



DSA Structural Amendments under review are highlighted in GRAY

Template 19-17

2001 CBC - Chapter 19A
CONCRETE

Section - 1905A - CONCRETE QUALITY, MIXING AND PLACING

Subsection(s) - 1905A.6.3.2 - 1905A.6.4.4

1 1905A.6.3 Field-cured specimens.

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4 1905A.6.3.2 Field-cured cylinders shall be cured under field
5 conditions, in accordance with ASTM C 31.

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8 1905A.6.4.2 If the likelihood of low-strength concrete is con-
9 firmed and calculations indicate that load-carrying capacity is sig-
10 nificantly reduced, tests of cores drilled from the area in question
11 shall be permitted in accordance with ASTM C 42. In such case,
12 three cores shall be taken for each strength test more than 500 psi
13 (3.45 MPa) below specified value of f'_c .

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16 1905A.6.4.4 Concrete in an area represented by core tests shall be
17 considered structurally adequate if the average of three cores is
18 equal to at least 85 percent of f'_c and if no single core is less than 75
19 percent of f'_c . Additional testing of cores extracted from locations
20 represented by erratic core strength results shall be permitted.