | | | | | | |
| 143 $\frac{1}{8}$ | 40,798 | | | | | | | | |
| 143 $\frac{1}{4}$ | 40,804 | | | | | | | | |
| 143 $\frac{3}{8}$ | 40,809 | | | | | | | | |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32270 STI-P3 #274328

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 0 1/4 | 14 | 4 7/8 | 460 | 9 1/2 | 1,196 | 14 8/8 | 2,119 | 18 3/4 | 3,186 |
| 0 3/8 | 20 | 5 | 477 | 9 5/8 | 1,218 | 14 1/4 | 2,146 | 18 7/8 | 3,217 |
| 0 1/2 | 26 | 5 1/8 | 494 | 9 3/4 | 1,241 | 14 3/8 | 2,173 | 19 | 3,248 |
| 0 5/8 | 33 | 5 1/4 | 511 | 9 7/8 | 1,264 | 14 1/2 | 2,201 | 19 1/8 | 3,278 |
| 0 3/4 | 40 | 5 3/8 | 529 | 10 | 1,287 | 14 5/8 | 2,228 | 19 1/4 | 3,309 |
| 0 7/8 | 48 | 5 1/2 | 546 | 10 1/8 | 1,311 | 14 3/4 | 2,255 | 19 3/8 | 3,340 |
| 1 | 56 | 5 5/8 | 564 | 10 1/4 | 1,334 | 14 7/8 | 2,283 | 19 1/2 | 3,371 |
| 1 1/8 | 64 | 5 3/4 | 582 | 10 3/8 | 1,358 | 15 | 2,311 | 19 5/8 | 3,402 |
| 1 1/4 | 73 | 5 7/8 | 600 | 10 1/2 | 1,381 | 15 1/8 | 2,339 | 19 3/4 | 3,433 |
| 1 3/8 | 83 | 6 | 618 | 10 5/8 | 1,405 | 15 1/4 | 2,367 | 19 7/8 | 3,465 |
| 1 1/2 | 92 | 6 1/8 | 637 | 10 3/4 | 1,429 | 15 3/8 | 2,395 | 20 | 3,496 |
| 1 5/8 | 103 | 6 1/4 | 655 | 10 7/8 | 1,453 | 15 1/2 | 2,423 | 20 1/8 | 3,527 |
| 1 3/4 | 113 | 6 3/8 | 674 | 11 | 1,477 | 15 5/8 | 2,451 | 20 1/4 | 3,559 |
| 1 7/8 | 124 | 6 1/2 | 693 | 11 1/8 | 1,501 | 15 3/4 | 2,479 | 20 3/8 | 3,590 |
| 2 | 135 | 6 5/8 | 712 | 11 1/4 | 1,526 | 15 7/8 | 2,508 | 20 1/2 | 3,622 |
| 2 1/8 | 146 | 6 3/4 | 732 | 11 3/8 | 1,550 | 16 | 2,536 | 20 5/8 | 3,654 |
| 2 1/4 | 158 | 6 7/8 | 751 | 11 1/2 | 1,575 | 16 1/8 | 2,565 | 20 3/4 | 3,686 |
| 2 3/8 | 170 | 7 | 771 | 11 5/8 | 1,600 | 16 1/4 | 2,593 | 20 7/8 | 3,717 |
| 2 1/2 | 182 | 7 1/8 | 791 | 11 3/4 | 1,625 | 16 3/8 | 2,622 | 21 | 3,749 |
| 2 5/8 | 194 | 7 1/4 | 811 | 11 7/8 | 1,650 | 16 1/2 | 2,651 | 21 1/8 | 3,781 |
| 2 3/4 | 207 | 7 3/8 | 831 | 12 | 1,675 | 16 5/8 | 2,680 | 21 1/4 | 3,814 |
| 2 7/8 | 220 | 7 1/2 | 851 | 12 1/8 | 1,700 | 16 3/4 | 2,709 | 21 3/8 | 3,846 |
| 3 | 233 | 7 5/8 | 872 | 12 1/4 | 1,725 | 16 7/8 | 2,738 | 21 1/2 | 3,878 |
| 3 1/8 | 247 | 7 3/4 | 892 | 12 3/8 | 1,751 | 17 | 2,767 | 21 5/8 | 3,910 |
| 3 1/4 | 261 | 7 7/8 | 913 | 12 1/2 | 1,776 | 17 1/8 | 2,797 | 21 3/4 | 3,943 |
| 3 3/8 | 275 | 8 | 934 | 12 5/8 | 1,802 | 17 1/4 | 2,826 | 21 7/8 | 3,975 |
| 3 1/2 | 289 | 8 1/8 | 955 | 12 3/4 | 1,828 | 17 3/8 | 2,856 | 22 | 4,008 |
| 3 5/8 | 303 | 8 1/4 | 976 | 12 7/8 | 1,854 | 17 1/2 | 2,885 | 22 1/8 | 4,041 |
| 3 3/4 | 318 | 8 3/8 | 997 | 13 | 1,880 | 17 5/8 | 2,915 | 22 1/4 | 4,073 |
| 3 7/8 | 333 | 8 1/2 | 1,019 | 13 1/8 | 1,906 | 17 3/4 | 2,945 | 22 3/8 | 4,106 |
| 4 | 348 | 8 5/8 | 1,040 | 13 1/4 | 1,932 | 17 7/8 | 2,975 | 22 1/2 | 4,139 |
| 4 1/8 | 364 | 8 3/4 | 1,062 | 13 3/8 | 1,959 | 18 | 3,005 | 22 5/8 | 4,172 |
| 4 1/4 | 379 | 8 7/8 | 1,084 | 13 1/2 | 1,985 | 18 1/8 | 3,035 | 22 3/4 | 4,205 |
| 4 3/8 | 395 | 9 | 1,106 | 13 5/8 | 2,012 | 18 1/4 | 3,065 | 22 7/8 | 4,238 |
| 4 1/2 | 411 | 9 1/8 | 1,128 | 13 3/4 | 2,038 | 18 3/8 | 3,095 | 23 | 4,271 |
| 4 5/8 | 427 | 9 1/4 | 1,151 | 13 7/8 | 2,065 | 18 1/2 | 3,126 | 23 1/8 | 4,304 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT4000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32270 STI-P3 #274328

