



NASSAU COUNTY DEPARTMENT OF HEALTH

ARTICLE XI – Toxic & Hazardous Material Handling & Storage Compliance

Be advised that the Department will be inspecting your facility to verify compliance with Article XI of the Public Health Ordinance/Regulations. We will be looking specifically at regulated storage for compliance with the following:

- | | |
|---|--|
| 1) Spill Control, Containment and Inspections | 4) Overfill Protection / Electronic Monitoring |
| 2) Proper Segregation of Incompatible Materials | 5) Labeling and Notice Requirements |
| 3) Secure Storage and Weatherproofing | 6) Documentation and Other Records |

SPILL CONTROL, CONTAINMENT AND ROUTINE INSPECTIONS: All regulated products or materials must be stored within a compatible material. Additionally, storage must have containment which prevents the release of product or material into the environment. For tanks, spill control and containment may be accomplished with a double walled tank. For drums, a spill pallet could serve as adequate spill control and containment. At a minimum, the secondary containment must be able to store 110% of the capacity of the largest tank or container. Please be aware, the required storage capacity of a storage areas secondary containment is dependent on the size of the storage area. Please contact the Department if you plan on storing more than 1,100 gallons of liquid products in any given storage area or 2,000 pounds of solids in any given area. The integrity of the storage and containment must be routinely inspected by site operators to ensure there are no leaks, spills or damage. The secondary containment must be kept clean and dry.

PROPER SEGREGATION OF INCOMPATIBLE MATERIALS: Certain materials can create lethal or explosive compounds if combined. Operators should ensure that incompatible products and materials are segregated and do not share a common secondary containment. Failure to do so can result in death or injury.

SECURE STORAGE AND WEATHERPROOFING: Storage should be secured in a building or containment unit and be protected from the elements. For example, 1 ton or more of salt should be kept inside of a building or structure that is weatherproofed. This is to prevent rain from hitting the salt pile or bags and creating brine run off which could deliver high concentrations of salt into the surrounding water systems. Drums, containers and bags should be stored indoors, be raised off the ground, drums and containers should be capped, and product should not be leaking or spilling out of them.

OVERFILL PROTECTION AND ELECTRONIC MONITORING: Tanks may be equipped with audible and visual overfill alarms and a secondary containment sensor. These alarms and sensors must be tested weekly and spill buckets must be kept clean and free of water, product, and debris. All results and observations must be logged.

Note: If electronic overfill protection and secondary containment sensor is not functioning properly (no audible and/or no visual alarm), the system must be repaired immediately.

LABELING REQUIREMENT: Regulated storage tanks must be labeled (utilizing a permanent stencil, label, or plate) with the tank number listed on the permit, the maximum capacity, working capacity (90% of the maximum), and product stored. Storage areas must be labeled with the storage area number and product stored within. For areas with multiple products, drums, containers and bags must be labeled with the product stored within.

DOCUMENTATION, TESTING AND INSPECTION RECORDS: The following items must be kept up-to-date and available for inspection by Department representatives: a weekly log noting that all the alarms are functioning; a monthly log indicating the condition of the storage areas and repairs (if necessary); the facility permit, posted in a conspicuous location; recent fresh product delivery receipts and waste pick up receipts.



200 COUNTY SEAT DRIVE, MINEOLA, NEW YORK 11501





NASSAU COUNTY DEPARTMENT OF HEALTH

ARTICLE XV – Petroleum Bulk Storage Compliance General

Be advised that the Department will be inspecting your facility to verify compliance with Article XV of the Nassau County Public Health Ordinance. We will be looking specifically at regulated storage for compliance with the following:

- | | |
|--------------------------|------------------------------------|
| 1) Primary Containment | 4) Overfill Protection |
| 2) Secondary Containment | 5) Labeling Requirement |
| 3) Leak Detection | 6) Documentation and Other Records |

PRIMARY CONTAINMENT: The compartment of the tank which stores the product (gasoline, diesel, waste oil etc.) The primary container must be suitable and compatible with the product being stored. For example, waste oil must be stored in a steel tank.

