



NEW HANOVER COUNTY FIRE SERVICES UST INSTALLATION CHECKLIST

INSPECTION DATE:	PERMIT #
I. INSPECTOR SAFETY Circle appropriate response(s) to the following: 1. DEHNR PRESENT / NOTIFIED of UST installation 2. Time of inspector's arrival: 3. Time of inspector's departure: 4. Zoning approval:	

II. OWNERSHIP OF TANKS	
OWNER'S NAME:	PHONE:
ADDRESS:	CONTACT:

III. LOCATION OF TANKS	
FACILITY NAME:	PHONE:
ADDRESS:	OPERATOR NAME:
SITE APPEARS TO BE: RESIDENTIAL COMMERCIAL	

IV. CONTRACTOR INFORMATION	
PRIMARY CONSULTANT:	
ADDRESS:	PHONE:
GENERAL CONTRACTOR:	LICENSE #
ADDRESS:	PHONE:

V. GENERAL UST INFO	TANK #1	TANK #2	TANK #3	TANK #4	TANK #5
1. Tank capacity (gallons)					
2. Substance stored					
3. Is tank regulated?					
4. Construction material-tank					
5. Construction material-pipe					

VI. UST INSTALLATION INFORMATION - Respond: Y=yes, N=no or ?-did not observe					
1. Have plans been submitted & approved?					
2. Distance to wall, basement or pit not less than 1 foot?					
3. Distance to nearest property line not less than 3 feet?					
4. Tanks surrounded with 6" of non-corrosive inert material?					
5. Vehicle Traffic - 3' of earth cover or 18" of tamped earth and 6" of concrete or 8" of asphaltic concrete?					
6. Non-Vehicle Traffic - 2' of earth or 1' earth and 4" of reinforced concrete?					
7. Tanks are at least 1' apart or 2' if fiberglass?					
8. Are tanks secured to prevent movement?					
9. Tank hydrostatically tested not < 3 psi or > 5 psi for 1 hour.					
VII. VENTING REQUIREMENTS					
1. Class I - Not less than 12' above adjacent ground level.					
2. Class II or IIIA - Shall terminate outside of bldg and above the fill pipe opening.					
3. Vents protected against blockage from weather, dirt, etc.					
4. Not less than 5' from building opening					
5. Vapors will not accumulate, enter a bldg, or travel to an unsafe location.					
VIII. OTHER OPENINGS					
1. All openings liquid tight?					
2. Fill and discharge enter only from the top?					
3. Class I - Tank > 1000 gallons has a tight fill device for fill hose?					
4. Fill pipes entering top of tank terminate within 6" of the bottom of the tank?					
IX. PIPING					
1. Tested to 150% of maximum anticipated pressure or 75 psi for 30 minutes					
2. Correct separation between pipes within the same trench					
3. Vehicle Traffic - trench depth - 6" of well-compacted backfill					
4. Vehicle traffic - trench depth - covered with 18 " of well-compacted backfill material and pavement					
4. ¼" per foot slope on all piping back to the tank.					
5. Is all piping installed according to recognized standards?					
X. OVERFILL PROTECTION					
1. Is the driver alerted when the tank is 90% full by restricting the flow of the liquid into the tank or triggering a high level alarm?					
2. Is the flow of liquid automatically shut-off at the 95% level?					
3. Is there an overspill prevention holding reservoir.					

XI. OTHER				
1. Are the unloading risers color coded or marked to identify the type of product?				

XII. ADDITIONAL COMMENTS