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|
| 23 | 4,371 | 28 | 5,653 | 32 | 7,018 | 37 | 8,452 | 41 | 9,945 |
| 23 ¹ / ₈ | 4,405 | 28 ¹ / ₈ | 5,689 | 32 ³ / ₄ | 7,056 | 37 ³ / ₈ | 8,492 | 42 | 9,986 |
| 23 ⁵ / ₈ | 4,438 | 28 ¹ / ₄ | 5,725 | 32 ⁷ / ₈ | 7,094 | 37 ¹ / ₂ | 8,531 | 42 ¹ / ₈ | 10,027 |
| 23 ³ / ₄ | 4,472 | 28 ³ / ₈ | 5,761 | 33 | 7,132 | 37 ⁵ / ₈ | 8,571 | 42 ¹ / ₄ | 10,068 |
| 23 ⁷ / ₈ | 4,505 | 28 ¹ / ₂ | 5,797 | 33 ¹ / ₈ | 7,170 | 37 ³ / ₄ | 8,611 | 42 ³ / ₈ | 10,109 |
| 24 | 4,539 | 28 ⁵ / ₈ | 5,833 | 33 ¹ / ₄ | 7,208 | 37 ⁷ / ₈ | 8,651 | 42 ¹ / ₂ | 10,150 |
| 24 ¹ / ₈ | 4,573 | 28 ³ / ₄ | 5,869 | 33 ³ / ₈ | 7,246 | 38 | 8,690 | 42 ⁵ / ₈ | 10,192 |
| 24 ¹ / ₄ | 4,607 | 28 ⁷ / ₈ | 5,906 | 33 ¹ / ₂ | 7,284 | 38 ¹ / ₈ | 8,730 | 42 ³ / ₄ | 10,233 |
| 24 ³ / ₈ | 4,641 | 29 | 5,942 | 33 ⁵ / ₈ | 7,322 | 38 ¹ / ₄ | 8,770 | 42 ⁷ / ₈ | 10,274 |
| 24 ¹ / ₂ | 4,675 | 29 ¹ / ₈ | 5,978 | 33 ³ / ₄ | 7,361 | 38 ³ / ₈ | 8,810 | 43 | 10,316 |
| 24 ⁵ / ₈ | 4,709 | 29 ¹ / ₄ | 6,015 | 33 ⁷ / ₈ | 7,399 | 38 ¹ / ₂ | 8,850 | 43 ¹ / ₈ | 10,357 |
| 24 ³ / ₄ | 4,743 | 29 ³ / ₈ | 6,051 | 34 | 7,438 | 38 ⁵ / ₈ | 8,890 | 43 ¹ / ₄ | 10,398 |
| 24 ⁷ / ₈ | 4,777 | 29 ¹ / ₂ | 6,088 | 34 ¹ / ₈ | 7,476 | 38 ³ / ₄ | 8,930 | 43 ³ / ₈ | 10,440 |
| 25 | 4,811 | 29 ⁵ / ₈ | 6,124 | 34 ¹ / ₄ | 7,514 | 38 ⁷ / ₈ | 8,970 | 43 ¹ / ₂ | 10,481 |
| 25 ¹ / ₈ | 4,846 | 29 ³ / ₄ | 6,161 | 34 ³ / ₈ | 7,553 | 39 | 9,010 | 43 ⁵ / ₈ | 10,523 |
| 25 ¹ / ₄ | 4,880 | 29 ⁷ / ₈ | 6,197 | 34 ¹ / ₂ | 7,592 | 39 ¹ / ₈ | 9,051 | 43 ³ / ₄ | 10,564 |
| 25 ³ / ₈ | 4,915 | 30 | 6,234 | 34 ⁵ / ₈ | 7,630 | 39 ¹ / ₄ | 9,091 | 43 ⁷ / ₈ | 10,606 |
| 25 ¹ / ₂ | 4,949 | 30 ¹ / ₈ | 6,271 | 34 ³ / ₄ | 7,669 | 39 ³ / ₈ | 9,131 | 44 | 10,648 |
| 25 ⁵ / ₈ | 4,984 | 30 ¹ / ₄ | 6,308 | 34 ⁷ / ₈ | 7,708 | 39 ¹ / ₂ | 9,171 | 44 ¹ / ₈ | 10,689 |
| 25 ³ / ₄ | 5,018 | 30 ³ / ₈ | 6,345 | 35 | 7,746 | 39 ⁵ / ₈ | 9,212 | 44 ¹ / ₄ | 10,731 |
| 25 ⁷ / ₈ | 5,053 | 30 ¹ / ₂ | 6,382 | 35 ¹ / ₈ | 7,785 | 39 ³ / ₄ | 9,252 | 44 ³ / ₈ | 10,773 |
| 26 | 5,088 | 30 ⁵ / ₈ | 6,419 | 35 ¹ / ₄ | 7,824 | 39 ⁷ / ₈ | 9,293 | 44 ¹ / ₂ | 10,814 |
| 26 ¹ / ₈ | 5,123 | 30 ³ / ₄ | 6,456 | 35 ³ / ₈ | 7,863 | 40 | 9,333 | 44 ⁵ / ₈ | 10,856 |
| 26 ¹ / ₄ | 5,158 | 30 ⁷ / ₈ | 6,493 | 35 ¹ / ₂ | 7,902 | 40 ¹ / ₈ | 9,374 | 44 ³ / ₄ | 10,898 |
| 26 ³ / ₈ | 5,193 | 31 | 6,530 | 35 ⁵ / ₈ | 7,941 | 40 ¹ / ₄ | 9,414 | 44 ⁷ / ₈ | 10,940 |
| 26 ¹ / ₂ | 5,228 | 31 ¹ / ₈ | 6,567 | 35 ³ / ₄ | 7,980 | 40 ³ / ₈ | 9,455 | 45 | 10,982 |
| 26 ⁵ / ₈ | 5,263 | 31 ¹ / ₄ | 6,604 | 35 ⁷ / ₈ | 8,019 | 40 ¹ / ₂ | 9,495 | 45 ¹ / ₈ | 11,023 |
| 26 ³ / ₄ | 5,298 | 31 ³ / ₈ | 6,642 | 36 | 8,058 | 40 ⁵ / ₈ | 9,536 | 45 ¹ / ₄ | 11,065 |
| 26 ⁷ / ₈ | 5,333 | 31 ¹ / ₂ | 6,679 | 36 ¹ / ₈ | 8,097 | 40 ³ / ₄ | 9,577 | 45 ³ / ₈ | 11,107 |
| 27 | 5,369 | 31 ⁵ / ₈ | 6,717 | 36 ¹ / ₄ | 8,137 | 40 ⁷ / ₈ | 9,617 | 45 ¹ / ₂ | 11,149 |
| 27 ¹ / ₈ | 5,404 | 31 ³ / ₄ | 6,754 | 36 ³ / ₈ | 8,176 | 41 | 9,658 | 45 ⁵ / ₈ | 11,191 |
| 27 ¹ / ₄ | 5,439 | 31 ⁷ / ₈ | 6,792 | 36 ¹ / ₂ | 8,215 | 41 ¹ / ₈ | 9,699 | 45 ³ / ₄ | 11,233 |
| 27 ³ / ₈ | 5,475 | 32 | 6,829 | 36 ⁵ / ₈ | 8,255 | 41 ¹ / ₄ | 9,740 | 45 ⁷ / ₈ | 11,276 |
| 27 ¹ / ₂ | 5,511 | 32 ¹ / ₈ | 6,867 | 36 ³ / ₄ | 8,294 | 41 ³ / ₈ | 9,781 | 46 | 11,318 |
| 27 ⁵ / ₈ | 5,546 | 32 ¹ / ₄ | 6,905 | 36 ⁷ / ₈ | 8,333 | 41 ¹ / ₂ | 9,822 | 46 ¹ / ₈ | 11,360 |
| 27 ³ / ₄ | 5,582 | 32 ³ / ₈ | 6,942 | 37 | 8,373 | 41 ⁵ / ₈ | 9,863 | 46 ¹ / ₄ | 11,402 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32270-STI-P3 #274328

