



SEISMIC RESTRAINT ORDINANCE WORKSHEET

REF: CITY OF SANTA CRUZ MUNICIPAL CODE 18.06.050:

SEISMIC RESTRAINTS FOR EXISTING RESIDENTIAL BUILDINGS

Persons applying for a building permit for any addition to or remodel of an existing residential building shall be required to allocate an amount equal to a percentage of the valuation of the proposed work for the purpose of installing seismic restraints in the existing building and its contents.

The percentage is one percent (1%) of the building permit valuation.

If the applicant can demonstrate, to the satisfaction of the Chief Building Official, that the applicant's existing residential building complies with applicable sections of Chapters 16 and/or 23 of the adopted CBC or Chapter 6 of the CRC, then the applicant may, at the discretion of the Chief Building Official, receive partial or complete exemption from the requirements of this section.

No additional building permit fees will be charged for the above seismic retrofit work.

Please describe below the voluntary seismic upgrades proposed and estimated cost(s) to fulfill this requirement:

Description of Upgrade	Estimated Cost of Upgrade (\$)

TOTAL:

Office Use Only:

Permit Valuation: \$ _____

Provide: \$ _____

See page following for seismic restraint/retrofit options



SEISMIC RESTRAINT ORDINANCE APPROVED MEASURES

REF: SCMC 18.06.050

The following measures may be used singly or in combination to reach the required amount:

- Add new perimeter foundation and stem wall system
- Secure sills to foundation
- Provide shear panels to cripple walls
- Provide lateral bracing at piers to exterior walls
- Stabilize masonry chimney
- Provide interior shear walls
- Provide shear panels at garage door
- Provide adequate lateral bracing of porches, decks, patio roofs and other attachments
- Provide water heater restraints
- Provide furnace restraints
- Provide wall ties on tall freestanding furniture
- Provide emergency tools for shutoff valves of gas and water services, including directions for location and operation of valves and switches for electrical main shutoff
- Install earthquake auto shut-off (Koso) valve
- Assemble an emergency supplies kit for the occupants of the dwelling to provide for a minimum three days food, water, and shelter for all occupants.
- Create an emergency action and communication plan for the building occupants (\$100.00 maximum credit)

Other methods may be proposed by the permit applicant for approval by the Chief Building Official, who will evaluate the proposal and compute credits according to the merits of the work to be performed.

PLANNING & COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING & SAFETY DIVISION

809 Center Street • Room 101 • Santa Cruz, CA 95060 •

831/420-5120 • FAX 831/420-5434

www.cityofsantacruz.com

Lee Butler, Director • Mark Ellis, Chief Building Official