



DSA Structural Amendments under review are highlighted in GRAY

Template 19-12

**2001 CBC - Chapter 19A**  
**CONCRETE**

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

Subsection(s) - **1905A.3.3.2**

1 **1905A.3 Proportioning on the Basis of Field Experience**  
2 **(Method B) and Trial Mixtures (Method C).**

3 ....

4 **1905A.3.3.2 (Method C) Design mix based on laboratory**  
5 **tests.** When an acceptable record of field test results is not avail-  
6 able, concrete proportions established from trial mixtures meeting  
7 the following restrictions shall be permitted:

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10 **4. Water-cementitious ratio/content**

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12 **4.1 [For DSA/SS]** For each water-cementitious materials  
13 ratio or cementitious materials content, at least three  
14 test cylinders for each test age shall be made and cured  
15 **in accordance with ASTM standards.** Cylinders shall be  
16 tested at 28 days or at test age designated for determina-  
17 tion of  $f'_c$ .

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19  
20 **7. Trial mixtures shall be selected by a registered civil engi-**  
21 **neer with experience in concrete mix design and tested by a**  
22 **testing laboratory acceptable to the enforcement agency.**