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 46 1/2 | 11,486 | 51 1/8 | 13,068 | 55 3/4 | 14,682 | 60 3/8 | 16,321 | 65 | 17,976 |
| 46 5/8 | 11,529 | 51 1/4 | 13,112 | 55 7/8 | 14,726 | 60 1/2 | 16,365 | 65 1/8 | 18,021 |
| 46 3/4 | 11,571 | 51 3/8 | 13,155 | 56 | 14,770 | 60 5/8 | 16,410 | 65 1/4 | 18,066 |
| 46 7/8 | 11,613 | 51 1/2 | 13,198 | 56 1/8 | 14,814 | 60 3/4 | 16,454 | 65 3/8 | 18,111 |
| 47 | 11,656 | 51 5/8 | 13,241 | 56 1/4 | 14,858 | 60 7/8 | 16,499 | 65 1/2 | 18,156 |
| 47 1/8 | 11,698 | 51 3/4 | 13,285 | 56 3/8 | 14,902 | 61 | 16,544 | 65 5/8 | 18,201 |
| 47 1/4 | 11,740 | 51 7/8 | 13,328 | 56 1/2 | 14,947 | 61 1/8 | 16,588 | 65 3/4 | 18,246 |
| 47 3/8 | 11,783 | 52 | 13,371 | 56 5/8 | 14,991 | 61 1/4 | 16,633 | 65 7/8 | 18,291 |
| 47 1/2 | 11,825 | 52 1/8 | 13,415 | 56 3/4 | 15,035 | 61 3/8 | 16,678 | 66 | 18,336 |
| 47 5/8 | 11,868 | 52 1/4 | 13,458 | 56 7/8 | 15,079 | 61 1/2 | 16,722 | 66 1/8 | 18,381 |
| 47 3/4 | 11,910 | 52 3/8 | 13,502 | 57 | 15,123 | 61 5/8 | 16,767 | 66 1/4 | 18,426 |
| 47 7/8 | 11,953 | 52 1/2 | 13,545 | 57 1/8 | 15,167 | 61 3/4 | 16,812 | 66 3/8 | 18,471 |
| 48 | 11,995 | 52 5/8 | 13,589 | 57 1/4 | 15,211 | 61 7/8 | 16,856 | 66 1/2 | 18,516 |
| 48 1/8 | 12,038 | 52 3/4 | 13,632 | 57 3/8 | 15,256 | 62 | 16,901 | 66 5/8 | 18,561 |
| 48 1/4 | 12,081 | 52 7/8 | 13,676 | 57 1/2 | 15,300 | 62 1/8 | 16,946 | 66 3/4 | 18,606 |
| 48 3/8 | 12,123 | 53 | 13,719 | 57 5/8 | 15,344 | 62 1/4 | 16,990 | 66 7/8 | 18,651 |
| 48 1/2 | 12,166 | 53 1/8 | 13,763 | 57 3/4 | 15,388 | 62 3/8 | 17,035 | 67 | 18,696 |
| 48 5/8 | 12,209 | 53 1/4 | 13,806 | 57 7/8 | 15,433 | 62 1/2 | 17,080 | 67 1/8 | 18,741 |
| 48 3/4 | 12,251 | 53 3/8 | 13,850 | 58 | 15,477 | 62 5/8 | 17,125 | 67 1/4 | 18,786 |
| 48 7/8 | 12,294 | 53 1/2 | 13,894 | 58 1/8 | 15,521 | 62 3/4 | 17,169 | 67 3/8 | 18,831 |
| 49 | 12,337 | 53 5/8 | 13,937 | 58 1/4 | 15,565 | 62 7/8 | 17,214 | 67 1/2 | 18,876 |
| 49 1/8 | 12,380 | 53 3/4 | 13,981 | 58 3/8 | 15,610 | 63 | 17,259 | 67 5/8 | 18,921 |
| 49 1/4 | 12,423 | 53 7/8 | 14,025 | 58 1/2 | 15,654 | 63 1/8 | 17,304 | 67 3/4 | 18,966 |
| 49 3/8 | 12,466 | 54 | 14,068 | 58 5/8 | 15,698 | 63 1/4 | 17,348 | 67 7/8 | 19,011 |
| 49 1/2 | 12,508 | 54 1/8 | 14,112 | 58 3/4 | 15,743 | 63 3/8 | 17,393 | 68 | 19,056 |
| 49 5/8 | 12,551 | 54 1/4 | 14,156 | 58 7/8 | 15,787 | 63 1/2 | 17,438 | 68 1/8 | 19,101 |
| 49 3/4 | 12,594 | 54 3/8 | 14,200 | 59 | 15,832 | 63 5/8 | 17,483 | 68 1/4 | 19,146 |
| 49 7/8 | 12,637 | 54 1/2 | 14,243 | 59 1/8 | 15,876 | 63 3/4 | 17,528 | 68 3/8 | 19,191 |
| 50 | 12,680 | 54 5/8 | 14,287 | 59 1/4 | 15,920 | 63 7/8 | 17,572 | 68 1/2 | 19,236 |
| 50 1/8 | 12,723 | 54 3/4 | 14,331 | 59 3/8 | 15,965 | 64 | 17,617 | 68 5/8 | 19,281 |
| 50 1/4 | 12,766 | 54 7/8 | 14,375 | 59 1/2 | 16,009 | 64 1/8 | 17,662 | 68 3/4 | 19,327 |
| 50 3/8 | 12,809 | 55 | 14,419 | 59 5/8 | 16,054 | 64 1/4 | 17,707 | 68 7/8 | 19,372 |
| 50 1/2 | 12,852 | 55 1/8 | 14,463 | 59 3/4 | 16,098 | 64 3/8 | 17,752 | 69 | 19,417 |
| 50 5/8 | 12,896 | 55 1/4 | 14,507 | 59 7/8 | 16,143 | 64 1/2 | 17,797 | 69 1/8 | 19,462 |
| 50 3/4 | 12,939 | 55 3/8 | 14,550 | 60 | 16,187 | 64 5/8 | 17,842 | 69 1/4 | 19,507 |
| 50 7/8 | 12,982 | 55 1/2 | 14,594 | 60 1/8 | 16,232 | 64 3/4 | 17,887 | 69 3/8 | 19,552 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.

