

702-R-679 STRUCTURAL CONCRETE

(Adopted 04-19-18)

The Standard Specifications are revised as follows:

SECTION 702, BEGIN LINE 124, DELETE AND INSERT AS FOLLOWS

Class C concrete shall contain either a water-reducing admixture or *both* a water-reducing *admixture and a* retarding admixture. The types used shall not be changed during any individual contiguous pour. The types *of* admixtures to be used ~~will~~*shall* be selected based on the expected concrete or air temperature. When either temperature is expected to be 65°F or above, *both* a water-reducing *admixture and a* retarding admixture shall be used. A water-reducing admixture shall be used when both temperatures are expected to be below 65°F unless retardation is required due to the structure design or the proposed pour sequence such as the requirements for floor slab pours set out in 704.04. *If class C concrete contains ground granulated blast furnace slag, the producer may propose an alternate temperature threshold for including a retarding admixture.* Air-entraining cements will not be allowed in class C concrete.

SECTION 702, BEGIN LINE 243, DELETE AND INSERT AS FOLLOWS:

Concrete that is not within the specified slump limits at time of placement shall not be used. Except as required in 702.05 for class C concrete, ~~a water-reducing admixture, chemical admixtures type A, type B, or a water-reducing and retarding admixture, type D, type F, and type G,~~ may be used in the concrete. Chemical admixtures ~~type B, type C, and type E~~ will be allowed only with prior written permission. ~~Chemical admixtures type F and type G shall not be used.~~

SECTION 702, BEGIN LINE 525, DELETE AND INSERT AS FOLLOWS:

702.12 Consistency

Slump will be measured in accordance with 505 and shall be no less than 1 in. and no more than ~~4~~6 in. except for concrete placed in foundation seals.