SMOKE TESTING

Purpose: used to find leaks in sewer lines or illegal connections to main

Equipment: smoker (Hurco or Cherne), pump up tank with metering device, liquid smoke or smoke bombs. Sometimes dead end plugs are used to isolate a section of line.

Procedure: Place smoker on top of manhole on line you wish to test. Next, pour around half a gallon of liquid smoke into tank, put top back on pump and connect hose to smoker. Pump up tank to build pressure around 10 to 15 strokes. Start smoker and let it warm up for about a minute. Slowly turn the valve on a little till line is flooded with smoke. Then turn valve off then crack it a little to keep the line flooded. Look for the smoke coming out of the ground and mark it (wire flags or paint). When finished turn unit off and release pressure on tank and move to the next job.