

Gas Leak Detection & Isolation

Inspection • Diagnosis • Safe Containment

Gas leaks are serious — but they don't have to be scary. With prompt attention and professional care, Bayshore Plumbers helps you detect, isolate, and resolve gas line issues quickly and safely.

WHAT TO EXPECT WHEN OUR TECHNICIAN ARRIVES

Step-by-Step Onsite Process

- 1. Initial Safety Assessment**
 - Our technician will first check for strong odors, hissing sounds, or signs of immediate danger.
 - If needed, we'll safely shut off your gas supply at the main shutoff valve.
- 2. Gas Detection Scan**
 - We use advanced digital gas detectors and/or bubble testing to pinpoint leaks along accessible lines, fittings, valves, and appliances.
- 3. Line Isolation & Diagnosis**
 - We isolate the affected portion of the gas system using valves or temporary capping to prevent further leakage.
- 4. Leak Verification Test**
 - A pressure test (typically with air) confirms the location and severity of the leak.
- 5. Next Steps**
 - Based on findings, we'll provide clear repair or replacement options, safety upgrades, and (if needed) coordinate with your local utility for gas line restoration.

Time Estimate: 1 to 3 hours depending on the size of the system and leak accessibility.

WHAT IS THIS SERVICE / FIXTURE FOR? WHY IS IT IMPORTANT?

Gas leak detection and isolation is critical for:

- **Protecting your home and family from explosion or fire risks**
- **Preventing carbon monoxide exposure**
- **Ensuring continued use of gas appliances (water heaters, stoves, dryers, furnaces)**
- **Staying compliant with local building and safety codes**

Think of it as a fire alarm for your plumbing system — invisible, but absolutely vital.

A gas leak can stem from cracked piping, rusted joints, poor seals at appliances, or even underground line damage. Our goal is to find the exact source fast — and fix it right the first time.

REPAIR OR REPLACE? YOUR OPTIONS

Our technician may offer the following based on location, pipe material, and the severity of the leak:

- **Repair:** Fix or reseal a leaky joint or fitting
- **Spot Repair:** Replace a small section of faulty gas pipe
- **Full Replacement:** Rerun the full gas line to modern code with durable materials
- **Upgrade:** Modernize with coated steel, CSST (corrugated stainless steel), or underground-rated piping for long-term performance

COMPARE YOUR OPTIONS

Option	Pros	Cons	Budget	When It's Best Used	Time to Complete
Repair	Quick, affordable, minimal disruption	May not prevent future leaks nearby	\$	Small, accessible leaks at joints or valves	1–2 hours
Spot Repair	Contains the issue and restores safety	Patching aging lines may cause future issues	\$\$	One-off leaks on a longer run	1–4 hours
Full Replacement	Long-term reliability, code-compliant	Higher upfront cost, more wall/floor access	\$\$\$	Corroded, old, brittle, or undersized piping	1 day+ (project-dependent)
Upgrade	Modern, flexible piping, fewer joints	Not suitable in all exposed areas	\$\$–\$\$\$	Modern homes or retrofits	4–6 hours

HOMEOWNER TIPS & TRICKS

- **Know the Smell:** Natural gas smells like sulfur or rotten eggs — if you smell it, don't wait.
- **Ventilate & Evacuate:** Open doors/windows and exit the building before calling for help.
- **Don't Use Electrical Devices:** Even flipping a light switch can cause a spark — avoid phones and switches until you're outside.
- **Watch for Warning Signs:**
 - Hissing near appliances or pipe joints
 - Sudden increases in gas bills
 - Dying houseplants
 - Pilot lights frequently going out
- **Have Your Gas System Inspected Every 1–2 Years** — especially if you live in an older home or use multiple gas-powered appliances.

WHY CHOOSE BAYSHORE PLUMBERS?

As a licensed, family-owned, disabled veteran-owned business serving the Bay Area, we treat every gas safety call as a top priority. You'll get:

- Fast, respectful, and knowledgeable technicians
- Advanced leak detection tools
- Clear communication and fair pricing
- Safe, compliant solutions that last

 **Smell gas or need a peace-of-mind inspection?**

Call Bayshore Plumbers now — your safety is our mission.

Frequently Asked Questions (FAQ's):

1. What are the signs of a gas leak in my home?

Common signs include a **sulfur or rotten egg smell**, hissing sounds near gas lines or appliances, **dying houseplants**, or unusually high gas bills. If you suspect a leak, **leave the area immediately** and call us for inspection.

2. What should I do if I smell gas?

Open windows and doors if it's safe, **evacuate your home**, and **avoid using light switches, phones, or anything electrical**. Once outside, call your gas company or a licensed professional like Bayshore Plumbers to locate and isolate the leak.

3. How do you detect and isolate gas leaks?

We use professional-grade **digital gas detectors, bubble testing, and pressure tests** to pinpoint leaks. We then isolate the affected section of piping and provide repair or replacement options — all done with safety as the top priority.

4. Will I be without gas while the repair is being done?

Yes — for safety, we temporarily shut off the gas supply to isolate the leak. Once repairs are complete and tested, we coordinate with you (and the utility company if needed) to **safely restore service**.

5. How long does gas leak detection and repair usually take?

Most inspections and minor repairs are completed within **1 to 3 hours**, depending on the size of your system and the leak's location. Larger repairs or full gas line replacements may take longer, especially if walls or floors must be accessed.

6. How can I prevent future gas leaks?

Have your gas system **professionally inspected every 1–2 years**, especially if you live in an older home or use multiple gas appliances. Replacing aging pipes with **modern materials like CSST or coated steel** can also reduce long-term risk.