

Aboveground Storage Tank (AST) Routine/New Customer Inspection Checklist



FOR TANKS INSTALLED BEFORE 08/01/2024

Approved for use by the Agency of Natural Resources on 08/01/2024

Aboveground storage tank (AST) inspections are required by the Aboveground Storage Tank Rules. Tank inspections are required to be conducted in accordance with Section 9-305 of the AST Rules (effective date 8/1/2024). This checklist is to be completed by a certified tank inspector completing the inspection.

Inspection Completed by: _____ Company: _____

Tank Owner Info:

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

Type of Inspection: Routine (once every four years) New Customer Size of Tank: _____ Gallons
 Tank Location: Indoor Outdoor Is tank located in a flood prone area? YES NO
 Year of Tank Installation _____ check here if install year unknown
 Number of tanks in tank system One Two or more (If 2+, each tank must be compliant with questions below)

Tank Compliance Items (NA = Not Applicable)	YES	NO	
	Compliant	RED	YELLOW
Is the tank on a stable foundation? (i.e., the tank is freestanding, no evidence of leaning or tilting, no evidence of subsidence) (1)	<input type="checkbox"/>	<input type="checkbox"/>	NA
Are buried fuel line(s) and buried tank piping coated or sleeved to protect against corrosion? Check here to indicate fuel lines and piping are NOT buried <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank equipped with an operational overfill vent alarm that terminates within 12 feet of the fill pipe and visible from the fill pipe? (3)	For Indoor Tank <input type="checkbox"/>	<input type="checkbox"/>	NA
	For Outdoor Tank <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the fill and vent pipe diameter a minimum 1 ¼ inches and made of metal? (NOTE: For manifolded tank systems, each tank must either have a separate fill and vent pipe or have a separate fill but manifolded vent pipe to be compliant.) (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 tank free of the following deficiencies? (If NO, then check all items that apply) (5)			
Bulges or Dents on tank seams visible <input type="checkbox"/> Moderate pitting on tank <input type="checkbox"/>			
Moderate rust on legs <input type="checkbox"/> Moderate rust on tank <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visible evidence of leak at the fill or vent pipe (top of tank) <input type="checkbox"/>			
For double walled tanks, the interstitial space leak indicator showing presence of leak <input type="checkbox"/>			
Is tank free of the following deficiencies? (If NO, then check all items that apply) (5)			
Cracks in tank legs or tank <input type="checkbox"/> Excessive rust on tank surface or tank legs <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
Excessive Pitting on tank <input type="checkbox"/> Tank is actively leaking, dripping or weeping <input type="checkbox"/>			

STOP: If ANY answers to above questions are "NO" and "RED tag" the inspector shall affix a "Do Not Fill" (RED) tag to the tank. If ANY answers to above questions are "NO" and only "YELLOW tag" is indicated, the inspector may affix a "Conditional Fill" (YELLOW) tag to the tank. Applying a YELLOW tag to a tank where any of the above inspection items have a RED tag selection is PROHIBITED.

(turn over for certification statement)

Additional Inspection Items- Must be brought to Compliance by July 1, 2030	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 any piping or fuel lines in direct contact with earthen materials or concrete? If yes, are the piping and lines coated and sleeved to protect from corrosion and damage? (2)	<input type="checkbox"/>	<input type="checkbox"/>
Is the fill piping made of schedule 40 steel or brass and according to NFPA? 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 preapproved foundation and is the vent pipe of sufficient length to extend above projected flood level? <i>Check NA to confirm tank is not located in flood prone area</i> NA <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other tank system notes:		

*The number at the end of each question refers to the tank diagram on page 3 of this form

ALL inspections resulting in a RED tag or YELLOW tag must be reported to the Agency within 5 days using the following link: https://anrweb.vt.gov/DEC/ERT/Non_Compliant_AST.aspx.

CERTIFICATION STATEMENT

I, _____ as the inspector of this AST do certify that the
(Print name and company)

tank installed at _____
(Property address)

was inspected on _____.
(Date)

Check one:

- This tank system was found to be compliant with AST Rules.
- This tank system is noncompliant with AST Rules and has been Red Tagged.
- This tank system is noncompliant with AST Rules and has been Yellow Tagged; photo documentation has been collected of noncompliant items and has been filed with the inspection checklist.

(Signature of certified tank inspector)

(Date)

RECOMMENDED REPAIRS/ UPGRADES

- | | |
|--|---|
| Repair or replace foundation <input type="checkbox"/> | Replace fill and/or vent line(s) <input type="checkbox"/> |
| Replace unprotected oil lines with sleeved and coated oil lines <input type="checkbox"/> | Replace tank or tank legs <input type="checkbox"/> |
| Install alarm and/or move vent pipe to approved location <input type="checkbox"/> | Anchor tank to concrete <input type="checkbox"/> |
| Other Recommendations: _____ | |

The tank inspector is **required** to provide a copy of the completed checklist to the tank owner **within five business days** of the date of inspection. A copy of the completed checklist and any photo documentation shall also be retained by the tank inspector for **four years** and shall be provided 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 August 1, 2024. A full description of inspection requirements and other compliance information can be found in the Rules, located here:

<https://dec.vermont.gov/waste-management/storage-tanks/aboveground-storage-tanks-asts>

To use an alternative checklist to complete AST inspections, you must have the alternative checklist pre-approved for use by the Agency prior to use.

ANR Contact Information:

Main Office # 802-828-1138

Hazardous Materials Program Manager: Anna Bourakovsky (802) 477-2981

anna.bourakovsky@vermont.gov

Storage Tanks Section Supervisor: Michael Nahmias (802) 522-4595 michael.nahmias@vermont.gov

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

