



BURNEY FIRE PROTECTION DISTRICT

37072 Main Street
Burney, CA 96013
(530) 335-2212

Standard Number

U - 1

Revision Date:
July 23, 2026

FIRE PREVENTION STANDARD

UNDERGROUND STORAGE TANK REMOVAL

AUTHORITY

Sections 102.9, 103, and 104.1 of the 2025 California Fire Code (CFC) and Burney Fire Protection District Ordinance 2026-01 state that the Fire Code Official of the Burney Fire Protection District (BFPD) shall have the authority to adopt policies, procedures, rules, and regulations in order to clarify the application of the Fire Code and to determine requirements not specifically provided for by the Fire Code. For further requirements on this subject, see section 507 of the 2025 California Fire Code. This Standard may be modified with the approval of the Fire Code Official.

PURPOSE

The purpose of this Standard is to provide guidance for the removal of underground storage tanks.

REQUIREMENTS

A permit must be obtained from the Burney Fire Protection District prior to the start of underground storage tank (UST) removal activities and be maintained on site at all times with a copy of the approved removal plans. Failure to obtain a permit or abide by these guidelines may result in the issuance of a citation.

DISCLAIMER

These standards may change without notice. Whenever applicable statutes, regulations and standards are updated and adopted, the latest shall apply. These requirements do not exempt any individual from complying with other applicable state, county, or city codes and standards.

SUBMITTALS

- 1) The applicant shall submit the plans and all required documentation to the BFPD office.
- 2) All pages of plans shall have a three-inch (3) by three-inch (3) box labeled "FOR FIRE DEPARTMENT USE ONLY" located in the bottom right corner of every page for approval stamp.



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- 3) To obtain a permit, submit the following:
 - a) Facility Closure Plan (if applicable)
 - b) County Permits (if applicable)
 - c) Copy of Workers' Compensation Coverage
 - d) Copy of General Liability Coverage including Business Auto
 - e) Copy of California Contractor's License (A, B, C-36, D-40 only)
 - f) Copy of Hazardous Substance Removal Certification
 - g) Completed Permit Application
 - h) Two (2) sets of plans which include: tank(s) size, current and past contents, location of tank(s) and piping, utilities, structures, property lines and streets.
 - i) Appropriate Permit Fee
 - j) Statement indicating whether UST(s) will be transported as hazardous or non-hazardous waste.
 - k) UPCF UST Facility Information and Tank Information forms
 - l) A statement from the property owner indicating the intended disposition of the property once the tanks have been removed (i.e., reinstallation, sale of property)
- 4) Plans shall be designed by a recognized and qualified professional per the California Licensing Board.
- 5) Manufacturer's specifications sheets (cut sheets) for all proposed materials and equipment.
- 6) Payment of all appropriate fees.
- 7) No work on the project shall commence until plans are approved by the Fire Code Official.

THE UST REMOVAL PERMIT IS VALID FOR ONE (1) YEAR.

UST Removal as Hazardous or Non-Hazardous Waste

HAZARDOUS WASTE

Tanks to be removed and transported as hazardous waste must be dry iced at a ratio of not less than 10 pounds per 1,000 gallons of tank capacity. A tank may not be lifted from the excavation until it has been demonstrated to the Fire Department representative that the atmosphere in the tank is less than 10% LEL or 5% oxygen. The Uniform Hazardous Waste Manifest(s) must be used for all tanks and/or piping disposed of as hazardous waste.

NON-HAZARDOUS WASTE

Tanks and piping to be removed and transported as non-hazardous waste must be triple-rinsed and certified by a registered Marine Chemist or Industrial Hygienist. Tanks may not be lifted from the excavation until a copy of the certification for each tank and associated piping is presented to a representative of the Fire Department.



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1) Underground Storage Tank Removal Procedures

Upon issuance of the permit, notify this department **48 hours prior** to starting the project. A representative of this department may visit, or remain, on the site(s) to verify compliance with these guidelines. A properly calibrated and serviced Combustible Gas Indicator must be provided for determining LEL and/or oxygen concentrations.

The site must be secured to prevent pedestrian and vehicular access, and "NO SMOKING" signs shall be posted. Appropriate size and number of fire extinguishers shall be on site at all times.