EAT40000P3

Tank Description:

144" X 579"

JOB 8839

Serial Number:

UL #M32270 STI-P3 #274328

| Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) | Depth (inches) | Capacity (gallons) |
|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|
| 69 | 19,537 | 74 | 21,266 | 78 | 22,981 | 83 | 24,586 | 88 | 26,221 |
| 69 ¹ / ₈ | 19,642 | 74 ¹ / ₄ | 21,311 | 78 ¹ / ₈ | 22,976 | 83 ¹ / ₂ | 24,631 | 88 ¹ / ₈ | 26,268 |
| 69 ³ / ₄ | 19,687 | 74 ³ / ₈ | 21,356 | 79 | 23,021 | 83 ⁵ / ₈ | 24,675 | 88 ¹ / ₄ | 26,311 |
| 69 ⁷ / ₈ | 19,732 | 74 ¹ / ₂ | 21,401 | 79 ¹ / ₈ | 23,066 | 83 ³ / ₄ | 24,720 | 88 ³ / ₈ | 26,355 |
| 70 | 19,777 | 74 ⁵ / ₈ | 21,446 | 79 ¹ / ₄ | 23,111 | 83 ⁷ / ₈ | 24,764 | 88 ¹ / ₂ | 26,399 |
| 70 ¹ / ₈ | 19,823 | 74 ³ / ₄ | 21,491 | 79 ³ / ₈ | 23,156 | 84 | 24,809 | 88 ⁵ / ₈ | 26,443 |
| 70 ¹ / ₄ | 19,868 | 74 ⁷ / ₈ | 21,536 | 79 ¹ / ₂ | 23,201 | 84 ¹ / ₈ | 24,853 | 88 ³ / ₄ | 26,487 |
| 70 ³ / ₈ | 19,913 | 75 | 21,582 | 79 ⁵ / ₈ | 23,245 | 84 ¹ / ₄ | 24,898 | 88 ⁷ / ₈ | 26,531 |
| 70 ¹ / ₂ | 19,958 | 75 ¹ / ₈ | 21,627 | 79 ³ / ₄ | 23,290 | 84 ³ / ₈ | 24,942 | 89 | 26,575 |
| 70 ⁵ / ₈ | 20,003 | 75 ¹ / ₄ | 21,672 | 79 ⁷ / ₈ | 23,335 | 84 ¹ / ₂ | 24,986 | 89 ¹ / ₈ | 26,618 |
| 70 ³ / ₄ | 20,048 | 75 ³ / ₈ | 21,717 | 80 | 23,380 | 84 ⁵ / ₈ | 25,031 | 89 ¹ / ₄ | 26,662 |
| 70 ⁷ / ₈ | 20,093 | 75 ¹ / ₂ | 21,762 | 80 ¹ / ₈ | 23,425 | 84 ³ / ₄ | 25,075 | 89 ³ / ₈ | 26,706 |
| 71 | 20,138 | 75 ⁵ / ₈ | 21,807 | 80 ¹ / ₄ | 23,470 | 84 ⁷ / ₈ | 25,120 | 89 ¹ / ₂ | 26,750 |
| 71 ¹ / ₈ | 20,183 | 75 ³ / ₄ | 21,852 | 80 ³ / ₈ | 23,514 | 85 | 25,164 | 89 ⁵ / ₈ | 26,793 |
| 71 ¹ / ₄ | 20,229 | 75 ⁷ / ₈ | 21,897 | 80 ¹ / ₂ | 23,559 | 85 ¹ / ₈ | 25,208 | 89 ³ / ₄ | 26,837 |
| 71 ³ / ₈ | 20,274 | 76 | 21,942 | 80 ⁵ / ₈ | 23,604 | 85 ¹ / ₄ | 25,253 | 89 ⁷ / ₈ | 26,881 |
| 71 ¹ / ₂ | 20,319 | 76 ¹ / ₈ | 21,987 | 80 ³ / ₄ | 23,649 | 85 ³ / ₈ | 25,297 | 90 | 26,924 |
| 71 ⁵ / ₈ | 20,364 | 76 ¹ / ₄ | 22,032 | 80 ⁷ / ₈ | 23,693 | 85 ¹ / ₂ | 25,341 | 90 ¹ / ₈ | 26,968 |
