

4. INTERFERENCES

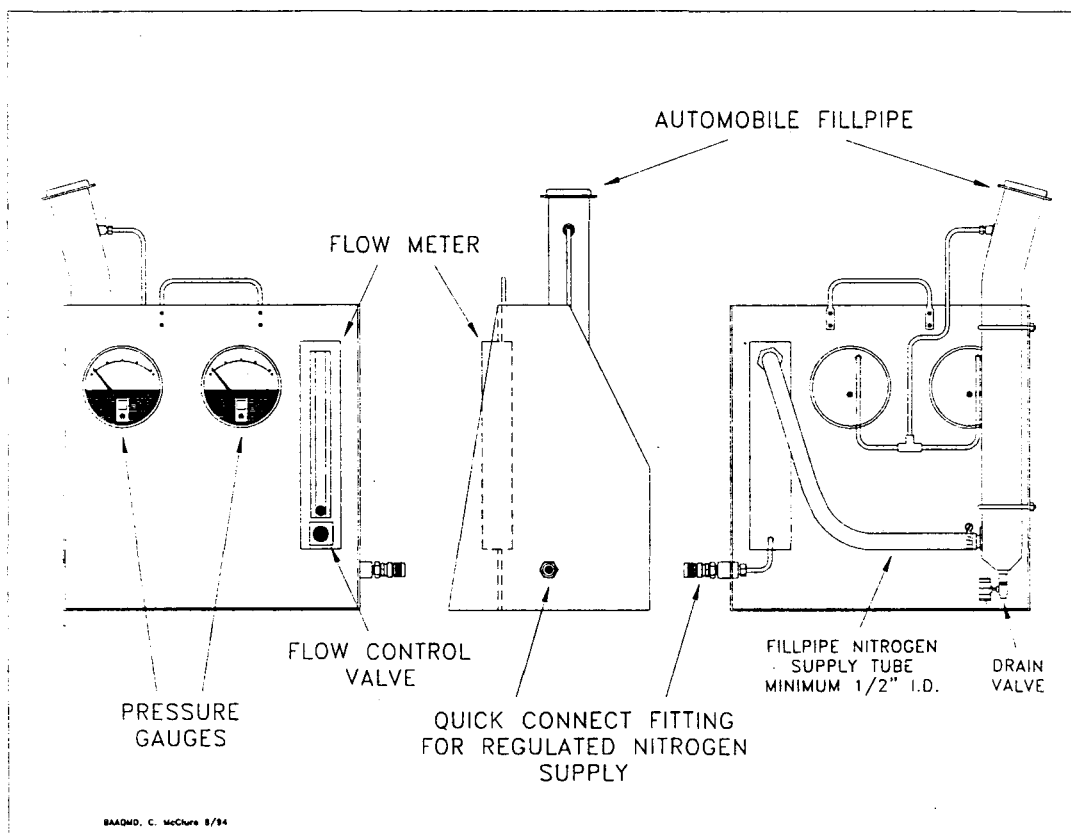
- 4.1 Any leaks in the nozzle vapor path, vapor hose, or underground vapor return piping may result in erroneously low dynamic back pressure measurements.

5. APPARATUS

- 5.1 Nitrogen High Pressure Cylinder with Pressure Regulator. Use a high pressure nitrogen cylinder capable of maintaining a pressure of at least 2000 psig and equipped with a compatible two-stage pressure regulator and a one psig relief valve. A ground strap is recommended during introduction of nitrogen into the system.
- 5.2 Rotameter. Use a calibrated rotameter capable of accurately measuring nitrogen flowrate(s) applicable for the imposed dynamic back pressure limits.

Figure 4-1

Dynamic Back Pressure Test Assembly



- 5.3 Pressure Gauges. Use differential pressure gauges, or equivalent, as specified in the applicable subsection of Section 3.1.
- 5.4 Automobile fillpipe. Use a automobile fillpipe, if applicable, known to be compatible with all bellows-equipped vapor recovery nozzles, and equipped with a pressure tap. See Figure 4-1.
- 5.5 Nitrogen. Use commercial grade nitrogen.
- 5.6 Hand Pump. Use a gasoline compatible hand pump, if applicable, to drain any gasoline from condensate pots.