Clark County Department of Building & Fire Prevention

4701 West Russell Road, Las Vegas, NV 89118 ~ (702) 455-3000

Natural Gas – LPG Gas Leaks & Testing Requirements Building Permit Guide

Samuel D. Palmer, Acting Director/Building & Fire Official • Girard Page, Fire Marshal

Part I. Leaks

If you smell natural gas (rotten egg odor) or suspect you might have a gas leak, whether the supply is natural gas or liquefied petroleum gas (LPG), **STOP** proceed to the outside of the dwelling or manufactured home, leaving the doors open. If aware of the location and operation of the gas meter or LPG container, **turn the gas OFF immediately. If in the caller's opinion the condition is escalating, call 911 from a safe location.**

Never return inside. Let emergency responders make the assessment when it is acceptable to return inside.

Do not turn on or use any light switches, matches, phones, or operate any equipment or machinery, including automatic garage door openers.

To correct the problem:

1. Call the gas company: **Southwest Gas Corporation at (702) 365-1111 or (800) 447-5422; or**
2. Call a licensed plumbing contractor; or
3. Call your licensed LPG supplier.

If you select to call a plumbing contractor, make sure the company sends a licensed Clark County journeyman plumber to your location. This is a requirement of the Clark County Administrative Code. A licensed journeyman plumber will carry with them a picture I.D. from the Nevada State Board of Plumbing Examiners. Ask to see it as well as their company I. D. before allowing them to make repairs to your gas piping system.

The only way to safely find a leak in the gas piping system is to cap off all the gas outlets and fill the system with air. **However, it is necessary to call Southwest Gas Corporation to isolate and turn off the gas meter prior.** The gas system shall hold a minimum of ten (10) pounds of air for a minimum of fifteen (15) minutes without a pressure drop of any degree. The gas test shall be measured on a 1/10 of a pound incremented gauge for low pressure systems. Most single family dwellings are low pressure.

Do not, under any circumstance, introduce water or flares into a gas piping system to locate a leak.

Do not, under any circumstance, try to find a leak with a lighter, match, or torch.

Part II. Defective Piping

Defective piping or any portion of defective gas piping shall be replaced with new pipe. Defective piping cannot be repaired or patched in any way. Use of crack stick repair kits, sleeving, or tape is an illegal application. Please refer to Part I. Leaks of this Guide for proper disconnect of gas lines before beginning any gas line repair or replacement.

Part III. Permits for Repairing Gas Leaks

A plumbing permit shall be obtained to repair a gas leak.

- Permits may be obtained from the Department of Building at 4701 West Russell Road.
- You, as a homeowner, may obtain a permit for the work if the residence is your primary residence.
- If it is a rental property, then it is commercial property and a license plumbing contractor shall be contacted to complete the work.
- If you, as a homeowner, obtain the permit for the work, you are responsible for knowing the requirements of the current adopted plumbing code and amendments. You are also responsible for inspection of the work being performed and obtaining a final inspection of said work. You will also be responsible for providing access to the inspector anytime during regular business hours for the purpose of inspecting the completed work.

Department Of Building & Fire Prevention Locations & Services

MAIN OFFICE 4701 W. Russell Road Las Vegas, NV 89118 (702)455-3000	On-Site Plan Submittals All "Walk-Through" Plan Review / Permitting Functions Residential Tract Submittal / Permitting All Sub-Trade (Electrical, Plumbing & Mechanical) Permitting Building Inspection Scheduling Functions Fire Prevention Inspection Services Records	Temporary Certificate of Occupancy Submittals Building Inspections Building Inspector Inquiries Amusement / Transportation Systems Operation Certificates Approved Fabricators Quality Assurance Agency Listing
LAUGHLIN OFFICE Regional Government Center 101 Civic Way Laughlin, NV 89029 (702)298-2436	Building Inspection Services Fire Prevention Inspection Services	
OVERTON OFFICE 320 North Moapa Valley Blvd. Overton, NV 89040 (702)397-8089	Building Inspection Services Fire Prevention Inspection Services	

Automated Phone System (702) 455-3000

Option 1: For all Inspection services or to report a building code violation.
Option 2: For information regarding on-site permits or new plan submittals.
Option 3: For the Building Plans Examination division or QAA information.
Option 4: For the Zoning Plans Examination division.
Option 5: For information or copies regarding land development, construction documents, plans or permits.
Option 6: To speak with Management staff.
Option #: For hours of operation, Office location and website information.

Other Clark County Departments/Divisions/Districts

Air Quality & Environmental Management	500 S. Grand Central Parkway, Las Vegas NV	(702) 455-5942
Public Works, Development Review Services	500 S. Grand Central Parkway, Las Vegas NV	(702) 455-6000
Comprehensive Planning	500 S. Grand Central Parkway, Las Vegas NV	(702) 455-4314
Fire Department	575 E. Flamingo Road, Las Vegas NV	(702) 455-7316
Las Vegas Valley Water District	1001 S. Valley View Boulevard, Las Vegas NV	(702) 870-2011
Southern Nevada Health District	625 Shadow Lane, Las Vegas NV	(702) 759-1000
Water Reclamation District	5857 E. Flamingo Road, Las Vegas NV	(702) 668-8888

State of Nevada

Division of Water Resources	400 Shadow Lane, Suite 201, Las Vegas NV	(702) 486-2770
Nevada State Contractors Board	2310 Corporate Circle, Suite 200, Henderson NV	(702) 486-1100

Utilities

Nevada Power	6226 W. Sahara Avenue, Las Vegas NV	(702) 402-5555
Southwest Gas	5241 Spring Mountain Road, Las Vegas NV	(877) 860-6020

www.clarkcountynv.gov/building