| 71 ³ / ₄ | 20,409 | 76 ³ / ₈ | 22,077 | 81 | 23,738 | 85 ⁵ / ₈ | 25,385 | 90 ¹ / ₄ | 27,012 |
| 71 ⁷ / ₈ | 20,454 | 76 ¹ / ₂ | 22,122 | 81 ¹ / ₈ | 23,783 | 85 ³ / ₄ | 25,430 | 90 ³ / ₈ | 27,055 |
| 72 | 20,499 | 76 ⁵ / ₈ | 22,167 | 81 ¹ / ₄ | 23,828 | 85 ⁷ / ₈ | 25,474 | 90 ¹ / ₂ | 27,099 |
| 72 ¹ / ₈ | 20,544 | 76 ³ / ₄ | 22,212 | 81 ³ / ₈ | 23,872 | 86 | 25,518 | 90 ⁵ / ₈ | 27,142 |
| 72 ¹ / ₄ | 20,589 | 76 ⁷ / ₈ | 22,257 | 81 ¹ / ₂ | 23,917 | 86 ¹ / ₈ | 25,562 | 90 ³ / ₄ | 27,186 |
| 72 ³ / ₈ | 20,635 | 77 | 22,302 | 81 ⁵ / ₈ | 23,962 | 86 ¹ / ₄ | 25,607 | 90 ⁷ / ₈ | 27,229 |
| 72 ¹ / ₂ | 20,680 | 77 ¹ / ₈ | 22,347 | 81 ³ / ₄ | 24,006 | 86 ³ / ₈ | 25,651 | 91 | 27,273 |
| 72 ⁵ / ₈ | 20,725 | 77 ¹ / ₄ | 22,392 | 81 ⁷ / ₈ | 24,051 | 86 ¹ / ₂ | 25,695 | 91 ¹ / ₈ | 27,316 |
| 72 ³ / ₄ | 20,770 | 77 ³ / ₈ | 22,437 | 82 | 24,096 | 86 ⁵ / ₈ | 25,739 | 91 ¹ / ₄ | 27,360 |
| 72 ⁷ / ₈ | 20,815 | 77 ¹ / ₂ | 22,482 | 82 ¹ / ₈ | 24,140 | 86 ³ / ₄ | 25,783 | 91 ³ / ₈ | 27,403 |
| 73 | 20,860 | 77 ⁵ / ₈ | 22,527 | 82 ¹ / ₄ | 24,185 | 86 ⁷ / ₈ | 25,827 | 91 ¹ / ₂ | 27,447 |
| 73 ¹ / ₈ | 20,905 | 77 ³ / ₄ | 22,572 | 82 ³ / ₈ | 24,230 | 87 | 25,871 | 91 ⁵ / ₈ | 27,490 |
| 73 ¹ / ₄ | 20,950 | 77 ⁷ / ₈ | 22,617 | 82 ¹ / ₂ | 24,274 | 87 ¹ / ₈ | 25,916 | 91 ³ / ₄ | 27,533 |
| 73 ³ / ₈ | 20,995 | 78 | 22,662 | 82 ⁵ / ₈ | 24,319 | 87 ¹ / ₄ | 25,960 | 91 ⁷ / ₈ | 27,577 |
| 73 ¹ / ₂ | 21,041 | 78 ¹ / ₈ | 22,707 | 82 ³ / ₄ | 24,363 | 87 ³ / ₈ | 26,004 | 92 | 27,620 |
| 73 ⁵ / ₈ | 21,086 | 78 ¹ / ₄ | 22,752 | 82 ⁷ / ₈ | 24,408 | 87 ¹ / ₂ | 26,048 | 92 ¹ / ₈ | 27,663 |
| 73 ³ / ₄ | 21,131 | 78 ³ / ₈ | 22,797 | 83 | 24,453 | 87 ⁵ / ₈ | 26,092 | 92 ¹ / ₄ | 27,706 |
| 73 ⁷ / ₈ | 21,176 | 78 ¹ / ₂ | 22,842 | 83 ¹ / ₈ | 24,497 | 87 ³ / ₄ | 26,136 | 92 ³ / ₈ | 27,750 |
| 74 | 21,221 | 78 ⁵ / ₈ | 22,886 | 83 ¹ / ₄ | 24,542 | 87 ⁷ / ₈ | 26,180 | 92 ¹ / ₂ | 27,793 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UE #M32270 STI-P3 #274328

