

## APPENDIX CHAPTER A1

# SEISMIC STRENGTHENING PROVISIONS FOR UNREINFORCED MASONRY BEARING WALL BUILDINGS

### SECTION A100 APPLICATION

**A100.1 Vesting authority.** When adopted by a state agency, the provisions of these regulations shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the state legislature.

Following is a list of the state agencies that adopt building standards, the specific scope of application of the agency responsible for enforcement, and the specific statutory authority of each agency to adopt and enforce such provisions of building standards of this code, unless otherwise stated.

1. **BSC—California Building Standards Commission.**

**Application**—Existing buildings as specified in Section A102 having at least one unreinforced masonry bearing wall, with the exception of buildings subject to building standards pursuant to Health and Safety Code, commencing with Section 17910.

**Enforcing Agency**—State or local agency specified by the applicable provisions of the law.

**Authority Cited**—Health and Safety Code Section 18934.6.

**Reference**—Health and Safety Code Sections 18901 through 18949; and 50558 and 50559.

2. **HCD 1—The Department of Housing and Community Development.**

**Application**—Hotels, motels, lodging houses, apartment houses, dwellings, employee housing and factory-built housing.

**Enforcing Agency**—The local building department or the Department of Housing and Community Development.

**Authority Cited**—Health and Safety Code Sections 17040, 17921, 17922, 19990.

**Reference**—Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 19960 through 19997, 50558 and 50559, and Government Code Section 12955.1.

3. **HCD 2—The Department of Housing and Community Development.**

**Application**—Permanent buildings and permanent accessory buildings or structures constructed within mobilehome parks and special occupancy parks.

**Enforcing Agency**—The local building department or the Department of Housing and Community Development.

**Authority Cited**—Health and Safety Code Sections 18300, 18620, 18640, 18865, 18873 and 18873.2.

*Reference—Health and Safety Code Sections 18200 through 18700 and 18860 through 18874.*

### SECTION A101 PURPOSE

The purpose of this chapter is to promote public safety and welfare by reducing the risk of death or injury that may result from the effects of earthquakes on existing unreinforced masonry bearing wall buildings.

The provisions of this chapter are intended as minimum standards for structural seismic resistance, and are established primarily to reduce the risk of life loss or injury. Compliance with these provisions will not necessarily prevent loss of life or injury, or prevent earthquake damage to rehabilitated buildings.

### SECTION A102 SCOPE

**A102.1 General.** The provisions of this chapter shall apply to all existing buildings having at least one unreinforced masonry bearing wall. The elements regulated by this chapter shall be determined in accordance with Table A1-A. Except as provided herein, other structural provisions of the building code shall apply. This chapter does not apply to the alteration of existing electrical, plumbing, mechanical or fire safety systems.

**A102.2 Essential and hazardous facilities.** The provisions of this chapter shall not apply to the strengthening of buildings or structures in Occupancy Category III when assigned to Seismic Design Category C, D, or E or buildings or structures in Occupancy Category IV. Such buildings or structures shall be strengthened to meet the requirements of the *California Building Code* for new buildings of the same occupancy category or other such criteria that have been established by the jurisdiction.

### SECTION A103 DEFINITIONS

For the purpose of this chapter, the applicable definitions in the *California Building Code as adopted by the California Building Standards Commission (BSC)* shall also apply:

**BUILDING CODE.** The code currently adopted by the jurisdiction for new buildings. [*BSC, HCD 1 and HCD 2*] “*Building Code*” shall mean the most current edition of the *California Building Code, Title 24, Part 2 as adopted by the California Building Standards Commission (BSC)*.

**COLLAR JOINT.** The vertical space between adjacent wythes. A collar joint may contain mortar or grout.