



ENVIRONMENT, HEALTH AND SAFETY, 0920
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General Guidance for Installing New Aboveground Storage Tanks

The following is a general guidance for the regulatory requirements for aboveground storage of hazardous materials including petroleum products but excluding hazardous wastes. An installation permit is not required from the County or State agencies for above ground storage tanks storing hazardous materials. However, you need to contact the campus Fire Marshal for any installation requirements.

Requirements:

1. An aboveground tank is a tank and associated piping that is situated in such a way that the entire surface are of the tank and pipe are completely above the plane of the adjacent surrounding surface and the entire surface area of the tank and pipes are able to be visually inspected.
2. The following are not considered "aboveground storage tanks" by this guidance document.
 - a. A pressure vessel or boiler.
 - b. A storage tank containing "Hazardous Waste".
 - c. Oil-filled electrical equipment.
 - d. Any tank system with $\geq 10\%$ of its volume below surrounding grade.
3. The tank system must be equipped with secondary containment capable of containing 110% of the maximum volume of the stored liquid. A "catch basin" must, in addition to the 110% requirement, have capacity to capture additional volume associated with 3" of rain if not protected from precipitation.
4. Tank location and engineering controls must be identified and implemented to prevent any tank contents from entering a drain (storm or sanitary), release to the ground, or sensitive ecosystems in the event of a leak, spill or other release. These control measures must be approved and certified by a California Certified Professional Engineer" as being compliant with 40 CFR 112 et. all.
5. EH&S must be notified of the volume, location, purpose and engineered release control measures for inclusion into the campus SPCC.
6. The tank must be certified by ASTM, STI, or other accredited and accepted certification body for the storage of the material. A copy of that certification and a complete set of drawings and any other associated documents must be provided to EH&S for record retention.
7. At a minimum, a documented monthly visual inspection of the aboveground tank and associated piping **must** be performed by a qualified person for detection of any current or potential failures of the integrity of the system. These documents must be retained and available for inspection by the regulators for a minimum of three (3) years.