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|--------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|
| 92 ³ / ₄ | 27,879 | 97 ³ / ₈ | 29,458 | 102 | 30,996 | 106 ⁵ / ₈ | 32,485 | 111 ¹ / ₄ | 33,913 |
| 92 ⁷ / ₈ | 27,922 | 97 ¹ / ₂ | 29,500 | 102 ¹ / ₈ | 31,037 | 106 ³ / ₄ | 32,524 | 111 ³ / ₈ | 33,951 |
| 93 | 27,965 | 97 ⁵ / ₈ | 29,542 | 102 ¹ / ₄ | 31,078 | 106 ⁷ / ₈ | 32,563 | 111 ¹ / ₂ | 33,989 |
| 93 ¹ / ₈ | 28,009 | 97 ³ / ₄ | 29,585 | 102 ³ / ₈ | 31,119 | 107 | 32,603 | 111 ⁵ / ₈ | 34,026 |
| 93 ¹ / ₄ | 28,052 | 97 ⁷ / ₈ | 29,627 | 102 ¹ / ₂ | 31,160 | 107 ¹ / ₈ | 32,642 | 111 ³ / ₄ | 34,064 |
| 93 ³ / ₈ | 28,095 | 98 | 29,669 | 102 ⁵ / ₈ | 31,200 | 107 ¹ / ₄ | 32,681 | 111 ⁷ / ₈ | 34,101 |
| 93 ¹ / ₂ | 28,138 | 98 ¹ / ₈ | 29,711 | 102 ³ / ₄ | 31,241 | 107 ³ / ₈ | 32,721 | 112 | 34,139 |
| 93 ⁵ / ₈ | 28,181 | 98 ¹ / ₄ | 29,753 | 102 ⁷ / ₈ | 31,282 | 107 ¹ / ₂ | 32,760 | 112 ¹ / ₈ | 34,176 |
| 93 ³ / ₄ | 28,224 | 98 ³ / ₈ | 29,794 | 103 | 31,323 | 107 ⁵ / ₈ | 32,799 | 112 ¹ / ₄ | 34,214 |
| 93 ⁷ / ₈ | 28,267 | 98 ¹ / ₂ | 29,836 | 103 ¹ / ₈ | 31,363 | 107 ³ / ₄ | 32,838 | 112 ³ / ₈ | 34,251 |
| 94 | 28,310 | 98 ⁵ / ₈ | 29,878 | 103 ¹ / ₄ | 31,404 | 107 ⁷ / ₈ | 32,877 | 112 ¹ / ₂ | 34,288 |
| 94 ¹ / ₈ | 28,352 | 98 ³ / ₄ | 29,920 | 103 ³ / ₈ | 31,444 | 108 | 32,916 | 112 ⁵ / ₈ | 34,325 |
| 94 ¹ / ₄ | 28,395 | 98 ⁷ / ₈ | 29,962 | 103 ¹ / ₂ | 31,485 | 108 ¹ / ₈ | 32,955 | 112 ³ / ₄ | 34,362 |
| 94 ³ / ₈ | 28,438 | 99 | 30,004 | 103 ⁵ / ₈ | 31,525 | 108 ¹ / ₄ | 32,994 | 112 ⁷ / ₈ | 34,399 |
| 94 ¹ / ₂ | 28,481 | 99 ¹ / ₈ | 30,045 | 103 ³ / ₄ | 31,566 | 108 ³ / ₈ | 33,033 | 113 | 34,436 |
| 94 ⁵ / ₈ | 28,524 | 99 ¹ / ₄ | 30,087 | 103 ⁷ / ₈ | 31,606 | 108 ¹ / ₂ | 33,072 | 113 ¹ / ₈ | 34,473 |
| 94 ³ / ₄ | 28,566 | 99 ³ / ₈ | 30,129 | 104 | 31,646 | 108 ⁵ / ₈ | 33,110 | 113 ¹ / ₄ | 34,510 |
| 94 ⁷ / ₈ | 28,609 | 99 ¹ / ₂ | 30,170 | 104 ¹ / ₈ | 31,687 | 108 ³ / ₄ | 33,149 | 113 ³ / ₈ | 34,547 |
| 95 | 28,652 | 99 ⁵ / ₈ | 30,212 | 104 ¹ / ₄ | 31,727 | 108 ⁷ / ₈ | 33,188 | 113 ¹ / ₂ | 34,584 |
| 95 ¹ / ₈ | 28,695 | 99 ³ / ₄ | 30,254 | 104 ³ / ₈ | 31,767 | 109 | 33,226 | 113 ⁵ / ₈ | 34,621 |
| 95 ¹ / ₄ | 28,737 | 99 ⁷ / ₈ | 30,295 | 104 ¹ / ₂ | 31,808 | 109 ¹ / ₈ | 33,265 | 113 ³ / ₄ | 34,657 |
| 95 ³ / ₈ | 28,780 | 100 | 30,337 | 104 ⁵ / ₈ | 31,848 | 109 ¹ / ₄ | 33,304 | 113 ⁷ / ₈ | 34,694 |
| 95 ¹ / ₂ | 28,823 | 100 ¹ / ₈ | 30,378 | 104 ³ / ₄ | 31,888 | 109 ³ / ₈ | 33,342 | 114 | 34,730 |
| 95 ⁵ / ₈ | 28,865 | 100 ¹ / ₄ | 30,420 | 104 ⁷ / ₈ | 31,928 | 109 ¹ / ₂ | 33,380 | 114 ¹ / ₈ | 34,767 |
| 95 ³ / ₄ | 28,908 | 100 ³ / ₈ | 30,461 | 105 | 31,968 | 109 ⁵ / ₈ | 33,419 | 114 ¹ / ₄ | 34,803 |
| 95 ⁷ / ₈ | 28,950 | 100 ¹ / ₂ | 30,502 | 105 ¹ / ₈ | 32,008 | 109 ³ / ₄ | 33,457 | 114 ³ / ₈ | 34,840 |
| 96 | 28,993 | 100 ⁵ / ₈ | 30,544 | 105 ¹ / ₄ | 32,048 | 109 ⁷ / ₈ | 33,495 | 114 ¹ / ₂ | 34,876 |
| 96 ¹ / ₈ | 29,035 | 100 ³ / ₄ | 30,585 | 105 ³ / ₈ | 32,088 | 110 | 33,534 | 114 ⁵ / ₈ | 34,912 |
| 96 ¹ / ₄ | 29,078 | 100 ⁷ / ₈ | 30,626 | 105 ¹ / ₂ | 32,128 | 110 ¹ / ₈ | 33,572 | 114 ³ / ₄ | 34,949 |
| 96 ³ / ₈ | 29,120 | 101 | 30,668 | 105 ⁵ / ₈ | 32,167 | 110 ¹ / ₄ | 33,610 | 114 ⁷ / ₈ | 34,985 |
| 96 ¹ / ₂ | 29,162 | 101 ¹ / ₈ | 30,709 | 105 ³ / ₄ | 32,207 | 110 ³ / ₈ | 33,648 | 115 | 35,021 |
| 96 ⁵ / ₈ | 29,205 | 101 ¹ / ₄ | 30,750 | 105 ⁷ / ₈ | 32,247 | 110 ¹ / ₂ | 33,686 | 115 ¹ / ₈ | 35,057 |
| 96 ³ / ₄ | 29,247 | 101 ³ / ₈ | 30,791 | 106 | 32,287 | 110 ⁵ / ₈ | 33,724 | 115 ¹ / ₄ | 35,093 |
| 96 ⁷ / ₈ | 29,289 | 101 ¹ / ₂ | 30,832 | 106 ¹ / ₈ | 32,326 | 110 ³ / ₄ | 33,762 | 115 ³ / ₈ | 35,129 |
| 97 | 29,332 | 101 ⁵ / ₈ | 30,873 | 106 ¹ / ₄ | 32,366 | 110 ⁷ / ₈ | 33,800 | 115 ¹ / ₂ | 35,165 |
| 97 ¹ / ₈ | 29,374 | 101 ³ / ₄ | 30,914 | 106 ³ / ₈ | 32,406 | 111 | 33,838 | 115 ⁵ / ₈ | 35,200 |