1. If the amount of remaining materials in the tank(s) exceeds 60 gallons and is a Class I or II liquid (gasoline and diesel), a flammable/content permit must be obtained. Notify this department 48 hours in advance to schedule the flammable/content removal inspection. Remove as much material from the tank(s) as possible and dispose of it properly.
2. Purge all piping of hazardous materials and vapors. Accomplish this by flushing a sufficient quantity of water through all piping back into the tank(s).
3. The ground surface covering may then be cut and removed. Excavation to expose the tank(s) and piping may begin, being careful not to puncture the tank(s) or cause a spark. Only the top surface of the tank(s) may be uncovered at this point. Disconnect, but leave in place, all piping in their trenches. Equipment and supplies shall be readily available to control any vapor emissions, such as bulldozer, backhoe, skip loader, heavy plastics, etc.
4. Access the tank(s) through existing openings. Do not cut any new, or expand existing, openings without prior approval from a registered Marine Chemist or registered Industrial Hygienist. Only cold cutting on top of tanks with an atmosphere of less than 10% LEL or 5% oxygen in the top third of the tank will be approved.
5. If tank(s) are to be removed as hazardous waste, remove as much liquid from the tank(s) as possible. Add a minimum of 10 pounds of dry ice per 1,000 gallons tank capacity for each tank. Allow adequate time for the dry ice to displace the oxygen in the tank(s). An atmosphere of less than 5% oxygen shall be achieved and demonstrated to the Fire Department representative prior to further excavating around the tank(s).
6. Upon completion of the excavation, the Fire Department representative shall give approval for the removal of the tank(s). An additional % LEL or % oxygen reading may be necessary at this time. If the tank(s) are being disposed as Hazardous Waste, an additional oxygen concentration reading in the tank(s) is required to verify that it is below 5%. Any tank above this 5% shall not be removed and will require additional dry ice.
7. A crane is required for removal of all tanks above 550-gallon capacity. After lifting a tank from the excavation, the Fire Department representative will inspect for evidence of a release and



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determine the overall condition. Upon completion of this evaluation, the tank must go directly to an approved transportation vehicle and be properly secured.

8. All piping and electrical wiring associated with the tank(s) shall be removed and disposed of properly unless removal might compromise the integrity of a structure. Abandonment in place of any piping or wiring requires prior approval from this department. Upon approval, piping shall be purged, filled, and capped.
9. Soil and/or ground water samples shall be taken after removal of the tank(s), but before the piping is removed. Soil samples may only be collected in brass or stainless-steel cylinders with caps, Teflon, and labels. A sealable cooler, with cooling material, must be on site prior to the start of any sampling. The Fire Department representative will direct all soil and/or water sampling. At a minimum, samples shall be taken under each dispenser, every 20 feet of product piping (to include fittings) and ends of each tank. Stockpile samples of soil at roughly every 25 cubic yards are also required.
10. The "Chain of Custody" will be prepared by the Fire Department representative and shall accompany the samples to a State Certified Laboratory for testing. The analyses to be conducted, as indicated on the Chain of Custody, are dictated by the State Water Resources Control Board's approved methods for each substance that was previously stored in the tank(s). Laboratory analyses must occur within the allowable holding period. The official written report of the analytical results and the completed **white copy** of the "Chain of Custody" must be sent directly from the laboratory to the Fire Department within **thirty (30) days** of the sampling date.

Laboratory Testing of Samples Taken

All soil and water samples taken as part of a tank removal project must be analyzed for the hazardous material(s) and certain ingredients present in the tank over the life of the tank by a laboratory that is state certified for all of the EPA approved test methods used. The Fire Department does not specify which test methods to be used on each sample, only the chemical(s) to be analyzed for.

Also, if the TRPH on a used oil sample is greater than 1,000 ppm, then EPA method 8260 must be used for MTBE, BTXE and chlorinated solvents.

Closure/Completion Letter

Upon satisfactory completion of the above activities and the receipt of the eight items listed below, a letter will be issued to the UST(s) owner(s) stating that the project has been completed to the extent of the Fire Department's jurisdiction. However, this does not include any cleanup activities that may be required by Shasta County Environmental Health Services.



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The following items shall be submitted to the Fire Department within **thirty (30) days** of the conclusion of sampling:

1. White copy of Chain of Custody
2. Laboratory results for all samples tested
3. Destruction Certificate for all tanks and piping
4. Photocopy of all Uniform Hazardous Waste Manifests as left site
5. Photocopy of all Uniform Hazardous Waste Manifests signed by the TSDF
6. Marine Chemist/Industrial Hygienist Certificate
7. Unauthorized Release Report (URR)