

I'm human





Facilities storing flammable liquids like petroleum in above-ground containers must implement extra safety measures to minimize risks. The Occupational Safety and Health Administration (OSHA) has set standards for above-ground gas tanks, including collision protection from motor vehicles. Above-ground gas tanks can be stored inside buildings like service stations, but each tank cannot exceed 120 gallons and must be mounted on concrete islands away from vehicle traffic. Storage tanks must be installed with precautions to prevent vehicle collisions, and containers must be mounted vertically or horizontally in saddles to allow for expansion and contraction during temperature changes. OSHA regulations require a 10-foot distance between vehicles being serviced and these containers, with crash rails or guards to prevent impact collisions. Facilities handling tank vehicles and tank cars must have separate buildings for unloading and offloading, and warehouses or plant buildings must be at least 25 feet away from above-ground gas tanks. The storage and labeling of diesel fuel and other hazardous materials are regulated by OSHA, which requires proper storage and labeling to prevent fires, explosions, or ground contamination. Diesel fuel has a higher flashpoint than gas, but is still a fire hazard if not stored properly. Small, portable safety containers and underground and aboveground storage tanks are standard options for flammable liquids, with Department of Transportation-approved safety cans allowed for holding up to five gallons of diesel fuel. Aboveground tanks must be at least 40 feet from any building, rest on solid ground or a firm foundation, and have a "no-smoking" sign in the vicinity, with the area around it free of weeds and debris. Underground tanks should be at least a foot from a building's foundation to ensure safety. The container should be at least three feet away from any property lines and have vent outlets that are five feet or more away from nearby structures. The label on the container must indicate compliance with National Board of Boil and Pressure Vessel Inspectors requirements, as stated in OSHA standard 1910.110. Key information to include on the label includes: - Whether it's for aboveground or underground storage - Type of hood used - Supplier's name and address - Water capacity in pounds or gallons - Maximum allowable pressure (- p.s.i.g. at 100 deg. F.) - Tare weight (or alternative unit if less than 300 pounds) - Max filling level between 20 and 130 degrees F. Additionally, the outside of the tank should display its square-foot measurement, and all markings must be clear and visible after installation.

Above ground storage tank regulations. Osha above ground fuel tank requirements. Osha regulations for above ground diesel storage tanks. Osha storage tank regulations. Osha regulations for above ground storage tanks. Epa regulations for above ground storage tanks.