

## CHAPTER 19 CONCRETE

Adopt and/or codify chapter as amended below:

*(All existing California amendments that are not revised below shall continue without change)*

### DRAFT INITIAL EXPRESS TERMS

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#### SECTION 1909 1913

#### ADDITIONAL REQUIREMENTS FOR COMMUNITY COLLEGES [DSA-SS/CC]

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**1909.2 1913.2 Tests and materials.** *Where required, special inspections and tests shall be in accordance with Chapter 17A and this section.*

~~**1913.2.1 Glass fiber reinforced concrete.** *Glass fiber reinforced concrete (GFRG) and the materials used in such concrete shall be in accordance with the PCI MNL 128 standard.*~~

**1913.2.2 Fly ash.** *Replace ACI 318 Section 3.2.2 as follows: Fly ash or other pozzolan can be used as a partial substitute for ASTM C 150 portland cement, as follows:*

- 1. Fly ash or other pozzolan shall conform to ASTM C 618 for Class N or Class F materials (Class C is not permitted), and*
- 2. More than 15 percent by weight of fly ash or other pozzolans shall be permitted to be substituted for ASTM C 150 portland cement if the mix design is proportioned per ACI 318 Section 5.3. See Section 1904 for durability requirements.*
- 3. More than 40 percent by weight of ground-granulated blast furnace slag conforming to ASTM C 989 shall be permitted to be substituted for ASTM C 150 portland cement if the mix design is proportioned per ACI 318 Section 5.3. See Section 1904 for durability requirements.*

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