



Renton Regional Fire Authority

Temporary Abandonment of Aboveground or Underground Commercial Tank

**** 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: _____

Mailing Address: _____ City/State: _____ Zip: _____

Contractor: _____ Contact Person: _____

Phone: _____ Fax: _____ Email: _____

Mailing Address: _____ City/State: _____ Zip: _____

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

Tenant Name: _____ Suite/Room: _____

CONTRACTOR INFORMATION:
Department of Ecology: (Underground storage tank work only)
- Underground storage tank service provider's license # _____
- Material Safety Data Sheets (electronic copies) are required with application.
- Permit is valid for one year and is not renewable.

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: _____



Renton Regional Fire Authority

Guidelines for Temporary Abandonment of Aboveground/Underground Commercial Tank

Separate plans and permits are required for temporary abandonment of aboveground/underground commercial tanks as required by International Fire Code and City of Renton Ordinance.

All required documents must be scanned and saved in PDF format. Contact the City of Renton Permit Center at permittech@rentonwa.gov for instructions regarding how to electronically submit the required documents.

General Requirements: No hard copy paper documents will be accepted. The completed application and all information related to the installation shall be included with the plan review package; incomplete packages will not be accepted. A plan review fee is to be paid at the time the plans are submitted, based on the value of the work to be performed. All contractors doing work in the City of Renton are required to have a Renton Business License. All information and evidence of required licenses are to be provided with the application for permit. If the temporary abandonment is in conjunction with a building permit, the Building Permit number shall be provided at the time of submittal. The street address assigned by the City of Renton must be included on the application.

All submittals are subject to the following requirements:

1. The tank and process piping shall be drained and cleaned free of product. Certification is required from the organization that provides such service.
2. Tank and piping shall be inerted with CO₂. Certification is required by the marine chemist who performs this service. To ensure the tank atmosphere has been inerted:
 - a. Insert one (1) pound 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 CO₂ gas remains in the tank.
 - d. Wait a minimum of 60 minutes for 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 CO₂ is registered, the tank is considered inert.
 - f. CO₂ fire extinguishers or compressed gas are not to be used during inerting processes. This produces static electricity which may result in an explosion.
3. Additional fees will be charged if inspectors are required to work outside normal business hours.
4. A closure plan clearly illustrating when and how the tank will be either put back in service, removed from the ground, or permanently abandoned is required with the application.
5. Ground contamination is to be reported immediately to the Fire Marshal's office and the Washington State Department of Ecology (DOE). State law mandates an environmental review through SEPA when contamination has been found. Contact City of Renton Development Services at 425-430-7294 immediately.

All field tests and/or inspections must be scheduled by calling 425-276-9580 a **minimum of 24 hours** prior to inspection. Inspection appointments will be subject to the availability of personnel. A DOE state-licensed contractor must be present at the time of all field tests.

Questions regarding these Guidelines should be directed to:

**Renton Regional Fire Authority
425-276-9580**