

Aboveground Storage Tank (AST) New Installation/First Fill Checklist

Tank Owner: _____ Address: _____ Phone/Email: _____

Aboveground storage tank (AST) inspections are required in accordance with Section 9-305 of the AST Rules (effective date 8/1/2024). A certified tank inspector must complete this checklist.

_____ Tank Size gallons Is the tank in a flood-prone area? YES NO If tank is a replacement, has old tank been removed? YES NO

Tank Location: Indoor Outdoor _____ Year Installed Tank Type: 12 GA Steel Single Wall 12 GA Steel Double Wall
 Fiberglass Single Wall Fiberglass Double Wall Double-wall tanks with Polyethylene or other plastic polymer inner wall and metallic outer wall Other Number of tanks in system One Two or more If two or more, **each** tank must be compliant with the questions below.

COMPLETE AFTER TANK INSTALLATION BUT BEFORE FIRST FILL <i>The number refers to the tank diagram on the other side.</i>	NA	YES	NO
Is the tank installed on a concrete pad at least 4 inches thick and a footprint exceeding dimensions of tank by at least 10%? (1) <i>Check NA only if an alternative foundation has been approved by the Agency in writing. Date of Approval: _____</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If piping and fuel lines in direct contact with earthen materials or concrete coated and sleeved to protect against corrosion and damage? (2) <i>Check NA only if pipes and fuel lines are not in direct contact with earthen material or concrete.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the vent line equipped with an operational overfill vent alarm that terminates within 12 feet of the fill pipe and is visible from the fill pipe? (3)		<input type="checkbox"/>	<input type="checkbox"/>
Is the fill and vent pipe diameter a minimum 1¼ inches and is fill and vent piping made of metal materials permitted by NFPA 31? Are fill and vent pipes fitted with appropriate caps? (4)		<input type="checkbox"/>	<input type="checkbox"/>
Is the entirety of tank surface and legs free of any cracks, significant corrosion, pitting, rust, spores, dents, and bulges? (5)		<input type="checkbox"/>	<input type="checkbox"/>
Is the tank shut-off valve within 12 inches of the fuel outlet? If tank draws from top of tank, is the shutoff valve installed before the filter? (9)		<input type="checkbox"/>	<input type="checkbox"/>
Are all unused openings properly plugged/closed?		<input type="checkbox"/>	<input type="checkbox"/>
Are all tank legs no longer than 14 inches in length? (8) <i>Check NA only if longer legs were approved by the Agency in writing. Date of Approval: _____</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the tank have an operational fuel level gauge? (7)		<input type="checkbox"/>	<input type="checkbox"/>
For tanks with Double Wall Protection: is the tank equipped with a functional interstitial leak detector? (Leave blank if single wall tank)		<input type="checkbox"/>	<input type="checkbox"/>
For outdoor tanks: Is the tank protected from hazards (falling ice and snow from roof)? (6) <i>Leave response blank for indoor tank.</i>		<input type="checkbox"/>	<input type="checkbox"/>
For indoor tanks: Is tank located on the lowest floor of the structure? Check N/A if an alternative location has been approved by Agency in writing; leave response blank for outdoor tank. Date of Approval: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If there are multiple tanks, does each tank either have a separate fill and vent pipe or have a separate fill but manifolded vent pipe?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For tanks in flood prone areas: Is the tank anchored to concrete pad or alternative pre-approved foundation and is the vent pipe of sufficient length to extend above projected flood level? <i>Check NA only if NOT located in a flood prone area OR if you received written exemption. Date: _____</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STOP! If any responses to the above questions are "NO", the tank has not been installed in compliance with the Vermont AST Rules and cannot be filled. Unless the out-of-compliance issues can be addressed immediately, the tank must be **Red Tagged** and reported to the Agency within 5 days using the link found at TankRules.com

COMPLETE AFTER FIRST FILL FOR NEW INSTALLATIONS ONLY	YES	NO
Is the system free of drips, leaks, or other evidence of a release?	<input type="checkbox"/>	<input type="checkbox"/>
Did the vent alarm function during the delivery?	<input type="checkbox"/>	<input type="checkbox"/>

If any responses to the above questions are "NO", the tank has not been installed in compliance with the Vermont AST Rules and must be Red Tagged unless the out-of-compliance issues can be addressed immediately.

