
BENRICH SERVICE COMPANY TRAINING PROGRAM©

Plumbing – Gas Leak Testing

Yard Line (below ground, not in an underground parking garage)

1. Locate gas meter
2. Locate the riser
3. Isolate between meter and riser by shutting off valves at each
4. Attach a gas pressure gauge on the test port
5. Use test port at the gas meter to pump air to at least 17 psi using an air bottle or compressor.
 - a. Wait 15 minutes and if it holds 17 psi, there are no leaks
 - b. If it doesn't hold, there is a leak you will need to find and dig up to repair or recommend replacing the entire yard line.

House Line (Inside the building)

1. Isolate all gas appliances within the building
2. Verify the gas shut off valves are working by visually checking all appliances to confirm the gas is shut off
3. After gas is completely shut down, install your own test port above the existing isolation valve on the building riser. Attach a gas gauge to the test port.
6. Pump air at test port to at least 17 psi using an air bottle or compressor.
 - a. Wait 15 minutes and if it holds 17 psi, then there are no leaks
 - b. If it doesn't hold, you need to go into each unit as well as ceilings/walls and listen/smell to identify the leak.
 - c. Once identified, make the necessary repair

Note: New construction can commonly use cheap gas cocks that will fail during gas pressure tests. It is a good idea to recommend replacing these valves with iron pipe ball valves.