Capacity Chart

Enter your company name here

Customer:

Tank Description:

COLO. DEPART. OF TRANSPOR.

144" X 579"

EAT40000P3

JOB 8839

Serial Number:

UL #M32270 STI-P3 #274328

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|
| 115 | 35,236 | 120 | 36,514 | 125 | 37,692 | 129 | 38,753 | 134 | 39,667 |
| 115 ¹ / ₈ | 35,272 | 120 ¹ / ₂ | 36,547 | 125 ¹ / ₈ | 37,723 | 129 ³ / ₄ | 38,780 | 134 ³ / ₈ | 39,690 |
| 116 | 35,307 | 120 ⁵ / ₈ | 36,580 | 125 ¹ / ₄ | 37,753 | 129 ⁷ / ₈ | 38,806 | 134 ¹ / ₂ | 39,712 |
| 116 ¹ / ₈ | 35,343 | 120 ³ / ₄ | 36,613 | 125 ³ / ₈ | 37,783 | 130 | 38,833 | 134 ⁵ / ₈ | 39,734 |
| 116 ¹ / ₄ | 35,378 | 120 ⁷ / ₈ | 36,646 | 125 ¹ / ₂ | 37,813 | 130 ¹ / ₈ | 38,859 | 134 ³ / ₄ | 39,756 |
| 116 ³ / ₈ | 35,414 | 121 | 36,679 | 125 ⁵ / ₈ | 37,843 | 130 ¹ / ₄ | 38,886 | 134 ⁷ / ₈ | 39,778 |
| 116 ¹ / ₂ | 35,449 | 121 ¹ / ₈ | 36,712 | 125 ³ / ₄ | 37,873 | 130 ³ / ₈ | 38,912 | 135 | 39,799 |
| 116 ⁵ / ₈ | 35,485 | 121 ¹ / ₄ | 36,745 | 125 ⁷ / ₈ | 37,903 | 130 ¹ / ₂ | 38,938 | 135 ¹ / ₈ | 39,821 |
| 116 ³ / ₄ | 35,520 | 121 ³ / ₈ | 36,777 | 126 | 37,933 | 130 ⁵ / ₈ | 38,964 | 135 ¹ / ₄ | 39,842 |
| 116 ⁷ / ₈ | 35,555 | 121 ¹ / ₂ | 36,810 | 126 ¹ / ₈ | 37,962 | 130 ³ / ₄ | 38,990 | 135 ³ / ₈ | 39,863 |
| 117 | 35,590 | 121 ⁵ / ₈ | 36,843 | 126 ¹ / ₄ | 37,992 | 130 ⁷ / ₈ | 39,016 | 135 ¹ / ₂ | 39,884 |
| 117 ¹ / ₈ | 35,625 | 121 ³ / ₄ | 36,875 | 126 ³ / ₈ | 38,021 | 131 | 39,042 | 135 ⁵ / ₈ | 39,905 |
| 117 ¹ / ₄ | 35,660 | 121 ⁷ / ₈ | 36,908 | 126 ¹ / ₂ | 38,050 | 131 ¹ / ₈ | 39,067 | 135 ³ / ₄ | 39,926 |
| 117 ³ / ₈ | 35,695 | 122 | 36,940 | 126 ⁵ / ₈ | 38,080 | 131 ¹ / ₄ | 39,093 | 135 ⁷ / ₈ | 39,946 |
| 117 ¹ / ₂ | 35,730 | 122 ¹ / ₈ | 36,972 | 126 ³ / ₄ | 38,109 | 131 ³ / ₈ | 39,118 | 136 | 39,967 |
| 117 ⁵ / ₈ | 35,765 | 122 ¹ / ₄ | 37,004 | 126 ⁷ / ₈ | 38,138 | 131 ¹ / ₂ | 39,143 | 136 ¹ / ₈ | 39,987 |
| 117 ³ / ₄ | 35,800 | 122 ³ / ₈ | 37,036 | 127 | 38,167 | 131 ⁵ / ₈ | 39,168 | 136 ¹ / ₄ | 40,007 |
| 117 ⁷ / ₈ | 35,834 | 122 ¹ / ₂ | 37,069 | 127 ¹ / ₈ | 38,196 | 131 ³ / ₄ | 39,193 | 136 ³ / ₈ | 40,027 |
| 118 | 35,869 | 122 ⁵ / ₈ | 37,100 | 127 ¹ / ₄ | 38,225 | 131 ⁷ / ₈ | 39,218 | 136 ¹ / ₂ | 40,047 |
| 118 ¹ / ₈ | 35,903 | 122 ³ / ₄ | 37,132 | 127 ³ / ₈ | 38,253 | 132 | 39,243 | 136 ⁵ / ₈ | 40,067 |
| 118 ¹ / ₄ | 35,938 | 122 ⁷ / ₈ | 37,164 | 127 ¹ / ₂ | 38,282 | 132 ¹ / ₈ | 39,268 | 136 ³ / ₄ | 40,086 |
| 118 ³ / ₈ | 35,972 | 123 | 37,196 | 127 ⁵ / ₈ | 38,310 | 132 ¹ / ₄ | 39,292 | 136 ⁷ / ₈ | 40,106 |
| 118 ¹ / ₂ | 36,007 | 123 ¹ / ₈ | 37,228 | 127 ³ / ₄ | 38,339 | 132 ³ / ₈ | 39,316 | 137 | 40,125 |
| 118 ⁵ / ₈ | 36,041 | 123 ¹ / ₄ | 37,259 | 127 ⁷ / ₈ | 38,367 | 132 ¹ / ₂ | 39,341 | 137 ¹ / ₈ | 40,144 |
| 118 ³ / ₄ | 36,075 | 123 ³ / ₈ | 37,291 | 128 | 38,395 | 132 ⁵ / ₈ | 39,365 | 137 ¹ / ₄ | 40,162 |
| 118 ⁷ / ₈ | 36,109 | 123 ¹ / ₂ | 37,322 | 128 ¹ / ₈ | 38,423 | 132 ³ / ₄ | 39,389 | 137 ³ / ₈ | 40,181 |
| 119 | 36,143 | 123 ⁵ / ₈ | 37,353 | 128 ¹ / ₄ | 38,451 | 132 ⁷ / ₈ | 39,413 | 137 ¹ / ₂ | 40,200 |
| 119 ¹ / ₈ | 36,177 | 123 ³ / ₄ | 37,385 | 128 ³ / ₈ | 38,479 | 133 | 39,437 | 137 ⁵ / ₈ | 40,218 |
| 119 ¹ / ₄ | 36,211 | 123 ⁷ / ₈ | 37,416 | 128 ¹ / ₂ | 38,507 | 133 ¹ / ₈ | 39,460 | 137 ³ / ₄ | 40,236 |
| 119 ³ / ₈ | 36,245 | 124 | 37,447 | 128 ⁵ / ₈ | 38,535 | 133 ¹ / ₄ | 39,484 | 137 ⁷ / ₈ | 40,254 |
| 119 ¹ / ₂ | 36,279 | 124 ¹ / ₈ | 37,478 | 128 ³ / ₄ | 38,563 | 133 ³ / ₈ | 39,507 | 138 | 40,272 |
| 119 ⁵ / ₈ | 36,313 | 124 ¹ / ₄ | 37,509 | 128 ⁷ / ₈ | 38,590 | 133 ¹ / ₂ | 39,530 | 138 ¹ / ₈ | 40,289 |
| 119 ³ / ₄ | 36,346 | 124 ³ / ₈ | 37,540 | 129 | 38,617 | 133 ⁵ / ₈ | 39,554 | 138 ¹ / ₄ | 40,307 |
| 119 ⁷ / ₈ | 36,380 | 124 ¹ / ₂ | 37,570 | 129 ¹ / ₈ | 38,645 | 133 ³ / ₄ | 39,577 | 138 ³ / ₈ | 40,324 |
| 120 | 36,413 | 124 ⁵ / ₈ | 37,601 | 129 ¹ / ₄ | 38,672 | 133 ⁷ / ₈ | 39,599 | 138 ¹ / ₂ | 40,341 |
| 120 ¹ / ₈ | 36,447 | 124 ³ / ₄ | 37,632 | 129 ³ / ₈ | 38,699 | 134 | 39,622 | 138 ⁵ / ₈ | 40,358 |
| 120 ¹ / ₄ | 36,480 | 124 ⁷ / ₈ | 37,662 | 129 ¹ / ₂ | 38,726 | 134 ¹ / ₈ | 39,645 | 138 ³ / ₄ | 40,374 |