CERTIFICATION STATEMENT Inspection completed by: _____
Name of Vermont Certified Tank Inspector Company Date

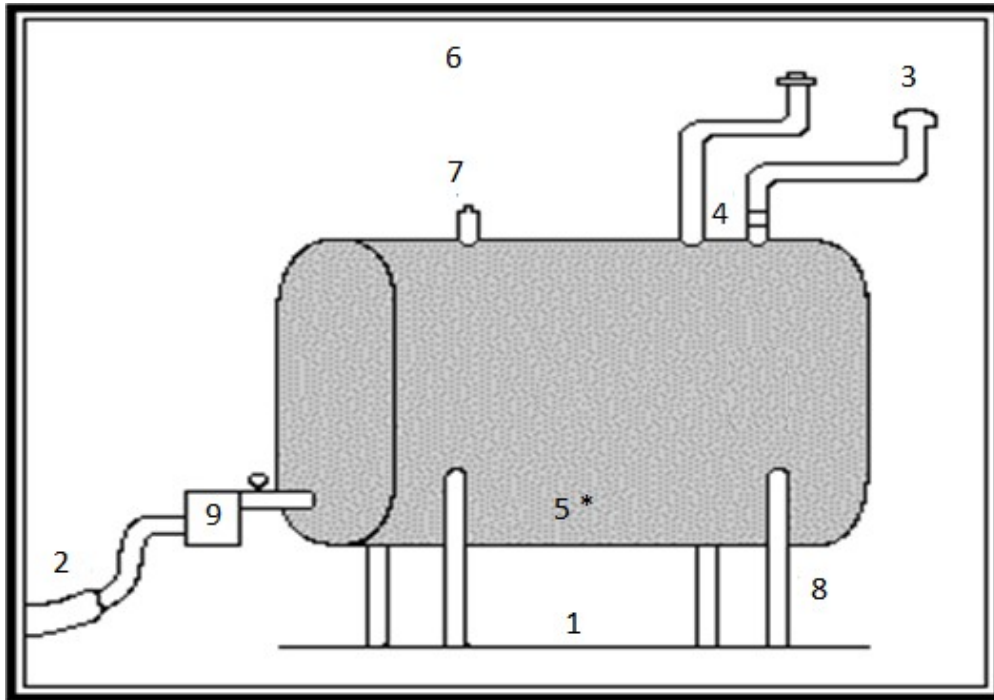
I, _____, as a Vermont-certified tank inspector, confirm compliance with standards specified in the 2024 VT AST Rules.
Signature of Vermont Certified Tank Inspector

This inspection checklist has been developed to assist in performing AST inspections pursuant to the AST Rules, effective August 1, 2024. The complete AST Regulations, a full description of inspection requirements, guidance documents, and other compliance information can be found online at www.TankRules.com.

The tank inspector is **required** to provide the tank owner with a copy of the completed checklist within five business days of the date of inspection. The inspector shall also retain a copy of the completed checklist and any photo documentation for four years and provide it to the Agency of Natural Resources upon request.

All inspections resulting in a RED tag or YELLOW tag must be reported to ANR within five days using the online form found at www.TankRules.com.

Tank Systems For tank systems with two or more tanks, only one inspection form is required; however, each tank must be compliant with rules in order to pass the inspection. Any aboveground storage tank system that includes more than one storage tank shall have, for each tank, a separate fill pipe, a separate fuel volume gauge, a separate vent pipe, and a separate vent alarm. A manifold can connect the separate vents inside the building and tie them into one outlet vent pipe that goes to the outside of the structure as long as the outlet pipe is at least one pipe size larger than the largest individual vent pipe. If the two tanks have a fill-pipe manifold that NFPA does not approve, it is non-compliant.



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This form was adapted by HCCV and VFDA. Approved for use by the Vermont Agency of Natural Resources.