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

FOR TANKS INSTALLED BEFORE JULY 1, 2024

*Approved for use by the Agency of Natural Resources on xx/xx/2023*

Aboveground storage tank (AST) inspections are required by the Aboveground Storage Tank Rules, (effective XX/XX/2023). 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 Inspection**: Routine (once every three years)  New Customer

**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)** |  |  | 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 |  |  |  |
| Is the tank equipped with a functional overfill vent alarm/whistle? Is the vent pipe within 12 feet of the fill pipe and visible from the fill pipe? **(3)** |  |  | NA |
| For Indoor Tank |
| For Outdoor Tank |  |  |  |
| 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)** |  |  |  |
| Are all unused tank openings plugged/closed? |  |  | NA |
| Is tank free of the following deficiencies? (If NO, then check all items that apply) **(5)**  Dents or bulges visible in tank  Moderate pitting on tank  Moderate rust on legs  Moderate rust on tank  Visible evidence of leak at the fill or vent pipe (top of tank)  For double walled tanks, the interstitial space leak indicator showing presence of leak |  |  |  |
| Is tank free of the following deficiencies? (If NO, then check all items that apply) **(5)**  Cracks in tank legs or tank  Excessive rust on tank surface or tank legs  Excessive Pitting on tank  Tank is actively leaking, dripping or weeping |  |  | NA |
| **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.** | | | |

|  |  |  |
| --- | --- | --- |
| **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%? |  |  |
| 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)** |  |  |
| Is the fill piping made of schedule 40 steel or brass and according to NFPA? Are fill and vent pipes fitted with appropriate caps? |  |  |
| For **outdoor** tanks only: is tank protected from hazards (falling ice and snow from roof)?  *(Check NA only if the tank is located inside or outside but on gable end of a structure)* **(6) NA** |  |  |
| Are all tank legs no longer than 14 inches in length? **(8)** |  |  |
| **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?  **NA** |  |  |
| 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

Replace unprotected oil lines with sleeved and coated oil lines

Install alarm and/or move vent pipe to approved location

Other Recommendations: ­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Replace fill and/or vent line(s)

Replace tank or tank legs

Anchor tank to concrete

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 **three years** and shall be provided to the Agency of Natural Resources upon request.

**DISCAIMER:** This inspection checklist has been developed to assist in performing AST inspections

pursuant to the AST Rules, effective July XX, 2024. A full description of inspection requirements and other compliance information can be found in the Rules, located here: WEBLINK HERE

# ANR Contact Information:

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ANR Storage Tanks web page: [http://dec.vermont.gov/waste‐management/storage‐tanks](https://dec.vermont.gov/waste-management/storage-tanks)

Diagram

Description automatically generated