SECONDARY CONTAINMENT: The compartment designed to contain a leak if the primary containment ruptures. The secondary containment must hold 110% of the primary container's capacity. This compartment must be compatible with the product being stored. For aboveground tanks the secondary containment must be made of steel or concrete.

LEAK DETECTION: For installations with an electronic monitoring system, the alarm panel must be working and must be checked and tested weekly. In some cases, visual inspections of a tanks interstitial space (the space between the primary and secondary containment) and surface conditions of the tank can be done in lieu of electronic leak detection. The interstitial space must be kept free of product and debris. A log of all inspections must be kept on-site.

Note: If the electronic leak detection system is in alarm status, or product and/or water is observed in the interstitial space, the condition must be corrected immediately.

OVERFILL PROTECTION: Audible and visual overfill alarms must be tested weekly and spill buckets must be kept clean and free of water, product, and debris. All results and observations must be logged. Tank systems which are filled manually at the tank with less than 25 gallons of product at a time do not need electronic overfill protection.

Note: If electronic overfill protection is not functioning properly (no audible and/or no visual alarm), the system must be repaired immediately.

LABELING REQUIREMENT: All regulated storage tanks must be labeled (utilizing a permanent stencil, label, or plate) with the tank number as listed on the permit, the tanks maximum capacity, the tanks working capacity (90% of the maximum), and the product stored. Underground tank labels must state that the tank "conforms with 6 NYCRR Part 613." Tank fills must be labeled based on the API Color Code System.

DOCUMENTATION, TESTING AND INSPECTION RECORDS: The following items must be kept up-to-date and available for inspection by department representatives. At a minimum, a weekly log noting that all the alarms are functioning and a monthly log indicating that all tank components have been visually inspected are required. **When applicable**, a combination of the following items should be on-site and available at the time of inspection. Records of the most recent tank tightness test, automatic line leak detector test (tested annually), functionality test (conducted every other year); A, B and C operator training certificates; waste oil disposal receipts and contact water disposal receipts; 10-day reconciliation records along with fill receipts; the facilities current Permit to Operate must be posted in a conspicuous place at the facility; "As-Built" plans (also known as tank blueprints) must be onsite for the lifetime of the tank / tank systems.



200 COUNTY SEAT DRIVE, MINEOLA, NEW YORK 11501

CP-PBSCN-TO 5/2023



COLOR CODING AND LABELING

GASOLINE

10% Ethanol



Regular



Mid-Grade



Premium

E10 Gasoline with Coaxial Vapor Recovery



Regular



Mid-Grade



Premium

DIESEL AND DISTILLATES



On-Road Diesel



#2 Heating Oil



Kerosene



Off-Road Diesel

Other



Diesel Exhaust Fluid



Vapor Recovery



Monitoring Well

ALCOHOL-BASED FUELS

Where an alcohol based product is offered for sale in addition to the three primary grades, color code as follows:



85 Percent Ethanol Fuel

In the above example, "E" represents ethanol and "85" refers to the percentage of ethanol in the fuel.

TEMPORARILY OUT OF SERVICE



Tank is not in use. The tank should be emptied, the fill port locked and the vent left open.

Waste Product



Waste Oil

Color coding of monitoring wells is only required when the well covers or caps are not permanently labeled by their manufacturer
If a color code for a product you are storing is not shown above, use the products common name to identify it

UST LABELING REQUIREMENTS

UST's installed after December 27, 1985 must have a label permanently installed at the fill port with the following information on it:

- 1) The unique tank identification number (from registration certificate)
- 2) The dimensions, design and working capacity, and model number of the tank
- 3) The name of the manufacturer of the tank
- 4) The standard of design by which the tank was manufactured
- 5) The petroleum products and percentages of volume of petroleum additives which may be stored permanently and compatibly within the tank
- 6) The year in which the tank was manufactured
- 7) The date of installation of the tank
- 8) Manufacturer's statement that, "This tank conforms with 6NYCRR Part 614"

