

Stricken language would be deleted from and underlined language would be added to present law.

State of Arkansas
90th General Assembly
Third Extraordinary Session, 2016

As Engrossed: S5/20/16
A Bill

Call Item 14
SENATE BILL 5

By: Senator Burnett
By: Representative M. Hodges

For An Act To Be Entitled

AN ACT TO AMEND THE LAW CONCERNING EARTHQUAKE
RESISTANT DESIGN REQUIREMENTS FOR BUILDINGS AND OTHER
STRUCTURES; TO DECLARE AN EMERGENCY; AND FOR OTHER
PURPOSES.

Subtitle

TO AMEND THE LAW CONCERNING EARTHQUAKE
RESISTANT DESIGN REQUIREMENTS FOR
BUILDINGS AND OTHER STRUCTURES AND TO
DECLARE AN EMERGENCY.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF ARKANSAS:

SECTION 1. Arkansas Code § 12-80-104(a)(2), concerning design requirements, is amended to read as follows:

(2)(A) Design loads and seismic design requirements shall be, as a minimum, those listed in the Chapter of Structure Loads and referenced chapters from the Arkansas Fire Prevention Code.

(B)(i) Buildings or other structures classified as Category I or Category II occupancies as described in Table 1604.5, Arkansas Fire Prevention Code, Volume II, 2012 Edition, or in American Society of Civil Engineers (ASCE) Standard 7-10, Table 1.5-1, that are constructed for manufacturing or industrial occupancy or for public works may be designed using the mapped ground motion response accelerations for a ten percent probability of exceeding the design seismic event in a fifty-year period based on United States Geological Survey data, instead of the mapped ground



motion response accelerations for a two percent or other probability of exceeding the design seismic event in a fifty-year period as set out in the Arkansas Fire Prevention Code, 2012 Edition, or subsequent editions of the Arkansas Fire Prevention Code if the alternate design standard has been properly adopted by ordinance in the locality in which the building or other structure is to be constructed.

(ii) Under subdivision (a)(2)(B)(i) of this section, SDS shall equal SMS and SD1 shall equal SM1 in lieu of the two-thirds adjustment indicated in Equations 16.39 and 16.40 of the Arkansas Fire Prevention Code, Volume II, 2012 Edition, and the design seismic base shear V in any given direction shall be not less than that determined in accordance with Section 1607, Standard Building Code, 1997 Edition.

(iii) As used in subdivision (a)(2)(B)(ii), "SDS", "SMS", "SD1", and "SM1" mean the same as defined in the Arkansas Fire Prevention Code, Volume II, 2012 Edition.

SECTION 2. EMERGENCY CLAUSE. It is found and determined by the General Assembly of the State of Arkansas that seismic design requirements found in the Arkansas Fire Prevention Code are overly restrictive; that the nature of these restrictions require businesses to expend significant resources; and that this act is immediately necessary to correct this restriction, to ease the burden on businesses considering construction in Arkansas, and to promote local economic development efforts. Therefore, an emergency is declared to exist, and this act being immediately necessary for the preservation of the public peace, health, and safety shall become effective on:

- (1) The date of its approval by the Governor;
- (2) If the bill is neither approved nor vetoed by the Governor, the expiration of the period of time during which the Governor may veto the bill; or
- (3) If the bill is vetoed by the Governor and the veto is overridden, the date the last house overrides the veto.

/s/Burnett