





**001.04A.** All product lines will slope a minimum of 1/8 of inch per foot towards the tank and be installed in a single trench between the tank area and pump island. All vent lines will slope a minimum of 1/8 inch per foot towards the tank and be installed in a single trench.

**001.04B.** All unions and fittings will be a minimum of 250 pounds. All joints, damaged pipe coating or unprotected threads will be wrapped or coated with a material approved by the manufacturer.

**001.04C.** All new product lines will be pneumatically tested for tightness with air pressure. All joints, seams and connections will be soaped to detect leakage. For non-metallic piping, the joints and connections will be soaped. The test will be maintained for a minimum of 1 hour, and all soaped areas will be visually inspected for bubbles or any other indication of a leak. Piping will be tested at not less than 50 psig at the highest point of the system. Any loss of pressure or appearance of bubbles will constitute failure of the test.

**001.04D.** Vent and fill lines must be coated but need not be cathodically protected. Metallic product lines must be cathodically protected.

**001.05** Underground storage tank systems storing hazardous substances will meet the requirements of this Chapter 4.

**001.06** All used steel and fiberglass reinforced plastic tanks will require the manufacturer's certification for re-installation. Installations will follow all procedures of this chapter.

**001.07** Owners and Operators must have the following records submitted to the State Fire Marshal's Office pertaining to all new tanks and piping installations prior to placing UST system into operation.

**001.07A.** Four Page Notification Form (Provided by Fire Marshal Office);

**001.07B.** As Built Drawings;

**001.07C.** Post Installation tank and piping tests; and

**001.07D.** Manufacturers install checklist.