



Residential Gas Test Guidelines

200 South Main
Blue Ridge, Texas 75424
972-752-5791

The City of Blue Ridge has adopted the 2012 versions of the International Codes (Building, Residential, Mechanical, Plumbing, Energy, Fuel Gas, Fire) and the 2014 National Electric Code.

When is a permit needed and a gas test required?

- Whenever a new system is installed.
- When leaks are found in an existing system.
- When a gas system has been turned off for more than 180 days. (Or required by the service provider)
- When alterations are made to an existing gas piping

What is needed to obtain a permit? A plan review is not required, but a permit fee is due upon permit issuance. Permit may be obtained by a Licensed Plumbing Contractor or homeowner. **NOTE: Homeowner may only be issued a permit for work physically performed by the homeowner on property owned and occupied by him as his homestead. Landlords and tenants will not be issued a permit.**

1. Obtain an approved test gauge. The test gauge shall be calibrated diaphragm type gauge or a manometer (mercury gauge). NOTE: CHEAP SPRING TYPE TEST GAUGES ARE NOT PERM/TEED.

- Required test pressure for a standard low pressure residential system is 3psig.
- For a medium pressure system a test pressure of 10psig will be required. The test pressure must be maintained for at least 15 minutes with no visible loss. For large commercial systems, longer test duration may be required. If pressure loss is observed, leaks must be located and repaired.

2. All piping must be tested from the point of attachments at the meter to the shut off valves for each individual gas appliance. Shut off valves must be turned off at the appliance. The yard line and inside piping system must be tested in every case. For medium pressure commercial test regulators must be removed or isolated and both high side and low side must be tested.

3. Correct any dangerous conditions present at gas appliances. Some examples are listed below.

- Copper gas lines or gas connectors must be replaced with approved gas connectors. Approved connectors will be identified with CAS u.s. mark.
- All flue vents must be in sound condition, not disconnected, pulled apart or dropped below roof deck. No single wall metal pipe will be permitted to extend through the attic. Make sure you have at least 1" clearance to combustible materials for double wall vent and 6" clearance for single wall vent.
- Any unvented gas heater or decorative appliance not equipped with an approved oxygen depletion sensor must be removed or permanently capped. The most common example of an unapproved appliance is the ceramic bathroom heater.



200 S. Main Blue Ridge, Texas 75424
 Phone: (972) 752-5791 Fax: (972) 752-9160

Residential Permit Application

Building Permit Number: _____		Valuation: _____	
Project Address: _____		Zoning District: _____	
Lot: _____	Block: _____	Subdivision: _____	
Project Description:	NEW SFR <input type="checkbox"/>	SFR REMODEL/ADDITION <input type="checkbox"/>	SPECIFY OTHER: _____
	PLUMBING <input type="checkbox"/>	MECHANICAL <input type="checkbox"/>	ELECTRICAL <input type="checkbox"/>
	ACCESSORY BUILDING <input type="checkbox"/>	LAWN IRRIGATION <input type="checkbox"/>	SWIMMING POOL <input type="checkbox"/>
Description of Work: _____			
Area Square Feet: _____	Covered Porch: _____	Total: _____	Number of stories: _____
Living: _____	Garage: _____		
IS THIS PROPERTY IN A FLOODPLAIN: <input type="checkbox"/> Yes <input type="checkbox"/> No		<i>If yes, provide Flood Plain Certificate</i>	

Owner Information: _____		
Name: _____	Contact Person: _____	
Address: _____		
Phone #: _____	Mobile #: _____	Email: _____

General Contractor	Contact Person	Phone Number	Contractor License Number <input type="checkbox"/>
Mechanical Contractor	Contact Person	Phone Number	Contractor License Number <input type="checkbox"/>
Electrical Contractor	Contact Person	Phone Number	Contractor License Number <input type="checkbox"/>
Plumber/Irrigator	Contact Person	Phone Number	Contractor License Number <input type="checkbox"/>
TPO Energy Provider	Contact Person	Phone Number	Contractor License Number <input type="checkbox"/>

A permit becomes null and void if work or construction authorized is not commenced within 180 days, or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. All permits require final inspection.

I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Applicant: _____ Date: _____

OFFICE USE ONLY:

Approved by: _____	Date approved: _____	
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Total Permit Fees: _____

Received By: _____

Date: _____

BV Project #: _____