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)

