

Step-by-Step Leak Checking with Magnehelic Gauge



1 Close the container service valve and perform the walk-through according to your company policy.



2 Connect the magnehelic gauge at the outlet test tap of the second stage or integral 2-stage regulator.



3 SLOWLY open the service valve on the propane storage container. Leave it open for two or three seconds, and then close it.



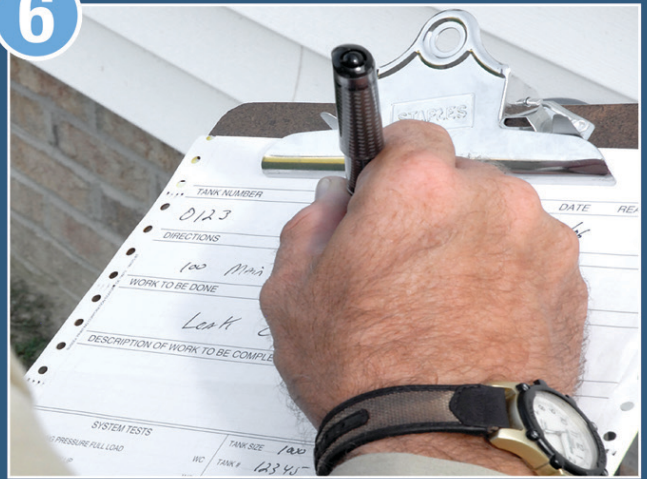
4 Release enough gas from the vapor distribution piping system to drop the system pressure to 9" \pm 1/2" water column on the magnehelic gauge. This ensures that all regulators in the system are unlocked and that a leak anywhere in the system is communicated to the gauging device.)

5



Allow the vapor distribution piping system to remain pressurized for three minutes without showing an increase or decrease in the reading on the gauge.

6



Once the vapor distribution piping system is proven to be leak free, record the test pressure and the amount of time the test was performed.

7



Remove the magnehelic gauge and test adapter from the regulator and replace the plug in the regulator.

8



Open the service valve on the tank to re-pressurize the system.

9



Check for leaks at the test tap using a suitable leak detection solution or device.

10



Place the appliance back into service according to your company policy.