DSA Structural Amendments under review are highlighted in GRAY and YELLOW

Template 22-09

2001 CBC - Chapter 22A
STEEL

Section - 2211A - AMENDMENTS
Subsection(s) - 11. - 12.

***11*. Part I, Section *S6.2. Add* the following:**

S6.3 Loading Sequence

Continue loading at increments of θ = 0.01 rad., with two cycles of loading at each step.

Or alternatively, the loading sequence may be the following:

1. 3 cycles of loading at $0.25\delta_y < \delta \leq 0.5\delta_y$
2. 3 cycles of loading at $0.6\delta_y < \delta \leq 0.8\delta_y$
3. 3 cycles of loading at $\delta = \delta_y$
4. 3 cycles of loading at $\delta = 2\delta_y$
5. 3 cycles of loading at $\delta = 3\delta_y$
6. 2 cycles of loading at $\delta = 4\delta_y$
7. After completion of the loading cycles at $4\delta_y$, testing shall be continued by applying cyclic loads to produce δ equal to $5\delta_y$, $6\delta_y$, $7\delta_y$, etc. Two cycles of loading shall be applied at each incremental value of deformation.

Other loading sequences are permitted to be used to qualify the Test Specimen when they are demonstrated to be of equivalent severity.

***12*. Part I - Section S10. Revise as follows:**

S10. ACCEPTANCE CRITERIA

For each connection used in the actual frame, at least three cyclic tests are required for each condition in which the Essential Variables, as listed in Section S5, remain within the required limits. All tests shall satisfy the criteria stipulated in Sections 9.2, or

15.4, as applicable. In order to satisfy *interstory drift angle and* Inelastic Rotation requirements, each Test Specimen shall sustain the required *interstory drift angle and inelastic* rotation for at least *two complete loading cycles without exhibiting rapid strength deterioration.*