Aboveground Storage Tank (AST)

New Tank System Installation/First Fill Inspection Checklist

*Approved for use by the Agency of Natural Resources on XXXXX*

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:** |

|  |  |
| --- | --- |
| 12 GA Steel Single Wall [ ]  | 12 GA Steel Double Wall [ ]  |
| Fiberglass Double Wall [ ]  | Fiberglass Double Wall [ ]  |
| Double-wall tanks with Polyethylene or other plastic polymer inner wall and metallic outer wall[ ] Other Type:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |

 **Type of Tank**

**Tank Location:** [ ]  **Indoor** [ ]  **Outdoor Is tank located in a flood prone area?** [ ] **YES** [ ]  **NO**

## 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 concrete pad at least 4 inches thick and a footprint exceeding dimensions of tank by at least 10%? **(1)***Check NA only if an alternative foundation has been approved by the Agency in writing.* *Provide Date of Approval* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |[ ] [ ] [ ]
| 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)***Check NA only if pipes and fuel lines are not in direct contact with earthen material or concrete.*  |[ ] [ ] [ ]
| 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)** |  |[ ] [ ]
| Is the fill and vent line diameter a minimum 1¼ inches and is the fill piping made of metal materials permitted by NFPA 31? Are fill and vent pipes fitted with appropriate caps? **(4)** |  |[ ] [ ]
| Is the entirety of tank surface and legs free of any cracks, significant corrosion, pitting, rust, spores, dents and bulges? **(5**) |  |[ ] [ ]
| Does the tank have a shut-off valve within 12 inches of the AST fuel outlet? OR If tank draws fuel from the top of tank, is the shutoff valve installed before the fuel filter? **(9)** |  |[ ] [ ]
| Are all unused openings plugged/closed? |  |[ ] [ ]
| Are all tank legs no longer than 14 inches in length? **(8)***Check NA only if longer legs were approved by the Agency in writing.* *Provide Date of Approval \_\_\_* |[ ] [ ] [ ]
| Does the tank have an operational fuel level gauge? **(7)** |  |[ ] [ ]
|  | **NA** | **YES** | **NO** |
| For tanks with Double Wall Protection: is the tank equipped with a functional interstitial leak detector? Does the leak detector indicate tank is OK? |  |[ ] [ ]
| **For outdoor tanks**: is the tank protected from hazards (falling ice and snow from roof)? **(6)**Leave response blank *for indoor tank*.  |  |[ ] [ ]
| **For indoor tanks**- is tank located on the lowest floor of the structure?*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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |[ ] [ ] [ ]
| If there are multiple tanks, does each tank either have a separate fill and vent pipe or have aseparate fill but manifolded vent pipe? *Check NA only* *if does not apply*. |[ ] [ ] [ ]
| **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? C*heck NA only if tank is NOT located in a flood prone area OR if you received written exemption from this requirement form the Secretary.* |[ ] [ ]  [ ]  |

**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? |[ ] [ ]
| Did the vent alarm function during the delivery? |[ ] [ ]

**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 installation 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.



**DISCAIMER:** 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](http://dec.vermont.gov/sites/dec/files/wmp/UST/Aboveground_Storage_Tank_Rules_8-15-2017.pdf)

**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)