



DSA Structural Amendments under review are highlighted in GRAY

Template 22-12

2001 CBC - Chapter 22A
STEEL

Section - **2213A - SEISMIC PROVISIONS FOR
STRUCTURAL STEEL BUILDINGS IN
SEISMIC ZONES 3 AND 4**

Subsection(s) - **2213A.10.12**

1 **2213A.10 Eccentrically Braced Frame (EBF) Requirements.**

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4 **2213A.10.12 Link beam-column connections.** Length of link
5 beam connected to columns shall not exceed $1.6 M_s/V_s$.

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7 1. Where a link beam is connected to the column flange, the
8 following requirements shall be met:

9
10 1.1 The beam flanges shall have full-penetration welds to
11 the column.

12
13 1.2 Where the link beam strength is controlled by shear in
14 conformance with Section 2213A.10.8, the web con-
15 nection shall be welded to develop the full link beam
16 web shear strength.

17
18 2. Where the link beam is connected to the column web, the
19 beam flanges shall have full-penetration welds to the connection
20 plates and the web connection shall be welded to develop the link
21 beam web shear strength. Rotation between the link beam and the
22 column shall not exceed 0.015 radian at a total frame drift of ΔM .

23
24 3. *The link-to-column connection design shall be substantiated*
25 *by cyclic test results that equal or exceed the rotation angle as pre-*
26 *scribed in Section 2213A.10.12, Item 2.*