

STATE BUILDING CODE INTERPRETATION NO: I-06-10

June 16, 2010

The following is offered in response to your letter dated April 5, 2010 in which you seek a formal interpretation. The question would apply to Table 1607.1.4, of the 2003 International Building Code portion of the 2005 State Building Code.

Scenario:

"The code requires for assembly areas and theaters with moveable seats that the structure of the floor meets 100 psf but it also requires 125 psf for stages and platforms that are going to be part of the same space."

Question #1:

"Knowing that the use of the platforms is limited by its definition, 410.2 of the IBC, as a raised area within a building used for worship, the presentation of music, plays or other entertainments, etc.; is the intent of Table 1607.1 to require the reinforcement of the platform underneath floor in order to meet the 125 psf requirement?"

Answer #1:

Yes, Table 1607.1.4, of the 2003 International Building Code portion of the 2005 State Building Code, requires stages and platforms within assembly areas and theaters to be constructed to a minimum uniformly distributed live load of 125 psf. This live load requirement applies to all platforms including permanent and temporary scenarios.

Question #2:

"If yes, what would happen with the temporary platforms, do we need to change the structure of the floor for something that is not permanent?"

Answer #2:

The floor assembly and supporting structural support system would be required to be renovated accordingly to accommodate the required minimum loading platform code requirements. The building code modification process would also be available as applicable.