

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

Approved for use by the Agency of Natural Resources on XXXXXX

Aboveground storage tank (AST) inspections are required by the Aboveground Storage Tank Rules (effective XXXXXX). Tank inspections are required to be conducted in accordance with Section 9-305 of the Rules. This checklist is to be completed by the person inspecting the tank.

Inspection Completed by: _____ Company: _____

Tank Owner Info:

Name:	Address:
City/Town:	Phone/email:

Type of Tank:

12 GA Steel Double Wall 12 GA Steel Single Wall
 Fiberglass Double Wall Fiberglass Single Wall
 Polyethylene/Other Plastic Polymer Double Wall

Tank Location: Indoor Outdoor

Date of Tank Install: _____ (Date of Installation Must be Visibly Identified on Tank)

COMPLETE AFTER TANK INSTALLATION BUT BEFORE FIRST FILL: (The number at the end of each question refers to the tank diagram on page 2 of this checklist)	NA	YES	NO
Is the tank installed on a continuous 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. Provide Date of Approval _____</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are piping and fuel lines that are 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 overfill vent alarm that is within 12 feet of the fill pipe and visible from the fill pipe? (3)		<input type="checkbox"/>	<input type="checkbox"/>
Is the fill and vent line diameter a minimum 1¼ inches and is the fill piping made of black iron? 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"/>
Does the tank have a shut-off valve within 12 inches of the AST fuel outlet? If tank draws fuel from the top of tank, is the shutoff valve installed before the fuel filter? (9)		<input type="checkbox"/>	<input type="checkbox"/>
Are all unused openings 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. Provide 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 outdoor tanks: is the tank protected from hazards (falling ice and snow from roof)? (6) Leave response blank for indoor tank.	<input type="checkbox"/>	<input type="checkbox"/>
For indoor tanks- is tank located on the lowest floor of the structure? <i>Check NA only if the tank is NOT located inside a structure OR if an alternative location has been approved by Agency in writing. Provide Date of Approval</i>	<input type="checkbox"/>	<input type="checkbox"/>
If the tank gravity feeds a heating appliance, is it installed with an anti-siphon valve at the tank? <i>Check NA only if does not apply.</i>	<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? <i>Check NA only if does not apply.</i>	<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**.

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

I, _____, as the inspector of
(Print name and company)

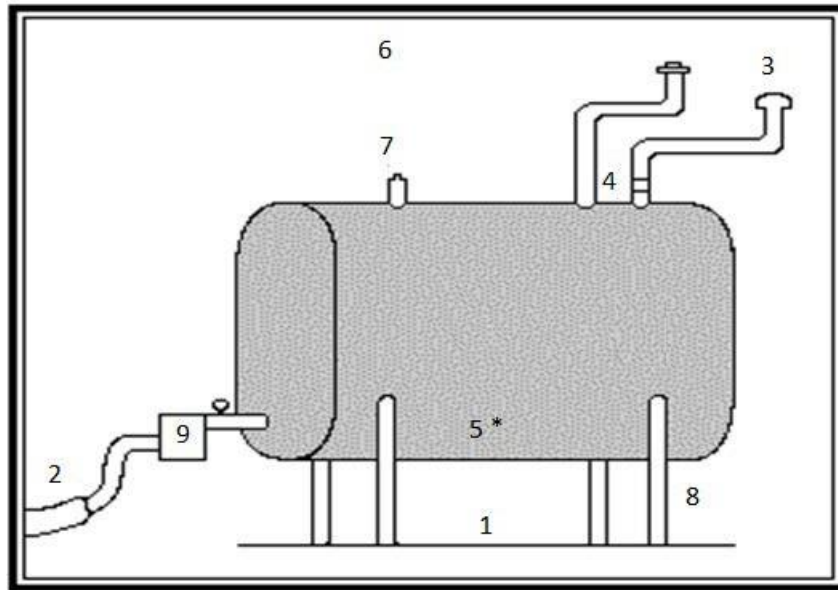
this AST do certify that the new tank system located at _____
(Property address)

was inspected on: _____ and was found to be In Compliance with standards specified in 2024 VT AST rules.
(Date) Not in Compliance

(Signature of certified tank inspector)

(Date)

The tank inspector is required to provide a copy of this completed checklist to the tank owner **within five business days** of the date of inspection. A copy of the completed checklist shall also be retained by the tank inspector for **three years** and shall be presented to the Agency of Natural Resources upon request.



DISCLAIMER: This inspection checklist has been developed to assist in performing AST inspections pursuant to the AST Rules, effective XXXXX. A full description of inspection requirements and other compliance information can be found in the Rules, located here: [LINK](#)

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ANR Storage Tanks web page: <http://dec.vermont.gov/waste-management/storage-tanks>