



DSA Structural Amendments under review are highlighted in GRAY

Template 19-10

2001 CBC - Chapter 19A
CONCRETE

Section - **1905A - CONCRETE QUALITY, MIXING AND PLACING**

Subsection(s) - **1905A.2.3**

1 **1905A.2.3** Concrete specified by compressive strength shall be
2 proportioned by one of the following methods:

3
4 **Method A.** As an alternate to Methods B and C, below, the com-
5 pressive strength of 2,500 psi (17.2 MPa) and 3,000 psi (20.7
6 MPa) concrete shall be permitted to be used for structural con-
7 crete in accordance with Table 19A-A-7.

8
9 **Method B.** Method B mixes shall be based on existing, approved
10 compressive strength test data for concrete mixes in accordance
11 with Section 1905A.3.1.1.

12
13 **Method C.** Method C mixes shall be based on laboratory test re-
14 sults for trial concrete mixes in accordance with Section
15 1905A.3.3.2.

16
17 A registered civil engineer with experience in concrete/mix de-
18 sign shall select the relative amounts of ingredients to be used as
19 basic proportions of the concrete mixes proposed for use under the
20 provisions of Methods B and C.

21
22 Method C shall be used to determine the mix proportions when
23 materials not having a record of satisfactory performance are to
24 be used.