Capacity Chart

Enter your company name here

Customer:

COLO. DEPART. OF TRANSPOR.
EAT40000P3

Tank Description:

144" X 579"
JOB 8839

Serial Number:

UL #M32270 STI-P3 #274328

| Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) | Depth
(inches) | Capacity
(gallons) |
|---------------------------------|-----------------------|---------------------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|
| 138 ⁵ / ₈ | 40,391 | 143 ¹ / ₈ | 40,813 | | | | | | |
| 139 | 40,407 | 143 ⁵ / ₈ | 40,816 | | | | | | |
| 139 ¹ / ₈ | 40,423 | 143 ³ / ₄ | 40,818 | | | | | | |
| 139 ¹ / ₄ | 40,439 | | | | | | | | |
| 139 ³ / ₈ | 40,454 | | | | | | | | |
| 139 ¹ / ₂ | 40,470 | | | | | | | | |
| 139 ⁵ / ₈ | 40,485 | | | | | | | | |
| 139 ³ / ₄ | 40,500 | | | | | | | | |
| 139 ⁷ / ₈ | 40,515 | | | | | | | | |
| 140 | 40,529 | | | | | | | | |
| 140 ¹ / ₈ | 40,543 | | | | | | | | |
| 140 ¹ / ₄ | 40,557 | | | | | | | | |
| 140 ³ / ₈ | 40,571 | | | | | | | | |
| 140 ¹ / ₂ | 40,585 | | | | | | | | |
| 140 ⁵ / ₈ | 40,598 | | | | | | | | |
| 140 ³ / ₄ | 40,611 | | | | | | | | |
| 140 ⁷ / ₈ | 40,624 | | | | | | | | |
| 141 | 40,636 | | | | | | | | |
| 141 ¹ / ₈ | 40,648 | | | | | | | | |
| 141 ¹ / ₄ | 40,660 | | | | | | | | |
| 141 ³ / ₈ | 40,672 | | | | | | | | |
| 141 ¹ / ₂ | 40,683 | | | | | | | | |
| 141 ⁵ / ₈ | 40,694 | | | | | | | | |
| 141 ³ / ₄ | 40,705 | | | | | | | | |
| 141 ⁷ / ₈ | 40,715 | | | | | | | | |
| 142 | 40,725 | | | | | | | | |
| 142 ¹ / ₈ | 40,735 | | | | | | | | |
| 142 ¹ / ₄ | 40,745 | | | | | | | | |
| 142 ³ / ₈ | 40,753 | | | | | | | | |
| 142 ¹ / ₂ | 40,762 | | | | | | | | |
| 142 ⁵ / ₈ | 40,770 | | | | | | | | |
| 142 ³ / ₄ | 40,778 | | | | | | | | |
| 142 ⁷ / ₈ | 40,785 | | | | | | | | |
| 143 | 40,792 | | | | | | | | |
| 143 ¹ / ₈ | 40,798 | | | | | | | | |
| 143 ¹ / ₄ | 40,804 | | | | | | | | |
| 143 ³ / ₈ | 40,809 | | | | | | | | |

**Eisenhower/Johnson Memorial Tunnel
Fixed Fire Suppression System
Design Build Project, NO. C 0703-360**

Drainage Tanks Water Removal Procedure

Introduction:

Drainage Tanks shall be pumped free of water after each fire event. The tank full sensor may not be in alarm depending on how much water is collected but the tanks should be emptied anyways.

General Notes:

- All water that is deposited in tanks should be considered contaminated and should be dealt with accordingly.
- The level sensor in the tank will reset automatically when the water level recesses below the full threshold.

Water Removal Procedure:

1. Ensure sewer room valves have been reset to ensure water isn't entering tanks while tanks are being drained.
2. Close Over-Height Truck Area
3. Remove Manhole Covers
4. Remove Tank Manway Covers
5. Place Pump in Tanks
6. Insert hose into removal container or truck
7. Turn Power on to Pumps

Water Removal Equipment List:

1. Manhole puller
2. Pump
3. Hose
4. Contaminated Water Removal Container (Tank or Truck)

**Eisenhower/Johnson Memorial Tunnel
Fixed Fire Suppression System
Design Build Project, NO. C 0703-360**

Drainage Tank Consumables

The Eaton Drainage Tanks and all associated components have no required consumables for normal operation, nor for any ongoing testing and maintenance operations.