



DSA Structural Amendments under review are highlighted in GRAY

Template 19-06

2001 CBC - Chapter 19A
CONCRETE

Section - **1903A - SPECIFICATIONS FOR TESTS AND MATERIALS**

Subsection(s) - **1903A.6.6 - 1903A.6.9**

1 **1903A.6 Admixtures.**

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4 **1903A.6.6** *Fly ash or other pozzolan can be used as a partial sub-*
5 *stitute for ASTM 150 portland cement, as follows:*

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7 *1. Fly ash or other pozzolan shall conform to ASTM C 618 for*
8 *Class N or Class F materials (Class C is not permitted), and*

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10 *2. More than 15 percent by weight of fly ash or other pozzolans*
11 *shall be permitted to be substituted for ASTM C 150 portland ce-*
12 *ment if the mix design is proportioned by Method B or C. See Sec-*
13 *tion 1904A for durability requirements.*

14

15 *3. More than 40 percent by weight of ground-granulated blast-*
16 *furnace slag conforming to ASTM C 989 shall be permitted to be*
17 *substituted for ASTM C 150 portland cement if the mix design is*
18 *proportioned by Method B or C. See Section 1904A for durability*
19 *requirements.*

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21 **1903A.6.7** *ASTM C 989, Ground-iron Blast-furnace Slag for Use*
22 *in Concrete and Mortars*

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24 **1903A.6.8** *Admixtures used in concrete containing ASTM C 845*
25 *expansive cements shall be compatible with the cement and pro-*
26 *duce no deleterious effects.*

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28 **1903A.6.9** *Silica fume used as an admixture shall conform to*
29 *ASTM C 1240 (Silica Fume for Use in Hydraulic Cement Con-*
30 *crete and Mortar), and the concrete shall be proportioned by*
31 *Method B or C.*