

Aboveground Storage Tank (AST) Inspection Checklist FOR TANKS INSTALLED BEFORE 8/1/2024

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.

Inspection Type: Routine *Once every four years* New Customer _____ Tank Size *gallons* Is the tank in a flood-prone area? YES NO

Tank Location: Indoor Outdoor _____ Year Installed *Write "UNK" if unknown* Number of tanks in system One Two or more
If two or more, each tank must be compliant with the questions below.

Tank Compliance Items (N/A = Not Applicable) *The number at the end of the question refers to the tank diagram on back of this form.	YES	NO	
	Compliant	RED	YELLOW
Is the tank on a stable foundation? <i>Freestanding, no evidence of leaning or tilting, no evidence of subsidence. (1)</i>	<input type="checkbox"/>	<input type="checkbox"/>	NA
Is the fuel line either above ground, coated, or sleeved to protect against corrosion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the tank have an operational overfill vent alarm that is both visible and at least 12 feet from the fill pipe? (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are both the fill and vent pipe made of metal with a diameter of at least 1 ¼ inches? (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all unused tank openings properly plugged/closed?	<input type="checkbox"/>	<input type="checkbox"/>	NA
Is the tank free of the following deficiencies? <i>If NO, check all that apply (5)</i> <input type="checkbox"/> Evidence of leak at the fill/vent pipe/top of tank <input type="checkbox"/> Moderate pitting on tank <input type="checkbox"/> Moderate rust on legs <input type="checkbox"/> Moderate rust on tank <input type="checkbox"/> Visible bulges or dents on tank seams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank free of the following deficiencies? <i>If NO, check all that apply (5)</i> <input type="checkbox"/> Cracks in tank legs or tank <input type="checkbox"/> Excessive rust on tank surface or tank legs <input type="checkbox"/> Excessive Pitting on tank <input type="checkbox"/> Tank leaking, dripping or weeping	<input type="checkbox"/>	<input type="checkbox"/>	NA
If ANY answers to above questions are "NO" and "RED" the inspector shall affix a "Do Not Fill" (RED) tag to the tank. If ANY answers to the questions above are "NO" and only "YELLOW" is indicated, the inspector may affix a "Conditional Fill" (YELLOW) tag. Applying a YELLOW tag to a tank where any of the above inspection items have a RED tag selection is prohibited. Note: For manifolded tank systems, see instructions on back of form.			
Additional Inspection Items: <i>If marked 'NO' these must be brought into compliance by July 1, 2030</i>	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%?	<input type="checkbox"/>	<input type="checkbox"/>	
Are fuel lines in direct contact with earthen materials/concrete coated <u>and</u> sleeved to protect from corrosion and damage? (2)	<input type="checkbox"/>	<input type="checkbox"/>	
Is the fill pipe made of Schedule 40 steel or brass as approved by NFPA 31? Are fill and vent pipes fitted with appropriate caps?	<input type="checkbox"/>	<input type="checkbox"/>	
For outdoor tanks only: Is tank protected from hazards (falling ice and snow from roof)? (6) <i>Leave response blank for indoor tanks</i>	<input type="checkbox"/>	<input type="checkbox"/>	
Are all tank legs no longer than 14 inches in length? (8)	<input type="checkbox"/>	<input type="checkbox"/>	
For tanks located 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 N/A to confirm tank is not located in flood prone area</i> <input type="checkbox"/> N/A	<input type="checkbox"/>	<input type="checkbox"/>	

Other Tank System Notes:

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

I, _____, as a Vermont-certified tank inspector, confirm that the AST was inspected on _____
Signature of Vermont Certified Tank Inspector Date

- This tank system was found to be compliant with Vermont's AST Rules.
- This tank system is noncompliant with AST Rules, has been Red-Tagged, and can not be filled.
- This tank system is noncompliant with AST Rules and has been Yellow-Tagged; photo documentation of non-compliant items has been collected and filed with the inspection checklist. This tank must be repaired after the heating season.

RECOMMENDED REPAIRS/ UPGRADES

- Repair or replace the foundation
- Replace unprotected oil lines with sleeved and coated oil lines
- Install alarm and/or move vent pipe to an approved location
- Replace fill and/or vent line(s)
- Replace tank or tank legs
- Anchor tank to concrete
- Other: _____

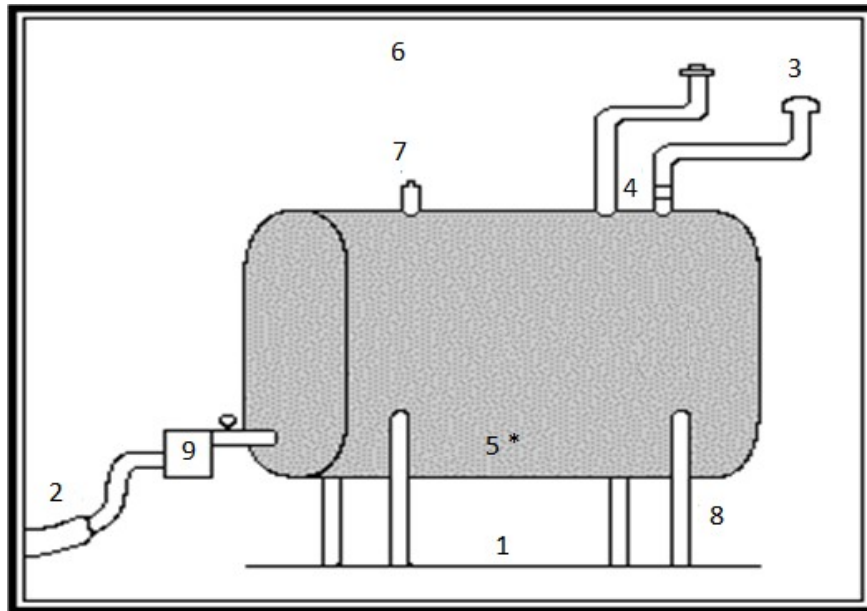
This inspection checklist has been developed to assist in performing AST inspections pursuant to the AST Rules, effective August 1, 2024. The complete AST Regulations, a full description of inspection requirements, guidance documents, and other compliance information can be found online at www.TankRules.com.

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.

Multiple Tanks

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. It should be noted in *Other Tank System Notes* that a YELLOW tag was issued and repaired at the end of the heating season.



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