AST LABELING REQUIREMENTS

All AST's must bear a labeled or placarded with the following information:

- 1) The color code for the product stored in the tank
- 2) The unique tank identification number (from registration certificate)
- 3) The total capacity of the tank
- 4) The working capacity of the tank (90% of the tanks total capacity)

**200 COUNTY SEAT DRIVE
MINEOLA, NY 11501**

FAX: (516) 227-9613



FOR OFFICE USE ONLY

PLEASE TYPE OR PRINT CLEARLY - *Information you provide should match that of the permit issued to the facility.*

FACILITY NAME			FACILITY ID #
ADDRESS	CITY	STATE	ZIP

☐ Compartment Tank[illegible]

PLEASE REPORT ANY PROBLEMS WHICH OCCUR FOR TWO CONSECUTIVE MONTHS TO
THE NASSAU COUNTY DEPARTMENT OF HEALTH AT (516) 227-9691

**200 COUNTY SEAT DRIVE
MINEOLA, NY 11501**

FAX: (516) 227-9613



WEEKLY VISUAL LEAK DETECTION INSPECTION REPORT FOR ABOVEGROUND TANKS

A. FACILITY INFORMATION			
FACILITY NAME			FACILITY ID #
ADDRESS	CITY	STATE	ZIP

- ☐ Compartment Tank

[illegible]

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FOR OFFICE USE ONLY

ROUTINE SITE INSPECTION CHECKLIST FOR PETROLEUM TANKS

PLEASE TYPE OR PRINT CLEARLY - Information you provide should match that of the permit issued to the facility.

A. FACILITY INFORMATION			
FACILITY NAME			FACILITY ID #
ADDRESS	CITY	STATE	ZIP
B. INVENTORY OF TANK EQUIPMENT TESTED <i>Check and write in the appropriate boxes to indicate equipment tested & operational.</i>			
Tank No. _____ <input type="checkbox"/> Compartment Tank Product: _____			
1. All fill ports, spill buckets and sumps (including dispenser sumps, if applicable) are clean and dry:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
a. If "NO", all water/product and other debris has been removed:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
2. There are no items in ALARM status:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NA
a. If "NO", all items in alarm status have been addressed and rectified:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
3. For ASTs, the secondary containment unit is clean and dry:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NA
a. If "NO", the secondary containment unit has been cleaned and all product has been removed:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
4. All obstructions, including overgrowth, have been removed from the proximity of the tank, fill ports, sumps, dispensers, etc.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
5. All associated piping seems to be in good working order:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NA
6. "Test" button associated with electronic monitoring equipment is functional:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NA
7. There are no signs of product spill or leak:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
8. There are no signs of rust, corrosion or weakening of the tank/piping:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
9. To the best of my knowledge, all in-tank probes, sensors, monitoring equipment and spill prevention mechanisms are in good working order:	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

IN SECTION BELOW, DESCRIBE HOW AND WHEN DEFICIENCIES WERE OR WILL BE CORRECTED.

COMMENTS:

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THE NASSAU COUNTY DEPARTMENT OF HEALTH AT (516) 227-9691

FACILITY OPERATOR CONDUCTING INSPECTION (PRINT)

SIGNATURE

DATE OF TESTING/SERVICING



TOXIC / HAZARDOUS MATERIAL STORAGE STANDARD OPERATION PROCEDURE

**1. READ PRODUCT SAFETY DATA SHEETS AND
MANUFACTURERS' INFORMATION BEFORE
HANDLING MATERIAL.**

**2. REPORT ALL SPILLS TO MANAGEMENT
IMMEDIATELY.**

Phone Number: _____

3. CLEAN UP ALL SPILLS IMMEDIATELY.

4. CLOSE ALL CONTAINERS WHEN NOT IN USE.

NCDH: (516) 227-9691

NYSDEC SPILLS: (631) 444-0320

NYSDEC SPILLS HOTLINE: 1-800-457-7362