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Little Firefighter Gas Valves
204 S. Center St.
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RESEARCH REPORT: RR 5349
EFFECTIVE DATE: 03/01/2019
EXPIRATIONDATE: 03/01/2020
Telephone: 714-834-0410

GENERAL APPROVAL - RENEWAL – Seismically Activated Gas Shutoff Valves, AGV, VAGV, NAGV and FAGV series, manufactured by Little Firefighter. See attached list of approved models.

DETAILS

These products are seismically activated gas shutoff valves. They are intended to be installed in a natural gas supply line outside of buildings and downstream of the utility's gas meter, or other locations approved by the Department. AGV and FAGV models are installed in the horizontal flow orientation. VAGV models are installed in the vertical flow orientation. NAGV models are installed in place of a 90 degree elbow, flow coming in the side and exiting the bottom of the valve.

The valve consists of an aluminum body with shutoff assembly. Horizontal models are magnetically held open until a vibration breaks the magnetic hold, thus allowing gravity to close the valve against the seat. Vertical assemblies utilize a ball which drops by gravity upon vibration and plugs the flow of gas through the valve. Manual resetting of the valve is accomplished by using a slotted screwdriver. A sight glass is installed in the top of the valve to indicate if the valve is open or closed.

The approval is subject to the following conditions:

1. These seismic gas shutoff valves (SGSOV) may be used in low-, medium-, or high-pressure gas systems in all occupancies whose maximum operating pressure does not exceed the pressure rating specified on the valve and may be installed to comply with Ordinance 171874 and Section 94.1217.0 of the Los Angeles Plumbing Code (LAPC), 2017 Edition.
2. The size of the SGSOV shall be such that each appliance is provided with sufficient gas pressure at full demand and subject to one of the following:
 - a. SGSOV's installed on the supply side of the bypass "T" on the meter set may be sized at the discretion of the gas service provider provided the requirements specified above are met.

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