Fire & Emergency Services Department

Aboveground/Underground Tank Removal

1055 S. Grady Way, Renton, WA 98057
425-430-7000 (Phone) * 425-430-7044 (Fax)

OFFICIAL USE ONLY
Project #: _____
Permit #: F _____

**** All requested items must be provided in order to process this application. ****

Building Permit #(s): _____ Number of Tenants/Buildings: _____

Property Address
(include Bldg #/Suite/Column/etc.): _____

Description of Work
to be Performed: _____

Value of Construction: $ _____ Boeing Job # *(if applicable)*: _____

Property Owner: _____ Phone: _____

Street Address: _____ City/State: _____ Zip: _____

Contractor: _____ Contact Person: _____

Phone: _____ Fax: _____ E-Mail: _____

Street Address: _____ City/State: _____ Zip: _____

State Contractor's License #: _____ Renton Business License #: _____

Tenant Name: _____ Suite/Room: _____

CONTRACTOR INFORMATION:
- Materials Safety Data Sheets (MSDS) are required at the time of application.
- Submit to this office a copy of the permanent tank closure/decommissioning report at the time of application.
- Underground storage tank service provider's license #: _____

I certify that the information furnished by me on this application is true and correct and that the applicable requirements of the City of Renton will be met. I understand that this application is valid for six months from the application date. If a permit is not issued during this time period, this application will become void. This application does not constitute a permit to work. Work is not to commence until the permit is posted on premises where work is to be performed. Certification is hereby rendered that no work will be done except as described, and that all work will conform to the applicable codes.

Applicant Signature: _____ Date: _____

**** Do Not Write Below This Line - For Official Use Only ****

Plan Check Fee: $ _____ Receipt #: _____ Date: _____

Permit Fee: $ _____ Receipt #: _____ Date: _____

Plans Approved *(Initial-Date)*: _____ Contractor Contacted: _____ Date and Time: _____

Plans Not Approved *(Initial-Date)*: _____

Fire & Emergency Services Department

Guidelines for Aboveground/Underground Storage Tank Removal

Permits are required for removal of aboveground/underground storage tanks as required by International Fire Code and City of Renton Ordinance. A minimum of two (2) sets of site safety plans are required to be submitted for review. All information related to the removal shall be included with the plan review package. All information and evidence of required licenses is to be provided with the application for permit. All contractors doing work in the City of Renton are required to have a Renton business license. If the removal is in conjunction with a building permit, the **Building Permit Number** shall be provided at the time of submittal. The **city assigned** street address must be included on the application. The following specific conditions apply for this application:

1. Tanks shall be removed within 30 days from the date of application.

2. Tanks cannot be removed from the ground until Fire & Emergency Services Department inspection and marine chemist certification.

3. Rope or ribbon barricades must be provided, circling 10 feet from the operation or enclosed in a fenced yard.

4. "NO SMOKING" signs must be posted in readily visible locations.

5. Two (2) 20-BC portable fire extinguishers are to be on site within 50 feet of the operation.

6. The tank and process piping shall be drained and cleaned free of product. Certification is required from the organization that provides such service.

7. Tank and piping shall be inerted with CO_2. Certification is required by the marine chemist who performs this service. To ensure the tank atmosphere has been inerted:

    a. Insert one (1) pount of dry ice (carbon dioxide) per 50-gallon capacity (a 1,000 gallon tank would require 20 pounds of dry ice).
    b. The addition of 5 to 10 gallons of water will assist in activating the dry ice. This should be done prior to the use of heavy equipment for excavating.
    c. All tank accesses, fill spouts, turbine heads, etc. shall be capped, locked, shut or filled with cement to ensure the CO_2 gas remains in the tank.
    d. Wait a minimum of 60 minutes for the dry ice to vaporize. Vapors begin to show at the vent pipe.
    e. The certified marine chemist will test with a carbon dioxide tester. When a reading of 60% of CO_2 is registered, tank removal may begin.

CO_2 fire extinguishers or compressed gas are not to be used during inerting processes. This produces static electricity which may result in an explosion.

After the tank is removed, the openings should be sealed so the CO_2 gas will remain in the tank during transit. In addition, tanks large enough to allow a person to enter for repair should be identified on the side with spray paint:
NO AIR - INERT GAS

8. Tanks are to be removed from the site within 24 hours of ground removal.

9. Ground contamination is to be reported immediately to the Fire Marshal's office and the Washington State Department of Ecology. Contact this office to identify the D.O.E. person. State law mandates an environmental review through SEPA when contamination has been found. Contact City of Renton Development Services at 425-430-7294 immediately.

10. Additional fees will be charged if inspectors are required to work other than normal business hours.

All field tests and/or inspections must be scheduled a **minimum of 24 hours** prior to inspection. Inspection appointments will be subject to the availability of personnel. A D.O.E. state-licensed contractor must be present at the time of all field tests.