



DSA Structural Amendments under review are highlighted in GRAY

Template 22-01

2001 CBC - Chapter 22A
STEEL

Section - 2205A - DESIGN AND CONSTRUCTION
PROVISIONS

Subsection(s) - 2205A.4.1

1 2205A.1 General.

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3
4 *2205A.4.1 Steel Deck Diaphragms. Steel deck diaphragms*
5 *shall comply with the requirements of this section and Section*
6 *1613A. Materials for steel deck diaphragms shall conform to the*
7 *requirements of Division VII and shall be identified in accordance*
8 *with Section 2203A.3. Unidentified steel shall be tested in accor-*
9 *dance with Section 2203A.1. The design of the diaphragm as well*
10 *as the construction details may be based on test information ac-*
11 *ceptable to the enforcement agency.*

12
13 *Diaphragm chord forces both compression and tension forces*
14 *resulting from in-plane shear shall be resisted by flange members*
15 *and not by the steel deck diaphragm.*

16
17 *The base material thickness of steel deck for diaphragms shall*
18 *not be less than 0.0359 inch (0.9 mm) (20 gage), unless tests ac-*
19 *ceptable to the enforcement agency have been performed.*

20
21 *Weld washers shall be used for steel decks with a base metal*
22 *thickness of material greater than 0.028 inch (0.7 mm) when the*
23 *allowable shear values used in the diaphragm are obtained from*
24 *the result of tests using weld washers.*

25
26 *Welding inspection shall conform to Section 2231A, Division*
27 *XII.*