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Giovanny Martinez
Pacific Seismic Products, Inc.
233 East Ave H-8
Lancaster, CA 93535

RESEARCH REPORT: RR 5744
EFFECTIVE DATE: 01/01/2024
EXPIRATION DATE: 01/01/2025
Telephone: 661-942-4499

GENERAL APPROVAL-NEW - "Stabilizer Brace System," manufactured by Pacific Seismic Products, Inc. for stabilizing seismic gas shut-off valves. See attached list of approved models and sizes.

DETAILS

This product is a triangular shaped support brace fabricated from painted steel. A steel clamp is used to secure the gas supply pipe to the brace. The brace may be positioned in a vertical or horizontal orientation and installed within 6-inches of the seismic gas shut-off valve between the gas meter and the seismic gas shut-off valve.

These products may be installed in lieu of the required bracing on both sides of an installed seismic activated gas shut-off valve. The approval is subject to the following conditions:

1. This bracing system may be installed in residential and commercial applications to stabilize a seismic gas shut-off valve approved by City of Los Angeles under Research Report No. RR-5080.
2. This bracing system shall be limited to use with a 2-inch diameter pipe and a 2-inch seismic gas shut-off valve.
3. This product shall be rigidly attached to the building structure containing the fuel gas piping as required by Section 1217.3.2 of the Los Angeles Plumbing Code, 2023 Edition.
4. The brace shall be fastened using at least two bolts to secure it to the building structure. The distance between the building structure and the center of the gas pipe line shall not measure more than 8-1/2 inches. Bolting shall be as per manufacturer's instructions and shall be not less than 1/4 inch diameter.

Pacific Seismic Products, Inc.
RE: "Stabilizer Brace System"

5. The required hardware for this bracing system shall only be provided by Pacific Seismic Products, Inc.
6. This product shall be installed at an accessible location on the building structure.
7. Each gas line serving a building or multiple buildings on a site, which are served by a central gas utility meter, may use this bracing method when installing seismic gas shut-off valves, provided that the seismic gas shut-off valves and/or piping are installed by a qualified installer.
8. This product shall be identified by permanent markings showing the manufacturer's name, "Pacific Seismic Products, Inc." and the model number.
9. The bracing system shall be installed in accordance with the manufacturer's installation instructions and this research report.

DISCUSSION

The materials and construction appear to be equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability, and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 94.301.0, 94.1203.0, 94.1212.0, and 94.1217.0 of the Los Angeles Plumbing Code, 2023 Edition.

Approved by:



Cristina Acevedo-Leija
Mechanical Testing Laboratory
Permit and Engineering Bureau

Pacific Seismic Products, Inc.
RE: "Stabilizer Brace System"

Pacific Seismic Products, Inc.
RR-5744
"Stabilizer Brace System"
List of Approved Models

Model	Pipe Size (in)
EVB-01-R1	3/4
EVB-01-R2	1
EVB-01-R3	1-1/4
EVB-01-R4	1-1/2
EVB-01-R5	2