

CLARK COUNTY

AIR QUALITY REGULATIONS

SECTION 51 - PETROLEUM PRODUCT LOADING INTO TANK TRUCKS AND TRAILERS

- 51.1 A PERSON shall not load any petroleum product having a VAPOR pressure of 78 mm Hg (1.5 psia) or greater into any tank truck, trailer, or tank car from any loading facility dispensing 18925 kiloliters (5,000,000 gallons) annually unless such loading facility is equipped with a VAPOR collection and disposal system or its equivalent, properly installed, in good working order and in operation.**
- 51.1.1** No person shall load any petroleum product having a vapor pressure of 78 mm Hg (1.5 psia) or greater into any tank truck, trailer or tank car from any loading facility dispensing less than 18925 kilo liters (5,000,000 gallons) annually unless such loading equipment is designed for bottom loading only or uses a submerged fill tube extending to within 76.2 mm (3 inches) of the bottom of the tank being filled.
- 51.2 When loading is effected through the hatches of a tank truck or trailer with a loading arm equipped with a VAPOR collecting adaptor, a pneumatic, hydraulic or other mechanical means shall be provided to force a vapor-tight seal between the adaptor and the hatch. A means shall be provided to prevent liquid gasoline drainage from the loading device when it is removed from the hatch of any tank truck or trailer, or to accomplish complete drainage before such removal.**
- 51.3 When loading is effected through means other than hatches, all loading and VAPOR lines shall be equipped with fittings which make vapor-tight connections and which close automatically when disconnected.**
- 51.4 The VAPOR disposal portion of the system shall consist of one of the following:**
- 51.4.1** A vapor-liquid absorber system with a minimum recovery efficiency of 90 percent by weight of all the hydrocarbon vapors and gases entering such disposal system;

51.4.2 A variable VAPOR space tank, compressor, and FUEL gas system of sufficient capacity to receive all hydrocarbon vapors and gases displaced from the tank trucks and trailers being loaded;

51.4.3 Other equipment of at least 90 percent efficiency provided such equipment is submitted to and approved by the Air Quality CONTROL OFFICER.

51.5 The loading shall be accomplished in such a manner that the mixture of vapor and air displaced from the delivery vessel will be vented only to the vapor recovery system.

History: Amended: December 28, 1978; June 11, 2001; June 3, 2003; July 1, 2004.