



DSA Structural Amendments under review are highlighted in GRAY

Template 22-02

2001 CBC - Chapter 22A
STEEL

Section - 2205A - DESIGN AND CONSTRUCTION PROVISIONS

Subsection(s) - 2205A.7.1 - 2205A10.2

1 **2205A.7 Open-web Steel Joists and Joist Girders.** The design,
2 manufacture and use of steel joist, K, LH, and KLH series and joist
3 girders shall be in accordance with Division IX.

4
5 *2205A.7.1 Materials for fabricated joists shall be tested in accor-*
6 *dance with Section 2231A. The material, design, manufacture and*
7 *use of steel joists shall conform to the requirements of this chapter*
8 *and to Division IX, except delete Division IX Sections 4.6 (b), 4.6*
9 *(c), 103.8 (b), and 1003.8 (b) and use Division XII Section 2231A*
10 *for design verification tests for all joists included in Division IX.*

11
12 *The chords of all joists shall be laterally supported at all points*
13 *where the chords change direction.*

14
15 **2205A.8 Steel Storage Racks.** Steel storage racks may be
16 designed in accordance with the provisions of Division X, except
17 that * * * the *W* used in the design of racks over 8 feet (2438mm)
18 in height shall be equal to the weight of the rack structure and con-
19 tents with no reductions.

20
21 *2205A.8.1 The basis for design of the racks shall be subject to the*
22 *limitations of Sections 1632A.5 and 1634A.5, Item 3.*

23
24 **2205A.9 Steel Cables.** Structural applications of steel cables for
25 buildings shall be in accordance with the provisions of
26 Division XI.

27
28 **2205A.10 Welding.** Welding procedures, welder qualification
29 requirements and welding electrodes shall be in accordance with
30 Division II, III, VI or VII and approved national standards.

31
32 *2205A.10.1 Steel used in welded structures shall conform to the*

33 *limitations on chemical properties specified in the latest editions*
34 *of AWS D1.1 and D1.3 of the Structural Welding Code - Steel,*
35 *published by the American Welding Society.*

36
37 **2205A.10.2** *No welded splices shall be made except those shown*
38 *on approved plans.*